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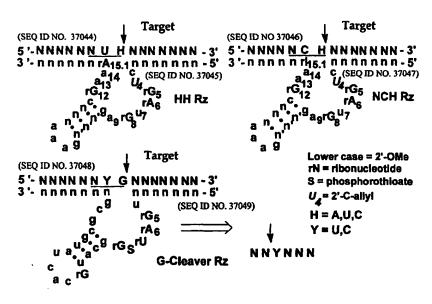
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(54) Title: NUCLEIC ACID-BASED TREATMENT OF DISEASES OR CONDITIONS RELATED TO WEST NILE VIRUS IN-FECTION

Examples of Nuclease Stable Ribozyme Motifs



(57) Abstract: The present invention relates to nucleic acid molecules (e.g., ribozymes, DNAzymes, antisense oligonucleotides, triplex forming oligonucleotides, 2,5-A oligonucleotides, decoys) that modulate the expression and/or replication of West Nile Virus (WNV). The present invention also relates to chemical compositions, and methods of treatment of WNV infection and associated diseases, and conditions.

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NUCLEIC ACID-BASED TREATMENT OF DISEASES OR CONDITIONS RELATED TO WEST NILE VIRUS INFECTION

TECHNICAL FIELD OF INVENTION

This invention relates to compositions, reagents and methods for the treatment of diseases or conditions relating to West Nile Virus (WNV) infection.

The Sequence Listing file named "MBHB001109-ASequenceListing" (8,067,027 bytes in size) submitted on Compact Disc-Recordable (CD-R) medium ("011019_1245") is incorporated herein by reference.

BACKGROUND OF THE INVENTION

The following is a discussion of relevant art, none of which is admitted as prior art to the present invention.

West Nile Virus (WNV) is a Class IV virus, specifically a flavivirus, identified as a member of the Japanese encephalitis virus antigenic complex. WNV is a spherical, enveloped virus containing a positive single-stranded RNA genome. Flaviviridae group also includes such pathogens as hepatitis C virus, Kunjin virus, and viruses responsible for yellow fever, dengue fever, and St. Louis encephalitis. West Nile Virus subtypes are distinguishable by antigenic variations in the envelope (E) protein and by the presence of an N-glycosylation site (Asn-Tyr-Ser) at amino acids 154–156 (Jia, 1999, Lancet. 354;1971-2).

The genome of WNV is composed of 10,960 nucleotides. The 5'-terminus of the WNV genome contains a type 1 cap structure that is synthesized by RNA triphosphatase, guanylyltransferase and methyltransferase (Wengler and Wengler, 1993, Virology, 197m; 265-273). A conserved 3'-terminal stem loop of the viral genomic RNA has been shown to bind to translation elongation factor-1-alpha prior to replication (Blackwell and Brinton, 1997, J. Virol., 71, 6433-6444). At least nine WNV encoded proteins have been identified, including the non-structural proteins NS 1, NS 2a, NS 2b, NS 3, NS 4b, and NS 5, along with C, M, and E structural proteins. The NS 3 protein has been shown to have RNA triphosphatase activity (Wengler and Wengler, supra), The WNV NS 5 protein has been shown to possess RNA-dependent RNA polymerase activity in vitro (Steffens et al., 1999, J. Gen. Virol., 80, 2583-2590).

WNV can be transmitted to humans and domestic animals through mosquitoes and migratory birds, that serve as amplifying hosts. Although WNV infection is generally asymptomatic in areas of the world where the virus is endemic, infected humans can incur a mild fever, rash, nausea, headache, disorientation and back pain. More serious complications from WNV infection include hepatitis, pancreatitis, encephalitis, myocarditis, meningitis, neurologic infection, and death, especially in the very young, sick, or elderly.

Virulence of different WNV strains can vary, and certain characteristics of the WNV can dictate susceptibility to CNS infection. One study of WNV infectivity in mice found decreased neuroinvasiveness in strain variants with glycosylated envelope proteins and among those strains with amino acid substitutions at residue 307 (Chambers et al., 1998, J. Gen Virol. 79:2375). Experimentally infected monkeys have demonstrated persistent neurologic infection (Pogodina et al., 1983, Arch. Virol., 75:71). Furthermore, human subjects who were subjected to WNV as an experimental cancer treatment and who died within approximately four weeks after such treatment showed viral infiltration of the spleen, lymph nodes, liver, and lungs, indicating disseminated infection by WNV in humans (Southam and Moore, 1951, Am. J. Trop. Med., 31:724; Southam and Moore, 1954, Am. J. Trop. Med. Hyg., 3:19).

The WNV incubation period manifests typically from 3 to 15 days, and the diagnosis of WNV has been confirmed by an enzyme immunoassay through IgM and IgG antibody detection (Tsai et al., 1998, Lancet, 352:767). WNV has also been diagnosed by reverse transcriptase polymerase chain reaction (rtPCR) testing of CSF (Puri et al., 1994, Arch. Virol., 134:29).

The WNV infection has been reported in Africa, the Middle East, parts of Europe, the Soviet Union, South Asia and Australia (Savage et al., 1999, Am J Trop Med Hyg., 61:600). In one study involving 915 Egyptians, 6 percent of school children and 40 percent of young adults had antibodies to the WNV following a widespread fever outbreak in the general population (Corwin et al., 1993, Am J Trop Med Hyg., 48:776). Epidemics have also been reported in Israel, South Africa and parts of Europe. In a European outbreak in Romania in 1996, more than 500 cases were reported with a mortality rate of nearly 10 percent (Tsai et al., 1998, Lancet., 352:767 and Hubalek et al., 1999, Emerg Infect Dis., 5:643). Clinical manifestations of the virus in these Romanian patients included meningoencephalitis (44 percent), meningitis (40 percent), and encephalitis (16 percent). In addition, the symptoms

included fever (91 percent), headache (77 percent), neck stiffness (57 percent), vomiting (53 percent), confusion (34 percent) and coma (13 percent) (Tsai et al., 1998, Lancet., 532:767). The largest outbreak of the WNV to date occurred in 1974 in South Africa where nearly 3,000 cases were reported (McIntosh et al., 1976, South African Journal of Science., 72:295-300).

Outbreaks of WNV were not very common in the United States until 1999 when the virus caused seven deaths and 62 cases of encephalitis in New York. The outbreak of encephalitis in humans in the New York area in 1999 coincided with the death of several crows due to viscerotropic WNV infection. These avian infections were present in crows as far south as Baltimore (Anderson et al., 1999, Science., 286:2331). Recent reports indicate that WNV is spreading to other areas of the country as well.

Cloned from the human brain by reverse-transcriptase polymerase chain reaction, the genome of the WNV responsible for the 1999 New York outbreak was found as a lineage type I West Nile Virus. This particular strain of West Nile Virus (WNV; WNV-NY 1999) is closely related to strains previously isolated in the Middle East (Jia, 1999, *The Lancet*, 354:1971-1972).

Nearly the same time as the 1999 United States outbreak, an outbreak of meningoencephalitis caused by WNV infection occurred in Russia. This late summer outbreak was responsible for over 40 deaths out of about 1,000 reported cases. Analysis of brain tissue from five victims of this epidemic by reverse transcriptase-polymerase chain reaction confirmed the presence of WNV, as well as other flaviviruses, in each sample (Lvov et al., 2000, Emerging Infectious Diseases., 6:4).

After the outbreak of WNV in the United States in 1999, surveillance programs have detected increased transmission of the virus in birds and mosquitoes. In one recent case a person 78 years of age was hospitalized in Richmond County, New York for viral encephalitis and tested positive for WNV. Immunosorbent assay confirmed the presence of the IgM antibody in cerebrospinal fluid and serum samples of the individual (Novello *et al.*, 2000, *MMWR*, 49,31:714-717).

The elderly are particularly susceptible to encephalitis due to WNV infection. Other risk factors related to exposure to the virus include spending increased amounts of time

outdoors and being in the presence of a flooded areas, both places where increased contact with mosquitoes is likely (Han et al., 1999, J Infect Dis., 179:230).

In an attempt to prevent the spread of WNV through control of larval and adult mosquitoes, mapping, spraying and removal of breeding sites has been initiated in parts of New York and Connecticut (*Morb Mortal Wkly Rep.* 1999; 48:944). In addition, education programs have been suggested to make the public aware of WNV and it's risk factors. Despite these efforts, WNV remains a threat due to its mode of transmission. At present, there is no vaccine or other known treatment for WNV infection. Accordingly there remains an unmet need for reagents and methods for the diagnosis of WNV infection. Further, there remains a need for reagents and methods for the treatment of WNV infection.

BRIEF SUMMARY OF THE INVENTION

The invention features novel nucleic acid-based molecules and techniques (e.g., enzymatic nucleic acid molecules (such as ribozymes, DNAzymes or allozymes), antisense nucleic acids, 2-5A antisense chimeras, triplex forming oligonucleotides, antisense nucleic acids containing RNA cleaving chemical groups, dsRNA and decoys) as well as methods for their use to detect and modulate the replication of WNV and WNV gene expression. In particular, enzymatic nucleic acid molecules capable of specifically cleaving WNV RNA are described. Also described are antisense nucleic acid molecules that specifically modulate the replication of WNV and the expression of the WNV genome. Such enzymatic and antisense nucleic acids can be used to diagnose and treat diseases associated with WNV infection, such as pancreatitis, encephalitis, myocarditis, meningitis, neurologic infection, hepatitis, liver failure, hepatocellular carcinoma, and cirrhosis.

The invention features the use of one or more of the nucleic acid-based molecules and techniques independently or in combination to modulate the replication of WNV and/or the expression of the genes encoded by the WNV genome. In one embodiment the invention features the use of nucleic acid-based molecules and techniques to inhibit the function of the West Nile Virus genome (GenBank accession Nos. AF196835, AF260969, AF260968, AF260967, NC_001563, AF206518, and AF202541).

The present invention features a nucleic acid molecule that modulates the replication of the West Nile Virus. In one embodiment, the nucleic acid molecule modulates the expression and/or function of RNA derived from the WNV. In a preferred embodiment, the nucleic acid molecule of the present invention is selected from the group consisting of

enzymatic nucleic acid, antisense nucleic acid, 2',5'-A nucleic acid, triplex forming nucleic acid, and decoy nucleic acid molecules.

In one embodiment, the nucleic acid molecule of the invention (e.g., antisense or enzymatic nucleic acid molecule) comprises between 12 and 100 bases complementary to RNA of the WNV genome. In another embodiment, the nucleic acid molecule comprises between 14 and 24 bases complementary to RNA of the WNV genome. The nucleic acid molecule of the invention can be synthesized either enzymatically or chemically using methods described herein and other methods known in the art.

In yet another embodiment, the nucleic acid molecule of the invention can further comprise at least one sugar modification, nucleic acid base modification, phosphate backbone modification, or a combination thereof. The nucleic acid molecule of the invention can also comprise a cap structure, wherein the cap structure is at the 5'-end or 3'-end, or at both the 5'-end and the 3'-end of the nucleic acid molecule.

In one embodiment of the invention, the nucleic acid molecule is an enzymatic nucleic acid molecule. The enzymatic nucleic acid molecules of the invention are designed to cleave either the plus strand or the minus strand of WNV. The enzymatic nucleic acid molecules are also designed to cleave RNA derived from various genes encoding WNV proteins. The enzymatic nucleic acid of the invention contains one or more binding arms that comprise a sequence or sequences complementary to any sequence of WNV. In another embodiment, the enzymatic nucleic acid of the invention contains one or more binding arms that comprise a sequence or sequences complementary to any sequence(s) of SEQ ID NOs 1-7,372; 16,410-24,320; and 35,592-35,616. Examples of enzymatic nucleic acid molecules of the invention comprise the sequence of SEQ ID NOs 7,373-16,409; 24,321-35,591; or 35,617-35,641.

The enzymatic nucleic acid molecule of the invention can be in a hammerhead (HH), hairpin, hepatitis Delta virus, group I intron, VS nucleic acid, or RNAse P nucleic acid configuration. The enzymatic nucleic acid molecule can also be in an Inozyme, G-cleaver, Zinzyme, or an Amberzyme configuration. The enzymatic nucleic acid molecule of the invention can also be a DNAzyme.

In one embodiment, the DNAzyme of the instant invention comprises at least ten 2'-O-methyl modifications. In another embodiment, the DNAzyme further comprises phosphorothicate linkages on at least one of the 5' terminal nucleotides. Said linkages are useful to improve nuclease stability. In another embodiment, the DNAzyme comprises a 3'-end modification (e.g., 3',3'-inverted abasic and/or one or more phosphorothicate modifications). In another embodiment, the DNAzyme comprises at least ten 2'-0-methyl

modifications, phosphorothicate linkages on at least one of the 5' terminal nucleotides, and a 3'-end modification.

In another embodiment, the enzymatic nucleic acid molecule of the invention is a Hammerhead motif comprising at least one sequence complementary to any of the sequences shown as Substrate sequence in Tables III and VIII. In yet another embodiment, the enzymatic nucleic acid molecule of the invention is an Inozyme motif comprising at least one sequence complementary to any of the sequences shown as substrate sequence in Tables IV and IX. In another embodiment, the enzymatic nucleic acid molecule of the invention is a DNAzyme comprising at least one sequence complementary to any of the sequences shown as substrate sequences in Tables VI and XI. In another embodiment, the enzymatic nucleic acid molecule of the invention is a Zinzyme comprising at least one sequence complementary to any of the sequences shown as substrate sequence in Tables V and X. In another embodiment, the enzymatic nucleic acid molecule of the invention is an Amberzyme comprising at least one sequences complementary to any of the sequences shown as substrate sequences in Tables VII and XII.

In one embodiment, the enzymatic nucleic acid molecule contemplated by the instant invention comprises at least five ribose residues, at least ten 2'-O-methyl modifications, and a 3'- end modification (e.g., 3',3'-inverted abasic moiety, phosphorothioate, phosphorodithioate). In another embodiment, the enzymatic nucleic acid further comprises phosphorothioate modifications at the 5'-end (for example having 1, 2, 3, 4 or 5 phosphorothioates). In another embodiment the invention features an enzymatic nucleic acid molecule that does not require the presence of a ribonucleotide to be functional, for example, to cleave WNV RNA.

In another aspect of the invention, the nucleic acid molecule of the invention is an antisense nucleic acid molecule. The antisense nucleic acid molecule is designed to modulate either the plus strand or the minus strand of WNV. The antisense nucleic acid molecule are also designed to modulate RNA derived from various genes encoding WNV proteins. The antisense nucleic acid of the invention comprises a sequence complementary to any WNV sequence. For example, in some embodiments, the antisense nucleic acid of the invention comprises a sequence complementary to any of the sequences of SEQ ID NOs 1-7,372; 16,410-24,320; and 35,592-35,616.

In one embodiment, the antisense nucleic acid molecule of the instant invention comprises a phosphorothicate core with both 3' and 5' -end modifications. In one aspect of this embodiment, the 3' and/or 5'- end modification contemplated by the instant invention is a 3',3'-inverted abasic moiety and/or a 5',5'-inverted abasic moiety, respectively.

The invention also provides a method for modulating the replication of WNV in a cell comprising the step of contacting said cell with the nucleic acid molecule of claim 1 under conditions suitable for said down regulation of WNV replication. In addition the invention provides a method for down regulating the replication of WNV in a mammal comprising the step of administering to said infected mammal a nucleic acid of claim 1. In one embodiment of the disclosed methods, the modulation of replication of WNV in a cell or mammal results in the down-regulation of WNV replication in the cell or mammal.

In one embodiment, the invention features a method of modulating WNV activity in a cell, comprising the step of contacting the cell with the nucleic acid molecule of the invention, under conditions suitable for the modulation of WNV activity. In one embodiment, the modulation results in the reduction of WNV activity. In a further embodiment, the invention features a method of treating a patient having a condition associated with the level of WNV, comprising contacting cells of the patient with the nucleic acid molecule of the invention, under conditions suitable for the treatment. In one embodiment, the method of treating a patient having a condition associated with the level of WNV comprises the use of one or more therapies under conditions suitable for the treatment, in conjunction with the nucleic acid molecule.

In another embodiment, the method for treating a patent having a condition associated with the level of WNV comprises administering to the patient a nucleic acid molecule that modulates expression of RNA derived from the WNV genome in conjunction with one or more of other therapies, such as antiviral agents and interferons. In one embodiment of the described method, the WNV RNA expression is down-regulated.

The invention further relates to a method of cleaving WNV RNA, comprising contacting the nucleic acid molecule of the invention with WNV RNA under conditions suitable for the cleavage of WNV RNA. In another embodiment, the method of cleaving WNV RNA is carried out in the presence of a divalent cation. In one embodiment, for example, the divalent cation is Mg²⁺.

The invention also contemplates a pharmaceutical composition comprising a nucleic acid molecule of the invention and a pharmaceutically acceptable carrier. In one embodiment, the invention features a kit for the treatment of a patient having a condition associated with the level of WNV, comprising the nucleic acid molecule of the invention. The invention also features a kit for detecting a level of WNV in a system, comprising the nucleic acid molecule of the invention.

The invention also features an expression vector comprising a nucleic acid sequence encoding one or more nucleic acid molecule (e.g, 1, 2, 3, 4 nucleic acid molecules) that can

be the same or different, of the invention (e.g., enzymatic nucleic acid and/or antisense), in a manner that allows expression of that nucleic acid molecule(s).

The nucleic acid-based molecules of the present invention are useful, alone or in combination with other therapies, for the prevention and/or treatment of diseases and conditions associated with WNV infection, such as pancreatitis, encephalitis, myocarditis, meningitis, neurologic infection, hepatitis, liver failure, hepatocellular carcinoma, cirrhosis, and any other diseases or conditions that are related to or respond to the levels of WNV in a cell or tissue.

The nucleic acid-based molecules of the invention can be added directly, or can be complexed with a delivery agent, such as a lipid, phospholipid, cationic lipid, packaged within a liposome(s), or otherwise delivered to target cells or tissues using the methods described herein and known in the art. The nucleic acid or nucleic acid complexes can be locally administered to relevant tissues ex vivo or in vivo through injection, infusion pump or stent, with or without their incorporation in biopolymers. In one embodiment, the enzymatic nucleic acid molecule comprises one or more sequences that are complementary to the substrate sequences in **Tables III to XIII**. Examples of the inventive enzymatic nucleic acid molecules comprise sequences which are also shown in **Tables III to XIII**.

In one embodiment, the invention features a method of administering to a cell, for example a mammalian cell or human cell, an enzymatic nucleic acid molecule of the invention comprising contacting the cell with the enzymatic nucleic acid molecule under conditions suitable for administration. The method of administration can be in the presence of a delivery reagent, for example, a lipid, cationic lipid, phospholipid, or liposome. In another embodiment, the invention features a method of administering to a cell an expression vector comprising a nucleic acid sequence encoding one or more nucleic acid molecules of the invention comprising contacting the cell with said vector under conditions suitable for administration.

Other features and advantages of the invention will be apparent from the following description of the preferred embodiments thereof, and from the claims.

BRIEF DESCRIPTION OF THE FIGURES

Figure 1 shows examples of chemically stabilized enzymatic nucleic acid motifs. "HH" represents hammerhead enzymatic nucleic acid motif (Usman et al., 1996, Curr. Op. Struct. Bio., 1, 527); "NCH" represents the NCH enzymatic nucleic acid motif (Ludwig & Sproat, International PCT Publication No. WO 98/58058); "G-Cleaver" represents G-cleaver

enzymatic nucleic acid motif (Kore et al., 1998, Nucleic Acids Research 26, 4116-4120). "N" or "n" represent independently a nucleotide that can be same or different and have complementarity to each other; "rI", represents ribo-Inosine nucleotide; arrow indicates the site of cleavage within the target. Position 4 of the HH Rz and the NCH Rz is shown as having 2'-C-allyl modification, but those skilled in the art will recognize that this position can be modified with other modifications well known in the art, so long as such modifications do not significantly inhibit the activity of the enzymatic nucleic acid.

Figure 2 shows an example of the Amberzyme enzymatic nucleic acid molecule motif that is chemically stabilized (see for example Beigelman *et al.*, International PCT publication No. WO 99/55857). The Amberzyme motif is a class of enzymatic nucleic molecules that do not require the presence of a ribonucleotide (2'-OH) group for its activity.

Figure 3 shows an example of the Zinzyme A enzymatic nucleic acid molecule motif that is chemically stabilized (see for example Beigelman *et al.*, Beigelman *et al.*, International PCT publication No. WO 99/55857). The Zinzyme motif is a class of enzymatic nucleic molecules that do not require the presence of a ribonucleotide (2'-OH) group for its activity.

Figure 4 shows an example of a DNAzyme motif (e.g., "10-23") described by Santoro et al., 1997, PNAS, 94, 4262.

DETAILED DESCRIPTION OF THE INVENTION

Due to sequence variability of the WNV genome, it is preferable to target the conserved regions of the WNV genome with the nucleic acid molecules of the instant invention. Accordingly, the present invention describes nucleic acid molecules targeting the conserved regions of the WNV genome. Conserved regions of the WNV genome include the 39-UTR, E, NS3, and NS5 regions. Nucleic acid molecules designed against these and other conserved regions of various WNV isolates enable, for example the down regulation of WNV replication in diverse patient populations, as well as ensure the effectiveness of the nucleic acid molecules against WNV quasi species that evolve due to mutations in the non-conserved regions of the WNV genome. For instance, a single nucleic acid molecule (such as an enzymatic nucleic acid molecule) can be targeted to inhibit all known strains and variants of WNV by targeting the nucleic acid to a conserved sequence present in all WNV genomes.

The present invention relates to a nucleic acid molecule that modulates the replication of WNV. For example, the nucleic acid molecule can be an enzymatic nucleic acid, an allozyme, an antisense nucleic acid, a 2', 5'-A nucleic acid, triplex forming nucleic acid, dsRNA, siRNA or decoy nucleic acid molecule.

In one embodiment of the present invention, a nucleic acid molecule of the instant invention can be between 12 and 100 nucleotides in length. Exemplary enzymatic nucleic acid molecules of the invention are shown in Table III-XIII. For example, enzymatic nucleic acid molecules of the invention can be between 15 and 50 nucleotides in length, and in another embodiment between 25 and 40 nucleotides in length, e.g., 34, 36, or 38 nucleotides in length (for example see Jarvis et al., 1996, J. Biol. Chem., 271, 29107-29112). Exemplary DNAzymes of the invention are can between 15 and 40 nucleotides in length, and in one embodiment, between 25 and 35 nucleotides in length, e.g., 29, 30, 31, or 32 nucleotides in length (see, e.g., Santoro et al., 1998, Biochemistry, 37, 13330-13342; Chartrand et al., 1995, Nucleic Acids Research, 23, 4092-4096). Exemplary antisense molecules of the invention can be between 15 and 75 nucleotides in length, and in one embodiment between 20 and 35 nucleotides in length, e.g., 25, 26, 27, or 28 nucleotides in length (see for example Woolf et al., 1992, PNAS., 89, 7305-7309; Milner et al., 1997, Nature Biotechnology, 15, 537-541). Exemplary triplex forming oligonucleotide molecules of the invention are between 10 and 40 nucleotides in length, and in one embodiment are between 12 and 25 nucleotides in length, e.g., 18, 19, 20, or 21 nucleotides in length (see for example Maher et al., 1990, Biochemistry, 29, 8820-8826; Strobel and Dervan, 1990, Science, 249, 73-75). Those skilled in the art will recognize that all that is required is for the nucleic acid molecule to be of length and conformation sufficient and suitable for the nucleic acid molecule to catalyze a reaction contemplated herein. The length of the nucleic acid molecules of the instant invention are not limiting within the general limits stated.

The invention relates to a class of nucleic acid-based molecules that exhibit a high degree of specificity for the RNA of a desired target, such as WNV RNA. In one embodiment, the enzymatic nucleic acid molecule is targeted to a highly conserved sequence region of RNA encoding the WNV genome and/or proteins, such that specific treatment of a disease or condition associated with WNV is provided using one or more nucleic acid molecules of the invention. In addition, the nucleic acid based molecule can be targeted to RNAs that share homology with the WNV gene. The nucleic acid molecules of the invention can be delivered exogenously to specific tissue or cellular targets as required. Alternatively, the nucleic acid molecules (e.g., enzymatic nucleic acids and antisense) can be expressed from DNA and/or RNA vectors that are delivered to specific cells.

In yet another embodiment, the invention features antisense nucleic acid molecules, dsRNA, and 2-5A chimera including sequences complementary to the substrate sequences shown in **Tables III to XIII**. Such nucleic acid molecules can include sequences as shown for the binding arms of the enzymatic nucleic acid molecules in **Tables III to XIII**. Similarly, triplex molecules targeted to the corresponding DNA target regions, and containing the DNA equivalent of a target sequence or a sequence complementary to the specified target

(substrate) sequence are provided. Typically, antisense molecules are complementary to a target sequence along a single contiguous sequence of the antisense molecule. However, in certain embodiments, the antisense molecule can bind to substrate such that the substrate molecule forms a loop, and/or the antisense molecule binds such that the antisense molecule forms a loop. Thus, the antisense molecule can be complementary to two or more non-contiguous substrate sequences, or two or more non-contiguous sequence portions of an antisense molecule can be complementary to a target sequence, or both.

The nucleic acid molecules of the present invention can be expressed from transcription units inserted into DNA or RNA vectors. The recombinant vectors can be DNA plasmids or viral vectors. Enzymatic nucleic acid or antisense expressing viral vectors can be constructed based on, but not limited to, adeno-associated virus, retrovirus, adenovirus, or alphavirus. In one embodiment, the recombinant vectors capable of expressing the enzymatic nucleic acids or antisense are delivered as described herein, and persist in target cells. Alternatively, viral vectors can be used that provide for transient expression of enzymatic nucleic acids or antisense. Such vectors can be repeatedly administered as necessary. Once expressed, the enzymatic nucleic acids or antisense bind to the target RNA and modulate its function or expression. Delivery of enzymatic nucleic acid or antisense expressing vectors can be systemic, such as by intravenous or intramuscular administration, by administration to target cells ex-planted from the patient followed by reintroduction into the patient, or by any other means that would allow for introduction into the desired target cell. Antisense DNA or DNAzymes can be expressed endogenously via the use of a single stranded DNA intracellular expression vector.

The nucleic acid molecules of the instant invention, individually, or in combination or in conjunction with other drugs, can be used to treat diseases or conditions discussed herein. For example, to treat a disease or condition associated with the levels of WNV, the nucleic acid molecules can be administered to a patient or can be administered to other appropriate cells evident to those skilled in the art, individually or in combination with one or more drugs under conditions suitable for the treatment.

In a further embodiment, the described molecules, such as antisense or enzymatic nucleic acids, can be used in combination with other known treatments to treat conditions. For example, the described molecules can be used in combination with one or more known therapeutic agents to treat WNV infection, pancreatitis, encephalitis, myocarditis, meningitis, neurologic infection, hepatitis, liver failure, hepatocellular carcinoma, cirrhosis, and/or other disease states associated with WNV infection.

In another embodiment, the invention features nucleic acid-based inhibitors (e.g., enzymatic nucleic acid molecules, antisense nucleic acids, 2-5A antisense chimeras, triplex

forming oligonucleotides, antisense nucleic acids containing RNA cleaving chemical groups) and methods for their use to down regulate or inhibit the expression of genes (e.g., WNV) capable of progression and/or maintenance of WNV infection, pancreatitis, encephalitis, myocarditis, meningitis, neurologic infection, hepatitis, liver failure, hepatocellular carcinoma, cirrhosis, and/or other disease states; associated with WNV infection. Such genes can be cellular genes that are involved, and/or essential for the replication and/or propagation of WNV. Nucleic acid molecules targeting such cellular gene expression is useful in the modulation of WNV replication and/or propagation.

By "modulate" is meant that the expression of the gene, or level of RNA molcules or equivalent RNA molecules encoding one or more WNV protein or WNV protein subunits, or activity of one or more WNV protein or WNV protein subunits is up-regulated or down-regulated, such that the expression, level, or activity is greater than or less than that observed in the absence of a nucleic acid molecule of the invention.

By "inhibit", "down-regulate", or "reduce", it is meant that the expression of the gene, or level of RNA molecules or equivalent RNA molecules encoding one or more proteins or protein subunits, or activity of one or more proteins or protein subunits, such as WNV proteins or WNV subunit(s), is reduced below that observed in the absence of the nucleic acid molecules of the invention. In one embodiment, inhibition, down-regulation or reduction with an enzymatic nucleic acid molecule is below that level observed in the presence of an enzymatically inactive or attenuated molecule that is able to bind to the same site on the target RNA molecule, but is unable to cleave that RNA molecule. In another embodiment, inhibition, down-regulation, or reduction with antisense oligonucleotides is below that level observed in the presence of, for example, an oligonucleotide with scrambled sequence or with mismatches. In another embodiment, inhibition, down-regulation, or reduction of WNV with a nucleic acid molecule of the instant invention is greater in the presence of the nucleic acid molecule than in its absence.

By "up-regulate" is meant that the expression of a gene, or level of RNA molecules or equivalent RNA molecules encoding one or more proteins, protein subunits, or activity of one or more proteins or protein subunits, such WNV proteins or WNV subunits, is greater than that observed in the absence of the nucleic acid molecules of the invention. For example, the expression of a gene, such as a WNV gene, can be increased in order to treat, prevent, ameliorate, or modulate a pathological condition caused or exacerbated by an absence or low level of gene expression.

By "enzymatic nucleic acid molecule" it is meant a nucleic acid molecule that has complementarity in a substrate binding region to a specified gene target, and also has an enzymatic activity that is active to specifically cleave target a RNA molecule. That is, the

enzymatic nucleic acid molecule is able to intermolecularly cleave a RNA molecule and thereby inactivate a target RNA molecule. These complementary regions allow sufficient hybridization of an enzymatic nucleic acid molecule to a target RNA molecule and thus permit cleavage. One hundred percent complementarity is preferred, but complementarity as low as 50-75% can also be useful in this invention (see for example Werner and Uhlenbeck, 1995, Nucleic Acids Research, 23, 2092-2096; Hammann et al., 1999, Antisense and Nucleic Acid Drug Dev., 9, 25-31). The nucleic acids can be modified at the base, sugar, and/or phosphate groups. The term enzymatic nucleic acid is used interchangeably with phrases such as ribozymes, catalytic RNA, enzymatic RNA, catalytic DNA, aptazyme or aptamer-binding ribozyme, regulatable ribozyme, catalytic oligonucleotides, nucleozyme, DNAzyme, RNA enzyme, endoribonuclease, endonuclease, minizyme, leadzyme, oligozyme or DNA enzyme. All of these terminologies describe nucleic acid molecules with enzymatic activity. The specific enzymatic nucleic acid molecules described in the instant application are not limiting in the invention and those skilled in the art will recognize that all that is important in an enzymatic nucleic acid molecule of this invention is that it has a specific substrate binding site that is complementary to one or more of the target nucleic acid regions, and that it have nucleotide sequences within or surrounding that substrate binding site which impart a nucleic acid cleaving and/or ligation activity to the molecule (Cech et al., U.S. Patent No. 4,987,071; Cech et al., 1988, 260 JAMA 3030).

By "nucleic acid molecule" as used herein is meant a molecule comprising nucleotides. The nucleic acid can be single, double, or multiple stranded and can comprise modified or unmodified nucleotides or non-nucleotides or various mixtures and combinations thereof.

By "enzymatic portion" or "catalytic domain" is meant that portion/region of the enzymatic nucleic acid molecule essential for cleavage of a nucleic acid substrate (for example, see Figures 1-4).

By "substrate binding arm" or "substrate binding domain" is meant that portion/region of a enzymatic nucleic acid that is able to interact, for example, via complementarity (i.e., able to base-pair with), with a portion of its substrate. Such complementarity can be 100%, but can be less if desired. For example, as few as 10 bases out of 14 can be base-paired (see for example Werner and Uhlenbeck, 1995, Nucleic Acids Research, 23, 2092-2096; Hammann et al., 1999, Antisense and Nucleic Acid Drug Dev., 9, 25-31). Examples of such arms are shown generally in Figures 1-4. That is, these arms contain sequences within a enzymatic nucleic acid that are intended to bring enzymatic nucleic acid and target RNA together through complementary base-pairing interactions. The enzymatic nucleic acid of the invention can have binding arms that are contiguous or non-contiguous and can be of varying lengths. The length of the binding arm(s) can be greater than or equal to four nucleotides and

of sufficient length to stably interact with a target RNA; in one embodiment they can be 12-100 nucleotides; in another embodiment they can be 14-24 nucleotides long (see for example Werner and Uhlenbeck, supra; Hamman et al., supra; Hampel et al., EP0360257; Berzal-Herranze et al., 1993, EMBO J., 12, 2567-73) or between 8 and 14 nucleotides long. If two binding arms are chosen, the design is such that the length of the binding arms are symmetrical (i.e., each of the binding arms is of the same length; e.g., four and four, five and five nucleotides, or six and six nucleotides, or seven and seven nucleotides long) or asymmetrical (i.e., the binding arms are of different length; e.g., three and five, six and three nucleotides; three and six nucleotides long; four and five nucleotides long; four and six nucleotides long; four and seven nucleotides long; four and the like).

By "Inozyme" or "NCH" motif or configuration is meant, an enzymatic nucleic acid molecule comprising a motif as is generally described as NCH Rz in Figure 2. Inozymes possess endonuclease activity to cleave RNA substrates having a cleavage triplet NCH/, where N is a nucleotide, C is cytidine and H is adenosine, uridine or cytidine, and / represents the cleavage site. H is used interchangeably with X. Inozymes can also possess endonuclease activity to cleave RNA substrates having a cleavage triplet NCN/, where N is a nucleotide, C is cytidine, and / represents the cleavage site. "T" in Figure 2 represents an Inosine nucleotide, including a ribo-Inosine or xylo-Inosine nucleoside.

By "G-cleaver" motif or configuration is meant, an enzymatic nucleic acid molecule comprising a motif as is generally described as G-cleaver Rz in Figure 2. G-cleavers possess endonuclease activity to cleave RNA substrates having a cleavage triplet NYN/, where N is a nucleotide, Y is uridine or cytidine and / represents the cleavage site. G-cleavers can be chemically modified as is generally shown in Figure 2.

By "zinzyme" motif or configuration is meant, an enzymatic nucleic acid molecule comprising a motif as is generally described in Figure 4. Zinzymes possess endonuclease activity to cleave RNA substrates having a cleavage triplet including but not limited to, YG/Y, where Y is uridine or cytidine, and G is guanosine and / represents the cleavage site. Zinzymes can be chemically modified to increase nuclease stability through substitutions as are generally shown in Figure 4, including substituting 2'-O-methyl guanosine nucleotides for guanosine nucleotides. In addition, differing nucleotide and/or non-nucleotide linkers can be used to substitute the 5'-gaaa-2' loop shown in the figure. Zinzymes represent a non-limiting example of an enzymatic nucleic acid molecule that does not require a ribonucleotide (2'-OH) group within its own nucleic acid sequence for activity.

By "amberzyme" motif or configuration is meant, an enzymatic nucleic acid molecule comprising a motif as is generally described in Figure 3. Amberzymes possess endonuclease activity to cleave RNA substrates having a cleavage triplet NG/N, where N is a nucleotide, G

is guanosine, and / represents the cleavage site. Amberzymes can be chemically modified to increase nuclease stability through substitutions as are generally shown in Figure 3. In addition, differing nucleoside and/or non-nucleoside linkers can be used to substitute the 5'-gaaa-3' loops shown in the figure. Amberzymes represent a non-limiting example of an enzymatic nucleic acid molecule that does not require a ribonucleotide (2'-OH) group within its own nucleic acid sequence for activity.

By 'DNAzyme' is meant, an enzymatic nucleic acid molecule that does not require the presence of a 2'-OH group within its own nucleic acid sequence for activity. In particular embodiments, the enzymatic nucleic acid molecule can have an attached linker or linkers or other attached or associated groups, moieties, or chains containing one or more nucleotides with 2'-OH groups. DNAzymes can be synthesized chemically or expressed endogenously in vivo, by means of a single stranded DNA vector or equivalent thereof. An example of a DNAzyme is shown in Figure 5 and is generally reviewed in Usman et al., US patent No., 6,159,714; Chartrand et al., 1995, NAR 23, 4092; Breaker et al., 1995, Chem. Bio. 2, 655; Santoro et al., 1997, PNAS 94, 4262; Breaker, 1999, Nature Biotechnology, 17, 422-423; and Santoro et. al., 2000, J. Am. Chem. Soc., 122, 2433-39. The "10-23" DNAzyme motif is one particular type of DNAzyme that was evolved using in vitro selection (see Santoro et al., supra). Additional DNAzyme motifs can be selected for using techniques similar to those described in these references, and hence, are within the scope of the present invention.

By "sufficient length" is meant an oligonucleotide of greater than or equal to 3 nucleotides in length and long enough to provide the intended function (such as binding) under the expected condition. For example, for binding arms of enzymatic nucleic acid "sufficient length" means that the binding arm sequence is long enough to provide stable binding to a target site under the expected reaction conditions and environment. The binding arms are not so long as to prevent useful turnover of the nucleic acid molecule.

By "stably interact" is meant interaction of the oligonucleotides with target nucleic acid (e.g., by forming hydrogen bonds with complementary nucleotides in the target under physiological conditions) that is sufficient for the intended purpose (e.g., cleavage of target RNA by an enzyme).

By RNA "equivalent" to WNV is meant to include any naturally occurring RNA molecule having a degree of homology (partial or complete, for example 70% to 100% homology) with an RNA molecule encoding a WNV protein or an RNA encoding aprotein with similar function as a WNV protein in various organisms, including, for example, human, birds, rodent, primate, and other organisms and parasites. The equivalent RNA sequence can include in addition to the coding region, regions such as 5'-untranslated region, 3'-

untranslated region, introns, intron-exon junction and the like. By "homology" or "degree of homology" is meant the degree to which the nucleotide sequence of two or more nucleic acid molecules that are partially or completely identical.

By "antisense nucleic acid", it is meant a non-enzymatic nucleic acid molecule that binds to target RNA by means of RNA-RNA or RNA-DNA or RNA-PNA (protein nucleic acid; Egholm et al., 1993 Nature 365, 566) interactions and alters the activity of the target RNA (for a review, see Stein and Cheng, 1993 Science 261, 1004 and Woolf et al., US patent No. 5,849,902). Typically, antisense molecules are complementary to a target sequence along a single contiguous sequence of the antisense molecule. However, in certain embodiments, an antisense molecule can bind to substrate such that the substrate molecule forms a loop, and/or an antisense molecule can bind such that the antisense molecule forms a loop. Thus, the antisense molecule can be complementary to two or more non-contiguous substrate sequences or two or more non-contiguous sequence portions of an antisense molecule can be complementary to a target sequence, or both. For a review of current antisense strategies, see Schmajuk et al., 1999, J. Biol. Chem., 274, 21783-21789, Delihas et al., 1997, Nature, 15, 751-753, Stein et al., 1997, Antisense N. A. Drug Dev., 7, 151, Crooke, 2000, Methods Enzymol., 313, 3-45; Crooke, 1998, Biotech. Genet. Eng. Rev., 15, 121-157, Crooke, 1997, Ad. Pharmacol., 40, 1-49. In addition, antisense DNA can be used to target RNA by means of DNA-RNA interactions, thereby activating RNase H, that digests the target RNA in the duplex. The antisense oligonucleotides can comprise one or more RNAse H activating region that is capable of activating RNAse H cleavage of a target RNA. Antisense DNA can be synthesized chemically or expressed via the use of a single stranded DNA expression vector or equivalent thereof.

By "RNase H activating region" is meant a region (generally greater than or equal to 4-25 nucleotides in length, and in one embodiment from 5-11 nucleotides in length) of a nucleic acid molecule capable of binding to a target RNA to form a non-covalent complex that is recognized by cellular RNase H enzyme (see for example Arrow et al., US 5,849,902; Arrow et al., US 5,989,912). The RNase H enzyme binds to the nucleic acid molecule-target RNA complex and cleaves the target RNA sequence. The RNase H activating region comprises, for example, phosphodiester, phosphorothioate (for example, at least four of the nucleotides are phosphorothiote substitutions; and in another embodiment, 4-11 of the nucleotides are phosphorothiote substitutions); phosphorodithioate, 5'-thiophosphate, or methylphosphonate backbone chemistry or a combination thereof. In addition to one or more backbone chemistries described above, the RNase H activating region can also comprise a variety of sugar chemistries. For example, the RNase H activating region can comprise deoxyribose, arabino, fluoroarabino or a combination thereof, nucleotide sugar chemistry. Those skilled in the art will recognize that the foregoing are non-limiting examples and that

any combination of phosphate, sugar and base chemistry of a nucleic acid that supports the activity of RNase H enzyme is within the scope of the definition of the RNase H activating region and the instant invention.

By "2-5A antisense chimera" is meant an antisense oligonucleotide containing a 5'-phosphorylated 2'-5'-linked adenylate residue. These chimeras bind to target RNA in a sequence-specific manner and activate a cellular 2-5A-dependent ribonuclease that, in turn, cleaves the target RNA (Torrence et al., 1993 Proc. Natl. Acad. Sci. USA 90, 1300; Silverman et al., 2000, Methods Enzymol., 313, 522-533; Player and Torrence, 1998, Pharmacol. Ther., 78, 55-113).

By "triplex forming oligonucleotides" is meant an oligonucleotide that can bind to a double-stranded DNA in a sequence-specific manner to form a triple-strand helix. Formation of such triple helix structure has been shown to inhibit transcription of the targeted gene (Duval-Valentin et al., 1992 Proc. Natl. Acad. Sci. USA 89, 504; Fox, 2000, Curr. Med. Chem., 7, 17-37; Praseuth et. al., 2000, Biochim. Biophys. Acta, 1489, 181-206).

By "gene" it is meant a nucleic acid that encodes an RNA, for example, nucleic acid sequences including, but not limited to, structural genes encoding a polypeptide.

By "WNV proteins" is meant, a protein or a mutant protein derivative thereof, comprising a protein/peptide encoded by WNV RNA.

"Complementarity" refers to the ability of a nucleic acid to form hydrogen bond(s) with another RNA molecule by either traditional Watson-Crick or other non-traditional types. In reference to the nucleic molecules of the present invention, the binding free energy for a nucleic acid molecule with its target or complementary sequence is sufficient to allow the relevant function of the nucleic acid to proceed, e.g., enzymatic nucleic acid cleavage, antisense or triple helix inhibition. Determination of binding free energies for nucleic acid molecules is well known in the art (see, e.g., Turner et al., 1987, CSH Symp. Quant. Biol. LII pp.123-133; Frier et al., 1986, Proc. Nat. Acad. Sci. USA 83:9373-9377; Turner et al., 1987, J. Am. Chem. Soc. 109:3783-3785). A percent complementarity indicates the percentage of contiguous residues in a nucleic acid molecule that can form hydrogen bonds (e.g., Watson-Crick base pairing) with a second nucleic acid sequence (e.g., 5, 6, 7, 8, 9, 10 out of 10 being 50%, 60%, 70%, 80%, 90%, and 100% complementary). "Perfectly complementary" means that all the contiguous residues of a nucleic acid sequence will hydrogen bond with the same number of contiguous residues in a second nucleic acid sequence.

By "RNA" is meant a molecule comprising at least one ribonucleotide residue. By "ribonucleotide" or "2'-OH" is meant a nucleotide with a hydroxyl group at the 2' position of a β -D-ribo-furanose moiety.

By "decoy RNA" is meant a RNA molecule that mimics the natural binding domain for a ligand. The decoy RNA therefore competes with natural binding target for the binding of a specific ligand. For example, it has been shown that over-expression of HIV trans-activation response (TAR) RNA can act as a "decoy" and efficiently binds HIV tat protein, thereby preventing it from binding to TAR sequences encoded in the HIV RNA (Sullenger et al., 1990, Cell, 63, 601-608). This is but a specific example and those in the art will recognize that other embodiments can be readily generated using techniques generally known in the art, see for example Gold et al., 1995, Annu. Rev. Biochem., 64, 763; Brody and Gold, 2000, J. Biotechnol., 74, 5; Sun, 2000, Curr. Opin. Mol. Ther., 2, 100; Kusser, 2000, J. Biotechnol., 74, 27; Hermann and Patel, 2000, Science, 287, 820; and Jayasena, 1999, Clinical Chemistry, 45, 1628.

The term "double stranded RNA" or "dsRNA" as used herein refers to a double stranded RNA molecule capable of RNA interference, including short interfering RNA "siRNA" (see, e.g., Bass, 2001, *Nature*, 411, 428-429; Elbashir et al., 2001, *Nature*, 411, 494-498).

The term "allozyme" as used herein refers to an allosteric enzymatic nucleic acid molecule, see, e.g., George et al., US Patent Nos. 5,834,186 and 5,741,679, Shih et al., US Patent No. 5,589,332, Nathan et al., US Patent No 5,871,914, Nathan and Ellington, International PCT publication No. WO 00/24931, Breaker et al., International PCT Publication Nos. WO 00/26226 and 98/27104, and Sullenger et al., International PCT publication No. WO 99/29842. The term "2-5A chimera" as used herein refers to an oligonucleotide containing a 5'-phosphorylated 2'-5'-linked adenylate residue. These chimeras bind to target RNA in a sequence-specific manner and activate a cellular 2-5A-dependent ribonuclease which, in turn, cleaves the target RNA (Torrence et al., 1993 Proc. Natl. Acad. Sci. USA 90, 1300; Silverman et al., 2000, Methods Enzymol., 313, 522-533; Player and Torrence, 1998, Pharmacol. Ther., 78, 55-113).

The term "triplex forming oligonucleotides" as used herein refers to an oligonucleotide that can bind to a double-stranded DNA in a sequence-specific manner to form a triple-strand helix. Formation of such triple helix structure has been shown to inhibit transcription of the targeted gene (Duval-Valentin et al., 1992 Proc. Natl. Acad. Sci. USA 89, 504; Fox, 2000, Curr. Med. Chem., 7, 17-37; Praseuth et. al., 2000, Biochim. Biophys. Acta, 1489, 181-206).

By "vectors" is meant any nucleic acid and/or viral-based molecule used to deliver a desired nucleic acid.

By "patient" is meant an organism that is a donor or recipient of explanted cells or the cells themselves. "Patient" also refers to an organism to that the nucleic acid molecules of the

invention can be administered. In one embodiment, a patient can be a mammal or mammalian cells. In another embodiment, a patient is a human or human cells.

By "enhanced enzymatic activity" is meant to include activity measured in vitro and/or in vivo where the activity is a reflection of both the catalytic activity and the stability of the nucleic acid molecules of the invention. In this invention, the product of these activities can be increased in vitro and/or in vivo compared to an all RNA enzymatic nucleic acid or an all DNA enzyme. In some cases, the activity or stability of the nucleic acid molecule can be decreased (i.e., less than ten-fold), but the overall activity of the nucleic acid molecule is enhanced, in vitro and/or in vivo.

By "cap structure" is meant chemical modifications that have been incorporated at either terminus of the oligonucleotide (see for example Wincott et al., WO 97/26270, incorporated by reference herein). These terminal modifications protect the nucleic acid molecule from exonuclease degradation, and can help in delivery and/or localization within a cell. The cap can be present at the 5'-terminus (5'-cap) or at the 3'-terminus (3'-cap) or can be present on both terminus. In non-limiting examples, the 5'-cap is selected from the group consisting of inverted abasic residue (moiety), 4',5'-methylene nucleotide; 1-(beta-Derythrofuranosyl) nucleotide, 4'-thio nucleotide, carbocyclic nucleotide; 1.5-anhydrohexitol nucleotide; L-nucleotides; alpha-nucleotides; modified base nucleotide; phosphorodithioate linkage; threo-pentofuranosyl nucleotide; acyclic 3',4'-seco nucleotide; acyclic 3,4dihydroxybutyl nucleotide; acyclic 3,5-dihydroxypentyl nucleotide, 3'-3'-inverted nucleotide moiety; 3'-3'-inverted abasic moiety; 3'-2'-inverted nucleotide moiety; 3'-2'-inverted abasic moiety; 1,4-butanediol phosphate; 3'-phosphoramidate; hexylphosphate; aminohexyl phosphate; 3'-phosphorothioate; phosphorodithioate; or bridging or nonbridging methylphosphonate moiety (for more details see Wincott et al., International PCT publication No. WO 97/26270, incorporated by reference herein). In yet another preferred embodiment the 3'-cap is selected from a group comprising, 4',5'-methylene nucleotide; 1-(beta-D-erythrofuranosyl) nucleotide; 4'-thio nucleotide, carbocyclic nucleotide; 5'-aminoalkyl phosphate; 1,3-diamino-2-propyl phosphate, 3-aminopropyl phosphate; 6-aminohexyl phosphate; 1,2-aminododecyl phosphate; hydroxypropyl phosphate; 1,5-anhydrohexitol nucleotide; L-nucleotide; alpha-nucleotide; modified base nucleotide; phosphorodithioate; threo-pentofuranosyl nucleotide; acyclic 3',4'-seco nucleotide; 3,4-dihydroxybutyl nucleotide; 3,5-dihydroxypentyl nucleotide, 5'-5'-inverted nucleotide moiety; 5'-5'-inverted abasic moiety; 5'-phosphoramidate; 5'-phosphorothioate; 1,4-butanediol phosphate; 5'-amino; bridging

and/or non-bridging 5'-phosphoramidate, phosphorothioate and/or phosphorodithioate, bridging or non bridging methylphosphonate and 5'-mercapto moieties (see Beaucage and Iyer, 1993, *Tetrahedron* 49, 1925; incorporated by reference herein).

An "alkyl" group refers to a saturated aliphatic hydrocarbon, including straight-chain, branched-chain, and cyclic alkyl groups. The alkyl group can have, for example, 1 to 12 carbons. In one embodiment of the invention, the alkyl group is a lower alkyl of from 1 to 7 carbons. In another embodiment the alkyl group is 1 to 4 carbons. The alkyl group can be substituted or unsubstituted. When substituted the substituted group(s) can be hydroxyl, cyano, alkoxy, =0, =S, NO2 or N(CH3)2, amino, or SH. The term also includes alkenyl groups which are unsaturated hydrocarbon groups containing at least one carbon-carbon double bond, including straight-chain, branched-chain, and cyclic groups. The alkenyl group can have, for example, 1 to 12 carbons. In one embodiment of the invention the alkenyl group can be a lower alkenyl of from 1 to 7 carbons. In another embodiment the alkenyl group can be 1 to 4 carbons. The alkenyl group can be substituted or unsubstituted. When substituted the substituted group(s) can be, for example, hydroxyl, cyano, alkoxy, =0, =S, NO₂, halogen, N(CH₃)₂, amino, or SH. The term "alkyl" also includes alkynyl groups which have an unsaturated hydrocarbon group containing at least one carbon-carbon triple bond, including straight-chain, branched-chain, and cyclic groups. , The alkynyl group can have, for example, 1 to 12 carbons. In one embodiment of the invention, the alkynyl group is a lower alkynyl of from 1 to 7 carbons. In another embodiment of the invention, the alkynyl group is 1 to 4 carbons. The alkynyl group can be substituted or unsubstituted. When substituted the substituted group(s) can be, for example, hydroxyl, cyano, alkoxy, =0, =S, NO₂ or N(CH3)₂, amino or SH.

Such alkyl groups can also include aryl, alkylaryl, carbocyclic aryl, heterocyclic aryl, amide and ester groups. An "aryl" group refers to an aromatic group that has at least one ring having a conjugated p electron system and includes carbocyclic aryl, heterocyclic aryl and biaryl groups, all of that can be optionally substituted. The preferred substituent(s) of aryl groups are halogen, trihalomethyl, hydroxyl, SH, OH, cyano, alkoxy, alkyl, alkenyl, alkynyl, and amino groups. An "alkylaryl" group refers to an alkyl group (as described above) covalently joined to an aryl group (as described above). Carbocyclic aryl groups are groups wherein the ring atoms on the aromatic ring are all carbon atoms. The carbon atoms are optionally substituted. Heterocyclic aryl groups are groups having from 1 to 3 heteroatoms as ring atoms in the aromatic ring and the remainder of the ring atoms are carbon atoms. Suitable heteroatoms include oxygen, sulfur, and nitrogen, and include furanyl, thienyl, pyridyl, pyrrolyl, N-lower alkyl pyrrolo, pyrimidyl, pyrazinyl, imidazolyl and the like, all optionally substituted. An "amide" refers to an -C(O)-NH-R, where R is either alkyl, aryl,

alkylaryl or hydrogen. An "ester" refers to an -C(O)-OR', where R is either alkyl, aryl, alkylaryl or hydrogen.

By "nucleotide" is meant a heterocyclic nitrogenous base in N-glycosidic linkage with a phosphorylated sugar. Nucleotides are recognized in the art to include natural bases (standard), and modified bases well known in the art. Such bases are generally located at the 1' position of a nucleotide sugar moiety. Nucleotides generally comprise a base, sugar and a phosphate group. The nucleotides can be unmodified or modified at the sugar, phosphate and/or base moiety, (also referred to interchangeably as nucleotide analogs, modified nucleotides, non-natural nucleotides, non-standard nucleotides and other; see for example, Usman and McSwiggen, supra; Eckstein et al., International PCT Publication No. WO 92/07065; Usman et al., International PCT Publication No. WO 93/15187; Uhlman & Peyman, supra all are hereby incorporated by reference herein). There are several examples of modified nucleic acid bases known in the art as summarized by Limbach et al., 1994, Nucleic Acids Res. 22, 2183. Some of the non-limiting examples of chemically modified and other natural nucleic acid bases that can be introduced into nucleic acids include, for example, inosine, purine, pyridin-4-one, pyridin-2-one, phenyl, pseudouracil, 2, 4, 6-trimethoxy benzene, 3-methyl uracil, dihydrouridine, naphthyl, aminophenyl, 5-alkylcytidines (e.g., 5-methylcytidine), 5-alkyluridines (e.g., ribothymidine), 5-halouridine (e.g., 5-bromouridine) or 6-azapyrimidines or 6-alkylpyrimidines (e.g. 6-methyluridine), propyne, quesosine, 2thiouridine, 4-thiouridine. wybutosine, wybutoxosine, 4-acetylcytidine, 5-(carboxyhydroxymethyl)uridine, 5'-carboxymethylaminomethyl-2-thiouridine, 5carboxymethylaminomethyluridine, beta-D-galactosylqueosine, 1-methyladenosine. 1-2,2-dimethylguanosine, 3-methylcytidine, 2-methyladenosine, methylinosine, 2methylguanosine, N6-methyladenosine, 7-methylguanosine, 5-methoxyaminomethyl-2thiouridine. 5-methylaminomethyluridine. 5-methylcarbonylmethyluridine, 5methyloxyuridine, 5-methyl-2-thiouridine, 2-methylthio-N6-isopentenyladenosine, beta-Dmannosylqueosine, uridine-5-oxyacetic acid, 2-thiocytidine, threonine derivatives and others (Burgin et al., 1996, Biochemistry, 35, 14090; Uhlman & Peyman, supra). By "modified bases" in this aspect is meant nucleotide bases other than adenine, guanine, cytosine and uracil at 1' position or their equivalents; such bases can be used at any position, for example, within the catalytic core of an enzymatic nucleic acid molecule and/or in the substrate-binding regions of the nucleic acid molecule.

By "nucleoside" is meant a heterocyclic nitrogenous base in N-glycosidic linkage with a sugar. Nucleosides are recognized in the art to include natural bases (standard), and modified bases well known in the art. Such bases are generally located at the 1' position of a nucleoside sugar moiety. Nucleosides generally comprise a base and sugar group. The nucleosides can be unmodified or modified at the sugar, and/or base moiety, (also referred to

interchangeably as nucleoside analogs, modified nucleosides, non-natural nucleosides, nonstandard nucleosides and other; see for example, Usman and McSwiggen, supra; Eckstein et al., International PCT Publication No. WO 92/07065; Usman et al., International PCT Publication No. WO 93/15187; Uhlman & Peyman, supra all are hereby incorporated by reference herein). There are several examples of modified nucleic acid bases known in the art as summarized by Limbach et al., 1994, Nucleic Acids Res. 22, 2183. Some of the nonlimiting examples of chemically modified and other natural nucleic acid bases that can be introduced into nucleic acids include, inosine, purine, pyridin-4-one, pyridin-2-one, phenyl, pseudouracil, 2, 4, 6-trimethoxy benzene, 3-methyl uracil, dihydrouridine, naphthyl, aminophenyl, 5-alkylcytidines (e.g., 5-methylcytidine), 5-alkyluridines (e.g., ribothymidine), 5-halouridine (e.g., 5-bromouridine) or 6-azapyrimidines or 6-alkylpyrimidines (e.g. 6methyluridine), propyne, quesosine, 2-thiouridine, 4-thiouridine, wybutosine, wybutososine, 4-acetylcytidine, 5-(carboxyhydroxymethyl)uridine, 5'-carboxymethylaminomethyl-2thiouridine, 5-carboxymethylaminomethyluridine, beta-D-galactosylqueosine, 1-2,2-dimethylguanosine, 3-methylcytidine, methyladenosine, 1-methylinosine, 2methyladenosine, 2-methylguanosine, N6-methyladenosine, 7-methylguanosine, 5-5-methylaminomethyluridine, 5methoxyaminomethyl-2-thiouridine, methylcarbonylmethyluridine, 5-methyloxyuridine, 5-methyl-2-thiouridine, 2-methylthio-N6isopentenyladenosine, beta-D-mannosylqueosine, uridine-5-oxyacetic acid, 2-thiocytidine, threonine derivatives and others (Burgin et al., 1996, Biochemistry, 35, 14090; Uhlman & Peyman, supra). By "modified bases" in this aspect is meant nucleoside bases other than adenine, guanine, cytosine and uracil at 1' position or their equivalents; such bases can be used at any position, for example, within the catalytic core of an enzymatic nucleic acid molecule and/or in the substrate-binding regions of the nucleic acid molecule.

By "abasic" or "abasic nucleotide" is meant sugar moieties lacking a base or having other chemical groups in place of a base at the 1' position, (for more details see Wincott *et al.*, International PCT publication No. WO 97/26270).

By "unmodified nucleoside" is meant one of the bases adenine, cytosine, guanine, thymine, uracil joined to the 1' carbon of β -D-ribo-furanose.

By "modified nucleoside" is meant any nucleoside base that contains a modification in the chemical structure of an unmodified nucleoside base or sugar.

By "modified nucleotide" is meant any nucleoside base that contains a modification in the chemical structure of an unmodified nucleoside base, sugar and/or phosphate.

By "consists essentially of" is meant that the active nucleic acid molecule of the invention, for example, an enzymatic nucleic acid molecule, contains an enzymatic center or core equivalent to those in the examples, and binding arms able to bind RNA such that cleavage at the target site occurs. Other sequences can be present that do not interfere with such cleavage. Thus, a core region can, for example, include one or more loop, stem-loop structure, or linker that does not prevent enzymatic activity. Thus, the underlined regions in the sequences in Tables III, IV, VIII and IX can be such a loop, stem-loop, nucleotide linker, and/or non-nucleotide linker and can be represented generally as sequence "X". For example, a core sequence for a hammerhead enzymatic nucleic acid can comprise a conserved sequence, such as 5'-CUGAUGAG-3' and 5'-CGAA-3' connected by "X", where X is 5'-GCCGUUAGGC-3' (SEQ ID NO 37055), or any other Stem II region known in the art, or a nucleotide and/or non-nucleotide linker. Similarly, for other nucleic acid molecules of the instant invention, such as Inozyme, G-cleaver, amberzyme, zinzyme, DNAzyme, antisense, 2-5A antisense, triplex forming nucleic acid, and decoy nucleic acids, other sequences or nonnucleotide linkers can be present that do not interfere with the function of the nucleic acid molecule.

Sequence X can be a linker of ≥ 2 nucleotides in length, for example 3, 4, 5, 6, 7, 8, 9, 10, 15, 20, 26, 30, where the nucleotides can be internally base-paired to form a stem of about ≥ 2 base pairs. Alternatively or in addition, sequence X can be a non-nucleotide linker. In yet another embodiment, the nucleotide linker X can be a nucleic acid aptamer, such as an ATP aptamer, HIV Rev aptamer (RRE), HIV Tat aptamer (TAR) and others (for a review see Gold et al., 1995, Annu. Rev. Biochem., 64, 763; and Szostak & Ellington, 1993, in The RNA World, ed. Gesteland and Atkins, pp. 511, CSH Laboratory Press). A "nucleic acid aptamer" as used herein is meant to indicate a nucleic acid sequence capable of interacting with a ligand. The ligand can be any natural or a synthetic molecule, including but not limited to a resin, metabolites, nucleosides, nucleotides, drugs, toxins, transition state analogs, peptides, lipids, proteins, amino acids, nucleic acid molecules, hormones, carbohydrates, receptors, cells, viruses, bacteria and others.

In yet another embodiment, the non-nucleotide linker X is as defined herein. The term "non-nucleotide" as used herein include either abasic nucleotide, polyether, polyamine, polyamide, peptide, carbohydrate, lipid, or polyhydrocarbon compounds. Specific examples include those described by Seela and Kaiser, Nucleic Acids Res. 1990, 18:6353 and Nucleic Acids Res. 1987, 15:3113; Cload and Schepartz, J. Am. Chem. Soc. 1991, 113:6324; Richardson and Schepartz, J. Am. Chem. Soc. 1991, 113:5109; Ma et al., Nucleic Acids Res. 1993, 21:2585 and Biochemistry 1993, 32:1751; Durand et al., Nucleic Acids Res. 1990, 18:6353; McCurdy et al., Nucleosides & Nucleotides 1991, 10:287; Jschke et al., Tetrahedron Lett. 1993, 34:301; Ono et al., Biochemistry 1991, 30:9914; Arnold et al.,

International Publication No. WO 89/02439; Usman et al., International Publication No. WO 95/06731; Dudycz et al., International Publication No. WO 95/11910 and Ferentz and Verdine, J. Am. Chem. Soc. 1991, 113:4000, all hereby incorporated by reference herein. A "non-nucleotide" further means any group or compound that can be incorporated into a nucleic acid chain in the place of one or more nucleotide units, including either sugar and/or phosphate substitutions, and allows the remaining bases to exhibit their enzymatic activity. The group or compound can be abasic in that it does not contain a commonly recognized nucleotide base, such as adenosine, guanine, cytosine, uracil or thymine. Thus, in one embodiment, the invention features an enzymatic nucleic acid molecule having one or more non-nucleotide moieties, and having enzymatic activity to cleave an RNA or DNA molecule.

Enzymatic Nucleic Acid Molecules

There are several known classes of enzymatic nucleic acid molecules capable of cleaving target RNA. In addition, several in vitro selection (evolution) strategies (Orgel, 1979, Proc. R. Soc. London, B 205, 435) have been used to evolve new nucleic acid catalysts capable of catalyzing cleavage and ligation of phosphodiester linkages (Joyce, 1989, Gene, 82, 83-87; Beaudry et al., 1992, Science 257, 635-641; Joyce, 1992, Scientific American 267, 90-97; Breaker et al., 1994, TIBTECH 12, 268; Bartel et al., 1993, Science 261:1411-1418; Szostak, 1993, TIBS 17, 89-93; Kumar et al., 1995, FASEB J., 9, 1183; Breaker, 1996, Curr. Op. Biotech., 7, 442; Santoro et al., 1997, Proc. Natl. Acad. Sci., 94, 4262; Tang et al., 1997, RNA 3, 914; Nakacane & Eckstein, 1994, supra; Long & Uhlenbeck, 1994, supra; Ishizaka et al., 1995, supra; Vaish et al., 1997, Biochemistry 36, 6495; all of these are incorporated by reference herein). Each can catalyze a series of reactions including the hydrolysis of phosphodiester bonds in trans (and thus can cleave other RNA molecules) under physiological conditions. Table I summarizes some of the characteristics of some of these enzymatic nucleic acids. In general, enzymatic nucleic acids act by first binding to a target RNA. Such binding occurs through the target binding portion of an enzymatic nucleic acid that is held in close proximity to an enzymatic portion of the molecule that acts to cleave the target RNA. Thus, the enzymatic nucleic acid first recognizes and then binds a target RNA through complementary base-pairing, and once bound to the correct site, acts enzymatically to cut the target RNA. Strategic cleavage of such a target RNA will destroy its ability to direct synthesis of an encoded protein. After an enzymatic nucleic acid has bound and cleaved its RNA target, it is released from that RNA to search for another target and can repeatedly bind and cleave new targets.

The enzymatic nature of a enzymatic nucleic acid is advantageous over other technologies, since the concentration of enzymatic nucleic acid necessary to affect a therapeutic treatment is lower. This advantage reflects the ability of the enzymatic nucleic acid to act enzymatically. Thus, a single enzymatic nucleic acid molecule is able to cleave many molecules of target RNA. In addition, the enzymatic nucleic acid is a highly specific inhibitor, with the specificity of inhibition depending not only on the base-pairing mechanism of binding to the target RNA, but also on the mechanism of target RNA cleavage. Single mismatches, or base-substitutions, near the site of cleavage can be chosen to completely eliminate catalytic activity of a enzymatic nucleic acid.

Nucleic acid molecules having an endonuclease enzymatic activity are able to repeatedly cleave other separate RNA molecules in a nucleotide base sequence-specific manner. With proper deisgn and construction, such enzymatic nucleic acid molecules can be targeted to any RNA transcript, and efficient cleavage achieved in vitro (Zaug et al., 324, Nature 429 1986; Uhlenbeck, 1987 Nature 328, 596; Kim et al., 84 Proc. Natl. Acad. Sci. USA 8788, 1987; Dreyfus, 1988, Einstein Quart. J. Bio. Med., 6, 92; Haseloff and Gerlach, 334 Nature 585, 1988; Cech, 260 JAMA 3030, 1988; and Jefferies et al., 17 Nucleic Acids Research 1371, 1989; Chartrand et al., 1995, Nucleic Acids Research 23, 4092; Santoro et al., 1997, PNAS 94, 4262).

Because of their sequence-specificity, trans-cleaving enzymatic nucleic acid molecules show promise as therapeutic agents for human disease (Usman & McSwiggen, 1995 Ann. Rep. Med. Chem. 30, 285-294; Christoffersen and Marr, 1995 J. Med. Chem. 38, 2023-2037). Enzymatic nucleic acid molecules can be designed to cleave specific RNA targets within the background of cellular RNA. Such a cleavage event renders the RNA non-functional and abrogates protein expression from that RNA. In this manner, synthesis of a protein associated with a disease state can be selectively inhibited.

Enzymatic nucleic acid molecules that cleave the specified sites in WNV-specific RNAs represent a novel therapeutic approach to treat WNV infection, pancreatitis, encephalitis, myocarditis, meningitis, neurologic infection, hepatitis, liver failure, hepatocellular carcinoma, cirrhosis, and/or other disease states associated with WNV infection. The enzymatic nucleic acid molecules of the present invention can modulate, for example, down-regulate the activity of WNV via their catalytic activity. Those of ordinary skill, in the art would realize that other enzymatic nucleic acid molecules that cleave WNV

RNAs can be designed using the techniques and other teachings described herein and thus are within the scope of the invention.

In one embodiment, the invention features the use of an enzymatic nucleic acid molecule, which can be in the hammerhead, NCH (Inozyme), G-cleaver, amberzyme, zinzyme and/or DNAzyme motif, to modulate the expression of a WNV gene or genes. In one particular embodiment, the enzymatic nucleic acid molecule is used to down-regulate the expression of a WNV gene or genes.

In one of the preferred embodiments of the inventions described herein, the enzymatic nucleic acid molecule is formed in a hammerhead or hairpin motif, but can also be formed in the motif of a hepatitis delta virus, group I intron, group II intron or RNase P RNA (in association with an RNA guide sequence), DNAzymes, NCH cleaving motifs (inozymes), or G-cleavers. Examples of such hammerhead motifs (Figure 1a) are described in Dreyfus, supra, Rossi et al., 1992, AIDS Research and Human Retroviruses 8, 183. Examples of hairpin motifs are described in Hampel et al., EP0360257, Hampel and Tritz, 1989 Biochemistry 28, 4929, Feldstein et al., 1989, Gene 82, 53, Haseloff and Gerlach, 1989, Gene, 82, 43, Hampel et al., 1990 Nucleic Acids Res. 18, 299; Chowrira & McSwiggen, US. Patent No. 5,631,359. The hepatitis delta virus motif is generally described in Perrotta and Been, 1992 Biochemistry 31, 16. The RNase P motif is generally described in Guerrier-Takada et al., 1983 Cell 35, 849; Forster and Altman, 1990, Science 249, 783; Li and Altman, 1996, Nucleic Acids Res. 24, 835. Examples of group II introns are generally described in Griffin et al., 1995, Chem. Biol. 2, 761; Michels and Pyle, 1995, Biochemistry 34, 2965; Pyle et al., International PCT Publication No. WO 96/22689. The Group I intron is generally described in Cech et al., U.S. Patent 4,987,071. DNAzymes (Figure 4) are generally described in Usman et al., International PCT Publication No. WO 95/11304; Chartrand et al., 1995, NAR 23, 4092; Breaker et al., 1995, Chem. Bio. 2, 655; Santoro et al., 1997, PNAS 94, 4262; Breaker, 1999, Nature Biotechnology, 17, 422-423; Santoro et. al., 2000, J. Am. Chem. Soc., 122, 2433-39). NCH cleaving motifs (Figure 1b) are generally described in Ludwig & Sproat, International PCT Publication No. WO 98/58058; and G-cleavers (Figure 1c) are generally described in Kore et al., 1998, Nucleic Acids Research 26, 4116-4120 and Eckstein et al., International PCT Publication No. WO 99/16871. Additional motifs contemplated by the instant invention include the Allozyme (Breaker et al., WO 98/43993, Shih et. al., U.S. Patent 5,589,332, George et al., U.S. Patent 5,741,679), Amberzyme (Figure 2, Class I motif in Beigelman et al., International PCT publication No. WO 99/55857) and Zinzyme (Figure 3, Class II motif in Beigelman et al., International PCT publication No. WO 99/55857), all these references are incorporated by reference herein in their totalities, including drawings and can also be used in the present invention. These specific motifs are not limiting in the invention. Those skilled in the art will recognize that all that is important is that the

enzymatic molecule have a specific substrate binding site that is complementary to one or more of the target gene RNA regions, and that it have nucleotide sequences within or surrounding that substrate binding site that impart an RNA cleaving activity to the molecule (Cech et al., U.S. Patent No. 4,987,071).

Enzymatic nucleic acid molecules of the invention that are allosterically regulated ("allozymes") can be used to modulate, for example down-regulate, WNV expression. These allosteric enzymatic nucleic acids or allozymes (see for example George et al., US Patent Nos. 5,834,186 and 5,741,679, Shih et al., US Patent No. 5,589,332, Nathan et al., US Patent No 5,871,914, Nathan and Ellington, International PCT publication No. WO 00/24931, Breaker et al., International PCT Publication Nos. WO 00/26226 and 98/27104, and Sullenger et al., International PCT publication No. WO 99/29842) are designed to respond to a signaling agent, for example a WNV proteins, WNV RNA, other proteins and/or RNAs involved in WNV activity, compounds, metals, polymers, molecules and/or drugs that are targeted to WNV infected cells etc., that in turn modulates the activity of the enzymatic nucleic acid molecule. In response to interaction with a predetermined signaling agent, the activity of the allosteric enzymatic nucleic acid is activated or inhibited such that the expression of a particular target is selectively modulated. The target can comprise WNV proteins, WNV RNA, and/or a predetermined cellular component that modulates WNV activity. In a specific example, allosteric enzymatic nucleic acid molecules that are activated by interaction with an RNA encoding a WNV protein are used as therapeutic agents in vivo to down-regulate WNV expression. The presence of the WNV RNA activates the allosteric enzymatic nucleic acid molecule, which subsequently cleaves the WNV RNA resulting in the inhibition of WNV protein expression. In this manner, cells that express the WNV protein are selectively targeted.

In another non-limiting example, an allozyme can be activated by a WNV protein, peptide, or mutant polypeptide that cause the allozyme to inhibit the expression of WNV genes, by, for example, cleaving RNA encoded by the WNV gene. In this non-limiting example, the allozyme acts as a decoy to inhibit the function of WNV and also inhibit the expression of WNV once activated by the WNV protein.

Target sites

Targets for useful nucleic acid molecules can be determined as disclosed in Draper et al., WO 93/23569; Sullivan et al., WO 93/23057; Thompson et al., WO 94/02595; Draper et al., WO 95/04818; McSwiggen et al., US Patent No. 5,525,468 and hereby incorporated by reference herein in totality. Rather than repeat the guidance provided in those documents here, below are provided specific examples of such methods, not limiting to those in the art.

Nucleic acid molecules to such targets are designed as described in those applications and synthesized for testing *in vitro* and *in vivo*, as also described. Such nucleic acid molecules can also be optimized and delivered as described therein.

The sequence of WNV RNAs were screened for optimal nucleic acid target sites using a computer folding algorithm. Enzymatic nucleic acid cleavage sites were identified. These sites are shown in **Tables III-XIII** (All sequences are 5' to 3' in the tables, underlined regions can be any sequence "X" or linker X, the actual sequence is not relevant). The nucleotide base position is noted in the tables as that site designed for cleavage by the designated type of enzymatic nucleic acid. The nucleotide base position is noted in the tables as that site designed for cleavage by the designated type of enzymatic nucleic acid molecules.

Because WNV RNAs are highly homologous in certain regions, for example, the 39-UTR, nucleic acid molecule target sites in such regions are also homologous. In such instances, a specific nucleic acid molecule can target different classes sub-types, and variants of WNV RNA. The advantage of a nucleic acid molecule that targets several classes, sub-types or variants of WNV RNA is clear, especially in cases where one or more of these RNAs contribute to the disease state.

Enzymatic nucleic acid molecules were designed that could bind to target sequences and were individually analyzed by computer folding (Jaeger et al., 1989 Proc. Natl. Acad. Sci. USA, 86, 7706) to assess whether the enzymatic nucleic acid sequences fold into the appropriate secondary structure. Those enzymatic nucleic acid molecules with unfavorable intramolecular interactions between the binding arms and the catalytic core are eliminated from consideration. Varying binding arm lengths can be chosen to optimize activity. Generally, at least 5 bases on each arm are able to bind to, or otherwise interact with, the target RNA. Enzymatic nucleic acid molecules of the different motifs were designed to anneal to various sites in the mRNA message. The binding arms are complementary to the target site sequences described above.

Synthesis of Nucleic Acid Molecules

Synthesis of nucleic acids greater than 100 nucleotides in length is difficult using automated methods, and the therapeutic cost of such molecules is prohibitive. In this invention, small nucleic acid motifs ("small" refers to nucleic acid motifs less than about 100 nucleotides in length, and in one embodiment, less than about 80 nucleotides in length, and in

another embodiment, less than about 50 nucleotides in length; e.g., antisense oligonucleotides, hammerhead or the NCH ribozymes) can be used for exogenous delivery. The simple structure of these molecules increases the ability of the nucleic acid to invade targeted regions of RNA structure. Exemplary molecules of the instant invention are chemically synthesized, and others can similarly be synthesized.

Oligonucleotides (e.g., antisense GeneBlocs) are synthesized using protocols known in the art, for example, as described in Caruthers et al., 1992, Methods in Enzymology 211, 3-19, Thompson et al., International PCT Publication No. WO 99/54459, Wincott et al., 1995, Nucleic Acids Res. 23, 2677-2684, Wincott et al., 1997, Methods Mol. Bio., 74, 59, Brennan et al., 1998, Biotechnol Bioeng., 61, 33-45, and Brennan, US patent No. 6,001,311. All of these references are incorporated herein by reference. The synthesis of oligonucleotides makes use of common nucleic acid protecting and coupling groups, such as dimethoxytrityl at the 5'-end, and phosphoramidites at the 3'-end. In a non-limiting example, small scale syntheses are conducted on a 394 Applied Biosystems, Inc. synthesizer using a 0.2 µmol scale protocol with a 2.5 min coupling step for 2'-O-methylated nucleotides and a 45 sec coupling step for 2'-deoxy nucleotides. Table II outlines the amounts and the contact times of the reagents used in the synthesis cycle. Alternatively, syntheses at the 0.2 µmol scale can be performed on a 96-well plate synthesizer, such as the instrument produced by Protogene (Palo Alto, CA) with minimal modification to the cycle. A 33-fold excess (60 μ L of 0.11 M = 6.6 μmol) of 2'-O-methyl phosphoramidite and a 105-fold excess of S-ethyl tetrazole (60 μL of 0.25 M = 15 µmol) can be used in each coupling cycle of 2'-O-methyl residues relative to polymer-bound 5'-hydroxyl. A 22-fold excess (40 μ L of 0.11 M = 4.4 μ mol) of deoxy phosphoramidite and a 70-fold excess of S-ethyl tetrazole (40 μ L of 0.25 M = 10 μ mol) can be used in each coupling cycle of deoxy residues relative to polymer-bound 5'-hydroxyl. Average coupling yields on the 394 Applied Biosystems, Inc. synthesizer, determined by colorimetric quantitation of the trityl fractions, are typically 97.5-99%. Other oligonucleotide synthesis reagents for the 394 Applied Biosystems, Inc. synthesizer include; detritylation solution is 3% TCA in methylene chloride (ABI); capping is performed with 16% N-methyl imidazole in THF (ABI) and 10% acetic anhydride/10% 2,6-lutidine in THF (ABI); and oxidation solution is 16.9 mM I₂, 49 mM pyridine, 9% water in THF (PERSEPTIVE™). Burdick & Jackson Synthesis Grade acetonitrile is used directly from the reagent bottle. S-Ethyltetrazole solution (0.25 M in acetonitrile) is made up from the solid obtained from American International Chemical, Inc. Alternately, for the introduction of phosphorothioate linkages, Beaucage reagent (3H-1,2-Benzodithiol-3-one 1,1-dioxide, 0.05 M in acetonitrile) is used.

Deprotection of the antisense oligonucleotides is performed as follows: the polymerbound trityl-on oligoribonucleotide is transferred to a 4 mL glass screw top vial and

suspended in a solution of 40% aq. methylamine (1 mL) at 65 °C for 10 min. After cooling to -20 °C, the supernatant is removed from the polymer support. The support is washed three times with 1.0 mL of EtOH:MeCN:H2O/3:1:1, vortexed and the supernatant is then added to the first supernatant. The combined supernatants, containing the oligoribonucleotide, are dried to a white powder.

The method of synthesis used for normal RNA including certain enzymatic nucleic acid molecules follows the procedure as described in Usman et al., 1987, J. Am. Chem. Soc., 109, 7845; Scaringe et al., 1990, Nucleic Acids Res., 18, 5433; and Wincott et al., 1995, Nucleic Acids Res. 23, 2677-2684 Wincott et al., 1997, Methods Mol. Bio., 74, 59, and makes use of common nucleic acid protecting and coupling groups, such as dimethoxytrityl at the 5'-end, and phosphoramidites at the 3'-end. In a non-limiting example, small scale syntheses are conducted on a 394 Applied Biosystems, Inc. synthesizer using a 0.2 µmol scale protocol with a 7.5 min coupling step for alkylsilyl protected nucleotides and a 2.5 min coupling step for 2'-O-methylated nucleotides. Table II outlines the amounts and the contact times of the reagents used in the synthesis cycle. Alternatively, syntheses at the 0.2 µmol scale can be done on a 96-well plate synthesizer, such as the instrument produced by Protogene (Palo Alto, CA) with minimal modification to the cycle. A 33-fold excess (60 uL of 0.11 M = 6.6 µmol) of 2'-O-methyl phosphoramidite and a 75-fold excess of S-ethyl tetrazole (60 μ L of 0.25 M = 15 μ mol) can be used in each coupling cycle of 2'-O-methyl residues relative to polymer-bound 5'-hydroxyl. A 66-fold excess (120 μ L of 0.11 M = 13.2 µmol) of alkylsilyl (ribo) protected phosphoramidite and a 150-fold excess of S-ethyl tetrazole (120 μ L of 0.25 M = 30 μ mol) can be used in each coupling cycle of ribo residues relative to polymer-bound 5'-hydroxyl. Average coupling yields on the 394 Applied Biosystems, Inc. synthesizer, determined by colorimetric quantitation of the trityl fractions, are typically 97.5-99%. Other oligonucleotide synthesis reagents for the 394 Applied Biosystems, Inc. synthesizer include; detritylation solution is 3% TCA in methylene chloride (ABI); capping is performed with 16% N-methyl imidazole in THF (ABI) and 10% acetic anhydride/10% 2,6-lutidine in THF (ABI); oxidation solution is 16.9 mM I₂, 49 mM pyridine, 9% water in THF (PERSEPTIVE™). Burdick & Jackson Synthesis Grade acetonitrile is used directly from the reagent bottle. S-Ethyltetrazole solution (0.25 M in acetonitrile) is made up from the solid obtained from American International Chemical, Inc. Alternately, for the introduction of phosphorothioate linkages, Beaucage reagent (3H-1,2-Benzodithiol-3-one 1,1dioxide0.05 M in acetonitrile) is used.

Deprotection of the RNA is performed using either a two-pot or one-pot protocol. For the two-pot protocol, the polymer-bound trityl-on oligoribonucleotide is transferred to a 4 mL glass screw top vial and suspended in a solution of 40% aq. methylamine (1 mL) at 65 °C for 10 min. After cooling to -20 °C, the supernatant is removed from the polymer support. The

support is washed three times with 1.0 mL of EtOH:MeCN:H2O/3:1:1, vortexed and the supernatant is then added to the first supernatant. The combined supernatants, containing the oligoribonucleotide, are dried to a white powder. The base deprotected oligoribonucleotide is resuspended in anhydrous TEA/HF/NMP solution (300 μ L of a solution of 1.5 mL N-methylpyrrolidinone, 750 μ L TEA and 1 mL TEA•3HF to provide a 1.4 M HF concentration) and heated to 65 °C. After 1.5 h, the oligomer is quenched with 1.5 M NH₄HCO₃.

Alternatively, for the one-pot protocol, the polymer-bound trityl-on oligoribonucleotide is transferred to a 4 mL glass screw top vial and suspended in a solution of 33% ethanolic methylamine/DMSO: 1/1 (0.8 mL) at 65 °C for 15 min. The vial is brought to r.t. TEA•3HF (0.1 mL) is added and the vial is heated at 65 °C for 15 min. The sample is cooled at -20 °C and then quenched with 1.5 M NH₄HCO₃.

For purification of the trityl-on oligomers, the quenched NH₄HCO₃ solution is loaded onto a C-18 containing cartridge that had been prewashed with acetonitrile followed by 50 mM TEAA. After washing the loaded cartridge with water, the RNA is detritylated with 0.5% TFA for 13 min. The cartridge is then washed again with water, salt exchanged with 1 M NaCl and washed with water again. The oligonucleotide is then eluted with 30% acetonitrile.

Inactive hammerhead ribozymes or binding attenuated control (BAC) oligonucleotides are synthesized by substituting a U for G₅ and a U for A₁₄ (numbering from Hertel, K. J., et al., 1992, Nucleic Acids Res., 20, 3252). Similarly, one or more nucleotide substitutions can be introduced in other enzymatic nucleic acid molecules to inactivate the molecule and such molecules can serve as a negative control.

The average stepwise coupling yields are typically >98% (Wincott et al., 1995 Nucleic Acids Res. 23, 2677-2684). Those of ordinary skill in the art will recognize that the scale of synthesis can be adapted to be larger or smaller than the example described above including but not limited to 96 well format, all that is important is the ratio of chemicals used in the reaction.

Alternatively, the nucleic acid molecules of the present invention can be synthesized separately and joined together post-synthetically, for example by ligation (Moore et al., 1992, Science 256, 9923; Draper et al., International PCT publication No. WO 93/23569; Shabarova et al., 1991, Nucleic Acids Research 19, 4247; Bellon et al., 1997, Nucleosides & Nucleotides, 16, 951; Bellon et al., 1997, Bioconjugate Chem. 8, 204).

The nucleic acid molecules of the present invention can be modified extensively to enhance stability by modification with nuclease resistant groups, for example, 2'-amino, 2'-C-allyl, 2'-flouro, 2'-O-methyl, 2'-H (for a review see Usman and Cedergren, 1992, TIBS 17, 34;

Usman et al., 1994, Nucleic Acids Symp. Ser. 31, 163). Ribozymes are purified by gel electrophoresis using general methods or are purified by high pressure liquid chromatography (HPLC; See Wincott et al., Supra, the totality of that reference is incorporated herein by reference) and are re-suspended in water.

The sequences of the enzymatic nucleic acids that are chemically synthesized, are shown in **Tables III to XIII**. Those in the art will recognize that these sequences are representative only of many more such sequences where the enzymatic portion of the enzymatic nucleic acid (all but the binding arms) is altered to affect activity. The enzymatic nucleic acid molecule sequences listed in **Tables III to XIII** can be formed of ribonucleotides or other nucleotides or non-nucleotides. Such nucleic acids with enzymatic activity are equivalent to the enzymatic nucleic acid molecules described specifically in the tables.

Optimizing Activity of the nucleic acid molecules of the invention.

Chemically synthesizing nucleic acid molecules with modifications (base, sugar and/or phosphate) that prevent their degradation by serum ribonucleases, which can increase their potency (see e.g., Eckstein et al., International Publication No. WO 92/07065; Perrault et al., 1990 Nature 344, 565; Pieken et al., 1991, Science 253, 314; Usman and Cedergren, 1992, Trends in Biochem. Sci. 17, 334; Usman et al., International Publication No. WO 93/15187; and Rossi et al., International Publication No. WO 91/03162; Sproat, US Patent No. 5,334,711; and Burgin et al., supra; all of which are incorporated by reference herein). All of the above references describe various chemical modifications that can be made to the base, phosphate and/or sugar moieties of the nucleic acid molecules described herein. Modifications that enhance their efficacy in cells, and removal of bases from nucleic acid molecules to shorten oligonucleotide synthesis times and reduce chemical requirements are desired.

There are several examples in the art describing sugar, base and phosphate modifications that can be introduced into nucleic acid molecules with significant enhancement in their nuclease stability and efficacy. For example, oligonucleotides are modified to enhance stability and/or enhance biological activity by modification with nuclease resistant groups, for example, 2'-amino, 2'-C-allyl, 2'-flouro, 2'-O-methyl, 2'-H, nucleotide base modifications (for a review see Usman and Cedergren, 1992, TIBS. 17, 34; Usman et al., 1994, Nucleic Acids Symp. Ser. 31, 163; Burgin et al., 1996, Biochemistry, 35, 14090). Sugar modification of nucleic acid molecules has been extensively described in the art (see Eckstein et al., International Publication PCT No. WO 92/07065; Perrault et al.

Nature, 1990, 344, 565-568; Pieken et al. Science, 1991, 253, 314-317; Usman and Cedergren, Trends in Biochem. Sci., 1992, 17, 334-339; Usman et al. International Publication PCT No. WO 93/15187; Sproat, US Patent No. 5,334,711 and Beigelman et al., 1995, J. Biol. Chem., 270, 25702; Beigelman et al., International PCT publication No. WO 97/26270; Beigelman et al., US Patent No. 5,716,824; Usman et al., US patent No. 5,627,053; Woolf et al., International PCT Publication No. WO 98/13526; Thompson et al., USSN 60/082,404 that was filed on April 20, 1998; Karpeisky et al., 1998, Tetrahedron Lett., 39, 1131; Earnshaw and Gait, 1998, Biopolymers (Nucleic acid Sciences), 48, 39-55; Verma and Eckstein, 1998, Annu. Rev. Biochem., 67, 99-134; and Burlina et al., 1997, Bioorg. Med. Chem., 5, 1999-2010; all of the references are hereby incorporated in their totality by reference herein). Such publications describe general methods and strategies to determine the location of incorporation of sugar, base and/or phosphate modifications and the like into enzymatic nucleic acids without inhibiting catalysis, and are incorporated by reference herein. In view of such teachings, similar modifications can be used as described herein to modify the nucleic acid molecules of the instant invention.

In connection with 2'-modified nucleotides as described for the present invention, by "amino" is meant 2'-NH₂ or 2'-O- NH₂, that can be modified or unmodified. Such modified groups are described, for example, in Eckstein *et al.*, U.S. Patent 5,672,695 and Matulic-Adamic *et al.*, WO 98/28317, respectively, which are both incorporated by reference in their entireties.

Various modifications to nucleic acid (e.g., antisense and enzymatic nucleic acid) structure can be made to enhance the utility of these molecules. Such modifications will enhance shelf-life, half-life in vitro, stability, and ease of introduction of such oligonucleotides to the target site, e.g., to enhance penetration of cellular membranes, and confer the ability to recognize and bind to targeted cells.

While chemical modification of oligonucleotide internucleotide linkages with phosphorothioate, phosphorothioate, and/or 5'-methylphosphonate linkages improves stability, excessive modifications can cause some toxicity. Therefore, when designing nucleic acid molecules, the amount of these internucleotide linkages should be minimized. The reduction in the concentration of these linkages should lower toxicity, resulting in increased efficacy and higher specificity of these molecules.

Nucleic acid molecules having chemical modifications that maintain or enhance activity are provided. Such a nucleic acid is also generally more resistant to nucleases than an unmodified nucleic acid. Accordingly, the *in vitro* and/or *in vivo* activity should not be significantly lowered. In cases in which inhibition is the goal, therapeutic nucleic acid molecules delivered exogenously should optimally be stable within cells until translation of the target RNA has been inhibited long enough to reduce the levels of the undesirable protein. This period of time varies between hours to days depending upon the disease state. Clearly, nucleic acid molecules must be resistant to nucleases in order to function as effective intracellular therapeutic agents. Improvements in the chemical synthesis of RNA and DNA (Wincott *et al.*, 1995 *Nucleic Acids Res.* 23, 2677; Caruthers *et al.*, 1992, *Methods in Enzymology* 211,3-19 (incorporated by reference herein) have expanded the ability to modify nucleic acid molecules by introducing nucleotide modifications to enhance their nuclease stability, as described above.

In one embodiment, nucleic acid molecules of the invention include one or more G-clamp nucleotides. A G-clamp nucleotide is a modified cytosine analog wherein the modifications confer the ability to hydrogen bond both Watson-Crick and Hoogsteen faces of a complementary guanine within a duplex, see for example Lin and Matteucci, 1998, J. Am. Chem. Soc., 120, 8531-8532. A single G-clamp analog substation within an oligonucleotide can result in substantially enhanced helical thermal stability and mismatch discrimination when hybridized to complementary oligonucleotides. The inclusion of such nucleotides in nucleic acid molecules of the invention results in both enhanced affinity and specificity to nucleic acid targets.

In another embodiment, the invention features conjugates and/or complexes of nucleic acid molecules targeting WNV. Such conjugates and/or complexes can be used to facilitate delivery of molecules into a biological system, such as cells. The conjugates and complexes provided by the instant invention can impart therapeutic activity by transferring therapeutic compounds across cellular membranes, altering the pharmacokinetics, and/or modulating the localization of nucleic acid molecules of the invention. The present invention encompasses the design and synthesis of novel conjugates and complexes for the delivery of molecules, including but not limited to small molecules, lipids, phospholipids, nucleosides, nucleotides, nucleic acids, antibodies, toxins, negatively charged polymers and other polymers, for example proteins, peptides, hormones, carbohydrates, polyethylene glycols, or polyamines, across cellular membranes. In general, the transporters described are designed to be used either individually or as part of a multi-component system, with or without degradable linkers. These compounds are expected to improve delivery and/or localization of nucleic

acid molecules of the invention into a number of cell types originating from different tissues, in the presence or absence of serum (see Sullenger and Cech, US 5,854,038). Conjugates of the molecules described herein can be attached to biologically active molecules via linkers that are biodegradable, such as biodegradable nucleic acid linker molecules.

The term "biodegradable nucleic acid linker molecule" as used herein, refers to a nucleic acid molecule that is designed as a biodegradable linker to connect one molecule to another molecule, for example, a biologically active molecule. The stability of the biodegradable nucleic acid linker molecule can be modulated by using various combinations of ribonucleotides, deoxyribonucleotides, and chemically modified nucleotides, for example, 2'-O-methyl, 2'-fluoro, 2'-amino, 2'-O-amino, 2'-C-allyl, 2'-O-allyl, and other 2'-modified or base modified nucleotides. The biodegradable nucleic acid linker molecule can be a dimer, trimer, tetramer or longer nucleic acid molecule, for example, an oligonucleotide of about 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, or 20 nucleotides in length, or can comprise a single nucleotide with a phosphorus based linkage, for example, a phosphoramidate or phosphodiester linkage. The biodegradable nucleic acid linker molecule can also comprise nucleic acid backbone, nucleic acid sugar, or nucleic acid base modifications.

The term "biodegradable" as used herein, refers to degradation in a biological system, for example enzymatic degradation or chemical degradation.

The term "biologically active molecule" as used herein, refers to compounds or molecules that are capable of eliciting or modifying a biological response in a system. Non-limiting examples of biologically active molecules contemplated by the instant invention include therapeutically active molecules such as antibodies, hormones, antivirals, peptides, proteins, chemotherapeutics, small molecules, vitamins, co-factors, nucleosides, nucleotides, oligonucleotides, enzymatic nucleic acids, antisense nucleic acids, triplex forming oligonucleotides, 2,5-A chimeras, siRNA, dsRNA, allozymes, aptamers, decoys and analogs thereof. Biologically active molecules of the invention also include molecules capable of modulating the pharmacokinetics and/or pharmacodynamics of other biologically active molecules, for example, lipids and polymers such as polyamines, polyamides, polyethylene glycol and other polyethers.

The term "phospholipid" as used herein, refers to a hydrophobic molecule comprising at least one phosphorus group. For example, a phospholipid can comprise a phosphorus containing group and saturated or unsaturated alkyl group, optionally substituted with OH, COOH, oxo, amine, or substituted or unsubstituted aryl groups.

Therapeutic nucleic acid molecules (e.g., enzymatic nucleic acid molecules) delivered exogenously optimally are stable within cells until translation of the target RNA has been inhibited long enough to reduce the levels of the undesirable protein. This period of time varies between hours to days depending upon the disease state. The nucleic acid molecules are resistant to nucleases in order to function as effective intracellular therapeutic agents. Improvements in the chemical synthesis of nucleic acid molecules described in the instant invention and in the art have expanded the ability to modify nucleic acid molecules by introducing nucleotide modifications to enhance their nuclease stability as described above.

In yet another preferred embodiment, nucleic acid catalysts having chemical modifications that maintain or enhance enzymatic activity are provided. Such nucleic acids are also generally more resistant to nucleases than unmodified nucleic acids. Thus, in vitro and/or in vivo the activity should not be significantly lowered. As exemplified herein, such nucleic acid molecules are useful in vitro and/or in vivo even if activity over all is reduced 10 fold (Burgin et al., 1996, Biochemistry, 35, 14090). Such enzymatic nucleic acid molecules herein are said to "maintain" the enzymatic activity of an all RNA enzymatic nucleic acid molecule.

In a preferred embodiment, the invention features modified nucleic acids with phosphate backbone modifications comprising one or more phosphorothioate, phosphorodithioate, methylphosphonate, morpholino, amidate carbamate, carboxymethyl, acetamidate, polyamide, sulfonate, sulfonamide, sulfamate, formacetal, thioformacetal, and/or alkylsilyl, substitutions. For a review of oligonucleotide backbone modifications see Hunziker and Leumann, 1995, Nucleic Acid Analogues: Synthesis and Properties, in Modern Synthetic Methods, VCH, 331-417, and Mesmaeker et al., 1994, Novel Backbone Replacements for Oligonucleotides, in Carbohydrate Modifications in Antisense Research, ACS, 24-39. These references are hereby incorporated by reference herein.

These molecules can improve treatment of the disease by affording the possibility of combination therapies (e.g., multiple nucleic acid molecules targeted to different genes, nucleic acid molecules coupled with known small molecule inhibitors, or intermittent treatment with combinations of nucleic acid molecules (including different enzymatic nucleic acid motifs) and/or other chemical or biological molecules). The treatment of patients with nucleic acid molecules can also include combinations of different types of nucleic acid molecules. Therapies can be devised that include a mixture of enzymatic nucleic acids

(including different enzymatic nucleic acid motifs), antisense and/or 2-5A chimera molecules to one or more targets to alleviate symptoms of a disease.

Administration of Nucleic Acid Molecules

Methods for the delivery of nucleic acid molecules are described in Akhtar et al., 1992, Trends Cell Bio., 2, 139; Delivery Strategies for Antisense Oligonucleotide Therapeutics, ed. Akhtar, 1995, Maurer et al., 1999, Mol. Membr. Biol., 16, 129-140; Hofland and Huang, 1999, Handb. Exp. Pharmacol., 137, 165-192; and Lee et al., 2000, ACS Symp. Ser., 752, 184-192, all of which are incorporated herein by reference. Sullivan et al., PCT WO 94/02595, further describes the general methods for delivery of enzymatic nucleic acid molecules. These protocols can be utilized for the delivery of virtually any nucleic acid molecule. Nucleic acid molecules can be administered to cells by a variety of methods known to those of skill in the art, including, but not restricted to, encapsulation in liposomes, by iontophoresis, or by incorporation into other vehicles, such as hydrogels, cyclodextrins, biodegradable nanocapsules, and bioadhesive microspheres, or by proteinaceous vectors (O'Hare and Normand, International PCT Publication No. WO 00/53722). Alternatively, the nucleic acid/vehicle combination is locally delivered by direct injection or by use of an infusion pump. Direct injection of the nucleic acid molecules of the invention, whether subcutaneous, intramuscular, or intradermal, can take place using standard needle and syringe methodologies, or by needle-free technologies such as those described in Conry et al., 1999, Clin. Cancer Res., 5, 2330-2337 and Barry et al., International PCT Publication No. WO 99/31262.

Specific methods of delivery that can be utilized for CNS delivery of the nucleic acid molecules of the invention are described in Pardridge, 1999, Adv. Drug Delivery Rev., 36, 299-321 and Boado et al., 1998, J. Pharm. Sci., 87, 1308-1315. Many examples in the art describe CNS delivery methods of oligonucleotides by osmotic pump, (see Chun et al., 1998, Neuroscience Letters, 257, 135-138, D'Aldin et al., 1998, Mol. Brain Research, 55, 151-164, Dryden et al., 1998, J. Endocrinol., 157, 169-175, Ghirnikar et al., 1998, Neuroscience Letters, 247, 21-24) or direct infusion (Broaddus et al., 1997, Neurosurg. Focus, 3, article 4). Other routes of delivery include, but are not limited to, oral (tablet or pill form), pulmonary (Patton, 1996, Adv. Drug Delivery Rev., 19, 3-36) and/or intrathecal delivery (Gold, 1997, Neuroscience, 76, 1153-1158). For a comprehensive review on drug delivery strategies including broad coverage of CNS delivery, see Jain, Drug Delivery Systems: Technologies and Commercial Opportunities, Decision Resources, 1998. More detailed descriptions of nucleic acid delivery and administration are provided in Sullivan et al., supra, Draper et al., PCT WO93/23569, Beigelman et al., PCT WO99/05094, and Klimuk et al., PCT WO99/04819 all of which have been incorporated by reference herein.

The molecules of the instant invention can be used as pharmaceutical agents. Pharmaceutical agents prevent, inhibit the occurrence, or treat (alleviate a symptom to some extent, or all of the symptoms) of a disease state in a patient.

Thus, the invention features a pharmaceutical composition comprising one or more nucleic acid(s) of the invention in an acceptable carrier, such as a stabilizer, buffer, and the like. The negatively charged polynucleotides of the invention can be administered (e.g., RNA, DNA or protein) and introduced into a patient by any standard means, with or without stabilizers, buffers, and the like, to form a pharmaceutical composition. When it is desired to use a lipid or liposome delivery mechanism, standard protocols for formulation can be followed. The compositions of the present invention can also be formulated and used as tablets, capsules or elixirs for oral administration, suppositories for rectal administration, sterile solutions, suspensions for injectable administration; and the like.

The present invention also includes pharmaceutically acceptable formulations of the compounds described. These formulations include salts of the above compounds, e.g., acid addition salts, for example, salts of hydrochloric, hydrobromic, acetic acid, and benzene sulfonic acid.

A pharmacological composition or formulation refers to a composition or formulation in a form suitable for administration, e.g., systemic administration, into a cell or patient, including for example a human. Suitable forms, in part, depend upon the use or the route of entry, for example oral, transdermal, or by injection. Such forms should not prevent the composition or formulation from reaching a target cell (i.e., a cell to which the negatively charged nucleic acid is desirable for delivery). For example, pharmacological compositions injected into the blood stream should be soluble. Other factors are known in the art, and include considerations such as toxicity and forms that prevent the composition or formulation from exerting its effect.

By "systemic administration" is meant in vivo systemic absorption or accumulation of drugs in the blood stream followed by distribution throughout the entire body. Administration routes that can lead to systemic absorption include, without limitations: intravenous, subcutaneous, intraperitoneal, inhalation, oral, intrapulmonary and intramuscular. Each of these administration routes expose the desired negatively charged polymers, e.g., nucleic acids, to an accessible diseased tissue. The rate of entry of a drug into

the circulation has been shown as a function of molecular weight or size. The use of a liposome or other drug carrier comprising the compounds of the instant invention can potentially localize the drug, for example, in certain tissue types, such as the tissues of the reticular endothelial system (RES). A liposome formulation that can facilitate the association of drug with the surface of cells, such as, lymphocytes and macrophages is also useful. This approach can provide enhanced delivery of the drug to target cells by taking advantage of the specificity of macrophage and lymphocyte immune recognition of abnormal cells, such as the WNV infected liver cells.

By "pharmaceutically acceptable" formulation is meant, a composition or formulation that allows for the effective distribution of the nucleic acid molecules of the instant invention in the physical location most suitable for their desired activity. Nonlimiting examples of agents suitable for formulation with the nucleic acid molecules of the instant invention include: P-glycoprotein inhibitors (such as Pluronic P85) that can enhance entry of drugs into the CNS (Jolliet-Riant and Tillement, 1999, Fundam. Clin. Pharmacol., 13, 16-26); biodegradable polymers, such as poly (DL-lactide-coglycolide) microspheres for sustained release delivery after intracerebral implantation (Emerich, DF et al, 1999, Cell Transplant, 8, 47-58) Alkermes, Inc. Cambridge, MA; and loaded nanoparticles, such as those made of polybutylcyanoacrylate, that can deliver drugs across the blood brain barrier and can alter neuronal uptake mechanisms (Prog Neuropsychopharmacol Biol Psychiatry, 23, 941-949, 1999). Other non-limiting examples of CNS delivery strategies for the nucleic acid molecules of the instant invention include material described in Boado et al., 1998, J. Pharm. Sci., 87, 1308-1315; Tyler et al., 1999, FEBS Lett., 421, 280-284; Pardridge et al., 1995, PNAS USA., 92, 5592-5596; Boado, 1995, Adv. Drug Delivery Rev., 15, 73-107; Aldrian-Herrada et al., 1998, Nucleic Acids Res., 26, 4910-4916; and Tyler et al., 1999, PNAS USA., 96, 7053-7058.

The invention also features the use of a composition comprising surface-modified liposomes containing poly (ethylene glycol) lipids (PEG-modified, or long-circulating liposomes or stealth liposomes). These formulations offer an method for increasing the accumulation of drugs in target tissues. This class of drug carriers resists opsonization and elimination by the mononuclear phagocytic system (MPS or RES), thereby enabling longer blood circulation times and enhanced tissue exposure for the encapsulated drug (Lasic et al. Chem. Rev. 1995, 95, 2601-2627; Ishiwataet al., Chem. Pharm. Bull. 1995, 43, 1005-1011). Such liposomes have been shown to accumulate selectively in tumors, presumably by

extravasation and capture in the neovascularized target tissues (Lasic et al., Science 1995, 267, 1275-1276; Oku et al., 1995, Biochim. Biophys. Acta, 1238, 86-90). The long-circulating liposomes enhance the pharmacokinetics and pharmacodynamics of DNA and RNA, particularly compared to conventional cationic liposomes that are known to accumulate in tissues of the MPS (Liu et al., J. Biol. Chem. 1995, 42, 24864-24870; Choi et al., International PCT Publication No. WO 96/10391; Ansell et al., International PCT Publication No. WO 96/10390; Holland et al., International PCT Publication No. WO 96/10392; all of these are incorporated by reference herein). Long-circulating liposomes are also likely to protect drugs from nuclease degradation to a greater extent compared to cationic liposomes, based on their ability to avoid accumulation in metabolically aggressive MPS tissues such as the liver and spleen. All of these references are incorporated by reference herein.

In addition, other cationic molecules can also be utilized to deliver the molecules of the present invention. For example, nucleic acid molecule can be conjugated to glycosylated poly(L-lysine) that has been shown to enhance localization of antisense oligonucleotides into the liver (Nakazono et al., 1996, Hepatology 23, 1297-1303; Nahato et al., 1997, Biochem Pharm. 53, 887-895). Glycosylated poly(L-lysine) can be covently attached to the enzymatic nucleic acid or be bound to enzymatic nucleic acid through electrostatic interaction.

The present invention also includes compositions prepared for storage or administration that include a pharmaceutically effective amount of the desired compounds in a pharmaceutically acceptable carrier or diluent. Acceptable carriers or diluents for therapeutic use are well known in the pharmaceutical art, and are described, for example, in Remington's Pharmaceutical Sciences, Mack Publishing Co. (A.R. Gennaro edit. 1985), hereby incorporated by reference herein. For example, preservatives, stabilizers, dyes and flavoring agents can be provided. These include sodium benzoate, sorbic acid and esters of phydroxybenzoic acid. In addition, antioxidants and suspending agents can be used.

A pharmaceutically effective dose is that dose required to prevent, inhibit the occurrence, or treat (alleviate a symptom to some extent, preferably all of the symptoms) of a disease state. The pharmaceutically effective dose depends on the type of disease, the composition used, the route of administration, the type of mammal being treated, the physical characteristics of the specific mammal under consideration, concurrent medication, and other factors that those skilled in the medical arts will recognize. Generally, an amount between

0.1 mg/kg and 100 mg/kg body weight/day of active ingredients is administered dependent upon potency of the negatively charged polymer.

The nucleic acid molecules of the invention and formulations thereof can be administered orally, topically, parenterally, by inhalation or spray, or rectally in dosage unit formulations containing conventional non-toxic pharmaceutically acceptable carriers, adjuvants and/or vehicles. The term parenteral as used herein includes percutaneous, subcutaneous, intravascular (e.g., intravenous), intramuscular, or intrathecal injection or infusion techniques and the like. In addition, there is provided a pharmaceutical formulation comprising a nucleic acid molecule of the invention and a pharmaceutically acceptable carrier. One or more nucleic acid molecules of the invention can be present in association with one or more non-toxic pharmaceutically acceptable carriers and/or diluents and/or adjuvants, and if desired other active ingredients. The pharmaceutical compositions containing nucleic acid molecules of the invention can be in a form suitable for oral use, for example, as tablets, troches, lozenges, aqueous or oily suspensions, dispersible powders or granules, emulsion, hard or soft capsules, or syrups or elixirs.

Compositions intended for oral use can be prepared according to any method known to the art for the manufacture of pharmaceutical compositions and such compositions can contain one or more such sweetening agents, flavoring agents, coloring agents or preservative agents in order to provide pharmaceutically elegant and palatable preparations. Tablets contain the active ingredient in admixture with non-toxic pharmaceutically acceptable excipients that are suitable for the manufacture of tablets. These excipients can be for example, inert diluents, such as calcium carbonate, sodium carbonate, lactose, calcium phosphate or sodium phosphate; granulating and disintegrating agents, for example, corn starch, or alginic acid; binding agents, for example starch, gelatin or acacia, and lubricating agents, for example magnesium stearate, stearic acid or talc. The tablets can be uncoated or they can be coated by known techniques. In some cases such coatings can be prepared by known techniques to delay disintegration and absorption in the gastrointestinal tract and thereby provide a sustained action over a longer period. For example, a time delay material such as glyceryl monosterate or glyceryl distearate can be employed.

Formulations for oral use can also be presented as hard gelatin capsules wherein the active ingredient is mixed with an inert solid diluent, for example, calcium carbonate, calcium phosphate or kaolin, or as soft gelatin capsules wherein the active ingredient is mixed with water or an oil medium, for example peanut oil, liquid paraffin or olive oil.

Aqueous suspensions contain the active materials in admixture with excipients suitable for the manufacture of aqueous suspensions. Such excipients are suspending agents, for example sodium carboxymethylcellulose, methylcellulose, hydropropyl-methylcellulose,

sodium alginate, polyvinylpyrrolidone, gum tragacanth and gum acacia; dispersing or wetting agents can be a naturally-occurring phosphatide, for example, lecithin, or condensation products of an alkylene oxide with fatty acids, for example polyoxyethylene stearate, or condensation products of ethylene oxide with long chain aliphatic alcohols, for example heptadecaethyleneoxycetanol, or condensation products of ethylene oxide with partial esters derived from fatty acids and a hexitol such as polyoxyethylene sorbitol monooleate, or condensation products of ethylene oxide with partial esters derived from fatty acids and hexitol anhydrides, for example polyethylene sorbitan monooleate. The aqueous suspensions can also contain one or more preservatives, for example ethyl, or n-propyl p-hydroxybenzoate, one or more coloring agents, one or more flavoring agents, and one or more sweetening agents, such as sucrose or saccharin.

Oily suspensions can be formulated by suspending the active ingredients in a vegetable oil, for example arachis oil, olive oil, sesame oil or coconut oil, or in a mineral oil such as liquid paraffin. The oily suspensions can contain a thickening agent, for example beeswax, hard paraffin or cetyl alcohol. Sweetening agents and flavoring agents can be added to provide palatable oral preparations. These compositions can be preserved by the addition of an anti-oxidant such as ascorbic acid.

Dispersible powders and granules suitable for preparation of an aqueous suspension by the addition of water provide the active ingredient in admixture with a dispersing or wetting agent, suspending agent and one or more preservatives. Suitable dispersing or wetting agents or suspending agents are exemplified by those already mentioned above. Additional excipients, for example sweetening, flavoring and coloring agents, can also be present.

Pharmaceutical compositions of the invention can also be in the form of oil-in-water emulsions. The oily phase can be a vegetable oil or a mineral oil or mixtures of these. Suitable emulsifying agents can be naturally-occurring gums, for example gum acacia or gum tragacanth, naturally-occurring phosphatides, for example soy bean, lecithin, and esters or partial esters derived from fatty acids and hexitol, anhydrides, for example sorbitan monooleate, and condensation products of the said partial esters with ethylene oxide, for example polyoxyethylene sorbitan monooleate. The emulsions can also contain sweetening and flavoring agents.

Syrups and elixirs can be formulated with sweetening agents, for example glycerol, propylene glycol, sorbitol, glucose or sucrose. Such formulations can also contain a demulcent, a preservative and flavoring and coloring agents. The pharmaceutical compositions can be in the form of a sterile injectable aqueous or oleaginous suspension. This suspension can be formulated according to the known art using those suitable dispersing

or wetting agents and suspending agents that have been mentioned above. The sterile injectable preparation can also be a sterile injectable solution or suspension in a non-toxic parentally acceptable diluent or solvent, for example as a solution in 1,3-butanediol. Among the acceptable vehicles and solvents that can be employed are water, Ringer's solution and isotonic sodium chloride solution. In addition, sterile, fixed oils are conventionally employed as a solvent or suspending medium. For this purpose any bland fixed oil can be employed including synthetic mono-or diglycerides. In addition, fatty acids such as oleic acid find use in the preparation of injectables.

The nucleic acid molecules of the invention can also be administered in the form of suppositories, e.g., for rectal administration of the drug. These compositions can be prepared by mixing the drug with a suitable non-irritating excipient that is solid at ordinary temperatures but liquid at the rectal temperature and will therefore melt in the rectum to release the drug. Such materials include cocoa butter and polyethylene glycols.

Nucleic acid molecules of the invention can be administered parenterally in a sterile medium. The drug, depending on the vehicle and concentration used, can either be suspended or dissolved in the vehicle. Advantageously, adjuvants such as local anesthetics, preservatives and buffering agents can be dissolved in the vehicle.

Dosage levels of the order of from about 0.1 mg to about 140 mg per kilogram of body weight per day are useful in the treatment of the above-indicated conditions (about 0.5 mg to about 7 g per patient per day). The amount of active ingredient that can be combined with the carrier materials to produce a single dosage form varies depending upon the host treated and the particular mode of administration. Dosage unit forms generally contain between from about 1 mg to about 500 mg of an active ingredient.

It is understood that the specific dose level for any particular patient depends upon a variety of factors including the activity of the specific compound employed, the age, body weight, general health, sex, diet, time of administration, route of administration, and rate of excretion, drug combination and the severity of the particular disease undergoing therapy.

For administration to non-human animals, the composition can also be added to the animal feed or drinking water. It can be convenient to formulate the animal feed and drinking water compositions so that the animal takes in a therapeutically appropriate quantity of the composition along with its diet. It can also be convenient to present the composition as a premix for addition to the feed or drinking water.

The nucleic acid molecules of the present invention can also be administered to a patient in combination with other therapeutic compounds to increase the overall therapeutic

effect. The use of multiple compounds to treat an indication can increase the beneficial effects while reducing the presence of side effects.

Alternatively, the enzymatic nucleic acid molecules of the instant invention can be expressed within cells from eukaryotic promoters (e.g., Izant and Weintraub, 1985 Science 229, 345; McGarry and Lindquist, 1986 Proc. Natl. Acad. Sci. USA 83, 399; Scanlon et al., 1991, Proc. Natl. Acad. Sci. USA, 88, 10591-5; Kashani-Sabet et al., 1992 Antisense Res. Dev., 2, 3-15; Dropulic et al., 1992 J. Virol, 66, 1432-41; Weerasinghe et al., 1991 J. Virol, 65, 5531-4; Ojwang et al., 1992 Proc. Natl. Acad. Sci. USA 89, 10802-6; Chen et al., 1992 Nucleic Acids Res., 20, 4581-9; Sarver et al., 1990 Science 247, 1222-1225; Thompson et al., 1995 Nucleic Acids Res. 23, 2259; Good et al., 1997, Gene Therapy, 4, 45; all of the references are hereby incorporated in their totality by reference herein). Those skilled in the art realize that any nucleic acid can be expressed in eukaryotic cells from the appropriate DNA/RNA vector. The activity of such nucleic acids can be augmented by their release from the primary transcript by a enzymatic nucleic acid (Draper et al., PCT WO 93/23569, and Sullivan et al., PCT WO 94/02595; Ohkawa et al., 1992 Nucleic Acids Symp. Ser., 27, 15-6; Taira et al., 1991, Nucleic Acids Res., 19, 5125-30; Ventura et al., 1993 Nucleic Acids Res., 21, 3249-55; Chowrira et al., 1994 J. Biol. Chem. 269, 25856; all of the references are hereby incorporated in their totality by reference herein).

In another aspect of the invention, RNA molecules of the present invention can be expressed from transcription units (see for example Couture et al., 1996, TIG., 12, 510) inserted into DNA or RNA vectors. The recombinant vectors can be DNA plasmids or viral vectors. Ribozyme expressing viral vectors can be constructed based on, but not limited to, adeno-associated virus, retrovirus, adenovirus, or alphavirus. The recombinant vectors capable of expressing the nucleic acid molecules can be delivered as described above, and persist in target cells. Alternatively, viral vectors can be used that provide for transient expression of nucleic acid molecules. Such vectors can be repeatedly administered as necessary. Once expressed, the nucleic acid molecule binds to the target mRNA. Delivery of nucleic acid molecule expressing vectors can be systemic, such as by intravenous or intramuscular administration, by administration to target cells ex-planted from the patient followed by reintroduction into the patient, or by any other means that would allow for introduction into the desired target cell (for a review see Couture et al., 1996, TIG., 12, 510).

In one aspect, the invention features an expression vector comprising nucleic acid sequence encoding at least one of the nucleic acid molecules of the instant invention. The

nucleic acid sequence encoding the nucleic acid molecules of the instant invention is operably linked in a manner that allows expression of that nucleic acid molecule.

In another aspect, the invention features an expression vector comprising: a) a transcription initiation region (e.g., eukaryotic pol I, II or III initiation region); b) a transcription termination region (e.g., eukaryotic pol I, II or III termination region); c) a nucleic acid sequence encoding at least one of the nucleic acid molecules of the instant invention; and wherein said sequence is operably linked to said initiation region and said termination region, in a manner that allows expression and/or delivery of said nucleic acid molecule. The vector can optionally include an open reading frame (ORF) for a protein operably linked on the 5' side or the 3'-side of the sequence encoding the nucleic acid catalyst of the invention; and/or an intron (intervening sequences).

Transcription of the nucleic acid molecule sequences can be driven from a promoter for eukaryotic RNA polymerase I (pol I), RNA polymerase II (pol II), or RNA polymerase III (pol III). Transcripts from pol II or pol III promoters are generally expressed at high levels in all cells; the levels of a given pol II promoter in a given cell type will depend on the nature of the gene regulatory sequences (enhancers, silencers, etc.) present nearby. Prokaryotic RNA polymerase promoters can be also used, providing that the prokaryotic RNA polymerase enzyme is expressed in the appropriate cells (Elroy-Stein and Moss, 1990, Proc. Natl. Acad. Sci. USA, 87, 6743-7; Gao and Huang 1993, Nucleic Acids Res., 21, 2867-72; Lieber et al., 1993, Methods Enzymol., 217, 47-66; Zhou et al., 1990, Mol. Cell. Biol., 10, 4529-37). All of these references are incorporated by reference herein. Several investigators have demonstrated that nucleic acid molecules, such as enzymatic nucleic acids, expressed from such promoters function in mammalian cells (e.g. Kashani-Sabet et al., 1992, Antisense Res. Dev., 2, 3-15; Ojwang et al., 1992, Proc. Natl. Acad. Sci. USA, 89, 10802-6; Chen et al., 1992, Nucleic Acids Res., 20, 4581-9; Yu et al., 1993, Proc. Natl. Acad. Sci. U S A, 90, 6340-4; L'Huillier et al., 1992, EMBO J., 11, 4411-8; Lisziewicz et al., 1993, Proc. Natl. Acad. Sci. U. S. A, 90, 8000-4; Thompson et al., 1995, Nucleic Acids Res., 23, 2259; Sullenger & Cech, 1993, Science, 262, 1566). More specifically, transcription units such as the ones derived from genes encoding U6 small nuclear (snRNA), transfer RNA (tRNA) and adenovirus VA RNA are useful in generating high concentrations of desired RNA molecules such as enzymatic nucleic acids in cells (Thompson et al., supra; Couture and Stinchcomb, 1996, supra; Noonberg et al., 1994, Nucleic Acid Res., 22, 2830; Noonberg et al., US Patent No. 5,624,803; Good et al., 1997, Gene Ther., 4, 45; Beigelman et al., International PCT

Publication No. WO 96/18736; all of these publications are incorporated by reference herein. The above enzymatic nucleic acid transcription units can be incorporated into a variety of vectors for introduction into mammalian cells, including but not restricted to, plasmid DNA vectors, viral DNA vectors (such as adenovirus or adeno-associated virus vectors), or viral RNA vectors (such as retroviral or alphavirus vectors) (for a review see Couture and Stinchcomb, 1996, supra).

In yet another aspect, the invention features an expression vector comprising nucleic acid sequence encoding at least one of the nucleic acid molecules of the invention, in a manner that allows expression of that nucleic acid molecule. The expression vector comprises in one embodiment; a) a transcription initiation region; b) a transcription termination region; and c) a nucleic acid sequence encoding at least one said nucleic acid molecule, wherein said sequence is operably linked to said initiation region and said termination region, in a manner that allows expression and/or delivery of said nucleic acid molecule.

In another embodiment, the expression vector comprises: a) a transcription initiation region; b) a transcription termination region; c) an open reading frame; and d) a nucleic acid sequence encoding at least one said nucleic acid molecule, wherein said sequence is operably linked to the 3'-end of said open reading frame and wherein said sequence is operably linked to said initiation region, said open reading frame and said termination region, in a manner that allows expression and/or delivery of said nucleic acid molecule.

In yet another embodiment, the expression vector comprises: a) a transcription initiation region; b) a transcription termination region; c) an intron; and d) a nucleic acid sequence encoding at least one said nucleic acid molecule, wherein said sequence is operably linked to said initiation region, said intron and said termination region, in a manner that allows expression and/or delivery of said nucleic acid molecule.

In another embodiment, the expression vector comprises: a) a transcription initiation region; b) a transcription termination region; c) an intron; d) an open reading frame; and e) a nucleic acid sequence encoding at least one said nucleic acid molecule, wherein said sequence is operably linked to the 3'-end of said open reading frame and wherein said sequence is operably linked to said initiation region, said intron, said open reading frame and said termination region, in a manner that allows expression and/or delivery of said nucleic acid molecule.

The nucleic acid molecules of the present invention can also be administered to a patient in combination with other therapeutic compounds to increase the overall therapeutic effect. The use of multiple compounds to treat an indication can increase the beneficial effects while reducing the presence of side effects.

<u>Interferons</u>

Type I interferons (IFN) are a class of natural cytokines that includes a family of greater than twenty-five IFN- α (Pesta, 1986, Methods Enzymol. 119, 3-14) as well as IFN- β , and IFN-ω. Although evolutionarily derived from the same gene (Diaz et al., 1994, Genomics 22, 540-552), there are many differences in the primary sequence of these molecules, implying an evolutionary divergence in biologic activity. All type I IFN share a common pattern of biologic effects that begin with binding of the IFN to the cell surface receptor (Pfeffer & Strulovici, 1992, Transmembrane secondary messengers for IFN-\(\alpha\beta\), In: Interferon. Principles and Medical Applications., S. Baron, D.H. Coopenhaver, F. Dianzani, W.R. Fleischmann Jr., T.K. Hughes Jr., G.R. Kimpel, D.W. Niesel, G.J. Stanton, and S.K. Tyring, eds. 151-160). Binding is followed by activation of tyrosine kinases, including the Janus tyrosine kinases and the STAT proteins, which leads to the production of several IFNstimulated gene products (Johnson et al., 1994, Sci. Am. 270, 68-75). The IFN-stimulated gene products are responsible for the pleotropic biologic effects of type I IFN, including antiviral, antiproliferative, and immunomodulatory effects, cytokine induction, and HLA class I and class II regulation (Pestka et al., 1987, Annu. Rev. Biochem 56, 727). Examples of IFNstimulated gene products include 2-5-oligoadenylate synthetase (2-5 OAS), β₂-microglobulin, neopterin, p68 kinases, and the Mx protein (Chebath & Revel, 1992, The 2-5 A system: 2-5 A synthetase, isospecies and functions. In: Interferon. Principles and Medical Applications. S. Baron, D.H. Coopenhaver, F. Dianzani, W.R. Jr. Fleischmann, T.K. Jr Hughes, G.R. Kimpel, D.W. Niesel, G.J. Stanton, and S.K. Tyring, eds., pp. 225-236; Samuel, 1992, The RNAdependent P1/eIF-2a protein kinase. In: Interferon. Principles and Medical Applications. S. Baron, D.H. Coopenhaver, F. Dianzani, W.R. Fleischmann Jr., T.K. Hughes Jr., G.R. Kimpel, D.W. Niesel, G.H. Stanton, and S.K. Tyring, eds. 237-250; Horisberger, 1992, MX protein: function and Mechanism of Action. In: Interferon. Principles and Medical Applications. S. Baron, D.H. Coopenhaver, F. Dianzani, W.R. Fleischmann Jr., T.K. Hughes Jr., G.R. Kimpel, D.W. Niesel, G.H. Stanton, and S.K. Tyring, eds. 215-224). Although all type I IFN have similar biologic effects, not all the activities are shared by each type I IFN, and, in many

cases, the extent of activity varies quite substantially for each IFN subtype (Fish et al, 1989, J. Interferon Res. 9, 97-114; Ozes et al., 1992, J. Interferon Res. 12, 55-59). More specifically, investigations into the properties of different subtypes of IFN-α and molecular hybrids of IFN-α have shown differences in pharmacologic properties (Rubinstein, 1987, J. Interferon Res. 7, 545-551). These pharmacologic differences can arise from as few as three amino acid residue changes (Lee et al., 1982, Cancer Res. 42, 1312-1316).

Eighty-five to 166 amino acids are conserved in the known IFN- α subtypes. Excluding the IFN- α pseudogenes, there are approximately 25 known distinct IFN- α subtypes. Pairwise comparisons of these nonallelic subtypes show primary sequence differences ranging from 2% to 23%. In addition to the naturally occurring IFNs, a non-natural recombinant type I interferon known as consensus interferon (CIFN) has been synthesized as a therapeutic compound (Tong *et al.*, 1997, *Hepatology* 26, 747-754).

Interferon is currently in use for at least 12 different indications, including infectious and autoimmune diseases and cancer (Borden, 1992, N. Engl. J. Med. 326, 1491-1492). For autoimmune diseases, IFN has been utilized for treatment of rheumatoid arthritis, multiple sclerosis, and Crohn's disease. For treatment of cancer, IFN has been used alone or in combination with a number of different compounds. Specific types of cancers for that IFN has been used include squamous cell carcinomas, melanomas, hypernephromas, hemangiomas, hairy cell leukemia, and Kaposi's sarcoma. In the treatment of infectious diseases, IFNs increase the phagocytic activity of macrophages and cytotoxicity of lymphocytes and inhibits the propagation of cellular pathogens. Specific indications for that IFN has been used as treatment include: hepatitis B, human papillomavirus types 6 and 11 (i.e. genital warts) (Leventhal et al., 1991, N Engl J Med 325, 613-617), chronic granulomatous disease, and hepatitis C virus.

Nucleic acid molecules of the instant invention, in combination with IFN, have the potential to improve the effectiveness of treatment of WNV or any of the other indications discussed above. Nucleic acid molecules targeting RNAs associated with diseases such as infectious diseases, autoimmune diseases, and cancer, can be used individually or in combination with other therapies such as IFN to achieve enhanced efficacy.

Examples

The following are non-limiting examples showing the selection, isolation, synthesis and activity of nucleic acids of the instant invention.

The following examples demonstrate the selection and design of Antisense, hammerhead, DNAzyme, NCH, Amberzyme, Zinzyme, or G-Cleaver enzymatic nucleic acid molecules and binding/cleavage sites within WNV RNA.

Example 1: Identification of Potential Target Sites in Human WNV RNA

The sequence of human WNV was screened for accessible sites using a computerfolding algorithm. Regions of the RNA that do not form secondary folding structures and contained potential enzymatic nucleic acid and/or antisense binding/cleavage sites were identified. The sequences of these binding/cleavage sites are shown in Tables III-XIII.

Example 2: Selection of Enzymatic Nucleic Acid Cleavage Sites in Human WNV RNA

Enzymatic nucleic acid target sites were chosen by analyzing sequences of Human WNV (Genbank accession No: AF196835) and prioritizing the sites on the basis of folding. Enzymatic nucleic acid molecules are designed that could bind each target and are individually analyzed by computer folding (Christoffersen et al., 1994 J. Mol. Struc. Theochem, 311, 273; Jaeger et al., 1989, Proc. Natl. Acad. Sci. USA, 86, 7706) to assess whether the enzymatic nucleic acid molecules sequences fold into the appropriate secondary structure. Those enzymatic nucleic acid molecules with unfavorable intramolecular interactions between the binding arms and the catalytic core are eliminated from consideration. As noted below, varying binding arm lengths can be chosen to optimize activity. Generally, at least 4 bases on each arm can bind to, or otherwise interact with, the target RNA.

Example 3: Chemical Synthesis and Purification of Enzymatic nucleic acid molecules and Antisense for Efficient Cleavage and/or blocking of WNV RNA

Enzymatic nucleic acid molecules and antisense constructs can be designed to anneal to various sites in the RNA transcript. The binding arms of the enzymatic nucleic acid molecules are complementary to the target site sequences described above, while the antisense constructs are complementary to the target site sequences described above. The enzymatic nucleic acid molecules and antisense constructs can be chemically synthesized using, for example, RNA syntheses such as those described above and those described in Usman et al., (1987 J. Am. Chem. Soc., 109, 7845), Scaringe et al., (1990 Nucleic Acids Res., 18, 5433) and Wincott et al., supra. Such methods make use of common nucleic acid protecting and coupling groups, such as dimethoxytrityl at the 5'-end, and phosphoramidites at the 3'-end. The average stepwise coupling yields are typically >98%.

Enzymatic nucleic acid molecules and antisense constructs also can be synthesized from DNA templates using bacteriophage T7 RNA polymerase (Milligan and Uhlenbeck, 1989, Methods Enzymol. 180, 51). Enzymatic nucleic acid molecules and antisense constructs are purified by gel electrophoresis using known methods, or are purified by high pressure liquid chromatography (HPLC; See Wincott et al., supra; the totality of which is hereby incorporated herein by reference), and are resuspended in water. The sequences of chemically synthesized enzymatic nucleic acid constructs are shown below in Table III-XIII. The enzymatic nucleic acid molecules shown in Table XIII were chemically synthesized. The sequences of chemically synthesized antisense constructs are complimentary sequences to the Substrate sequences shown below as in Table III-XIII.

Example 4: Enzymatic nucleic acid molecule Cleavage of WNV RNA Target in vitro

Enzymatic nucleic acid molecules targeted to the human WNV RNA are designed and synthesized as described above. These enzymatic nucleic acid molecules can be tested for cleavage activity *in vitro*, for example using the following procedure. The target sequences and the nucleotide location within the WNV RNA are given in **Tables III-XIII**.

Cleavage Reactions: Full-length or partially full-length, internally-labeled target RNA for the enzymatic nucleic acid cleavage assay is prepared by in vitro transcription in the presence of [a-32p] CTP, passed over a G 50 Sephadex column by spin chromatography and used as substrate RNA without further purification. Alternately, substrates are 5'-32P-end labeled using T4 polynucleotide kinase enzyme. Assays are performed by pre-warming a 2X concentration of purified enzymatic nucleic acid in cleavage buffer (50 mM Tris-HCl, pH 7.5 at 37°C, 10 mM MgCl₂), and the cleavage reaction is initiated by adding the 2X enzymatic nucleic acid mix to an equal volume of substrate RNA (maximum of 1-5 nM) that was also pre-warmed in cleavage buffer. As an initial screen, assays are carried out for 3 hours at 37°C using a final concentration of either 40 nM or 1 mM enzymatic nucleic acid molecule, i.e., enzymatic nucleic acid molecule excess. The reaction is quenched by the addition of an equal volume of 95% formamide, 20 mM EDTA, 0.05% bromophenol blue and 0.05% xylene cyanol after which the sample is heated to 95°C for 2 minutes, quick chilled and loaded onto a denaturing polyacrylamide gel. Substrate RNA and the specific RNA cleavage products generated by enzymatic nucleic acid cleavage are visualized on an autoradiograph of the gel. The percentage of cleavage is determined by Phosphor Imager® quantitation of bands representing the intact substrate and the cleavage products. Using the methods described, five different enzymatic nucleic acid molecules of different motifs were tested for cleavage activity. The results of this study are shown in Table XIV, which shows cleavage data for five different enzymatic nucleic acid motifs (Hammerhead, Inozyme, DNAzyme, Amberzyme and Zinzyme).

Example 5: Nucleic acid inhibition of WNV target RNA in vivo

Nucleic acid molecules targeted to the human WNV RNA are designed and synthesized as described above. These nucleic acid molecules can be tested for cleavage activity in vivo, for example, using the procedures described below. The target sequences and the nucleotide location within the WNV RNA are given in Tables III-XIII.

Cell Culture Assays

HeLa cells are seeded in 96-well plates at a density of 9000-10,000 cells/well and incubated at 37°C under 5% CO2 for 24 h. Vero and/or BHK-21 cells can also be used. Cells are then infected with WNV for 1 hour at a multiplicity of infection of 2 in a total volume of 0.1 ml per well. Transfection of enzymatic nucleic acid (for example, enzymatic nucleic acid molecule of SEQ ID NOS. 37019-37043) or control oligonucleotides (scrambled or binding-attenuated core sequence; 50 - 200 nM final) is achieved by mixing 5X enzymatic nucleic acid or control oligonucleotides (250 - 1000 nM) and 5X of a cationic lipid in DMEM with 5% fetal bovine serum (FBS) in U-bottom 96-well plates. Enzymatic nucleic acid/lipid complexes are allowed to incubate for 15 min at 37°C under 5% CO2. The viral inoculum is aspirated from cells and replaced with 80 μl of DMEM with 5% FBS serum and 20 μl of 5X nucleic acid/lipid complexes. Cells are incubated with 5X complexes for 24 h at 37°C under 5% CO2. After 24 h, intracellular virus released after freeze/thaw and/or virus secreted into the media is quantified by plaque assay or by a cytopathic effect limiting dilution assay. In addition, viral protein and viral RNA can be analyzed by ELISA and RT-PCR, respectively.

Animal Models

WNV infectivity has been studied in mice (Ben-Nathan et al., 1996m Arch. Virol., 141, 459-469; Chambers et al., 1998, 79, 2375-2380). Mouse models such as those described can be used to study inhibition of WNV by the nucleic acid molecules of the instant invention. For example, the induction to WNV infection in mice has been demonstrated, resulting in penetration of WNV into the central nervous system. Viral infection in mice is exacerbated when animals are macrophage depleted, resulting in higher and extended viremia and accelerated development of encephalitis and death. Both macrophage intact and macrophage depleted mice thus infected with WNV are treated with enzymatic nucleic acids of the invention (SEQ ID NOS: 37019-37043) along with relevant scrambled or attenuated controls via sub-cutaneous injection or intraperitoneal injection. Viral load and mortality are

used as endpoints in the study. As noted in Ben-Nathan et al., supra, an increase in mortality from 50% to 100% results in macrophage depleted mice. A decrease in mortality based on these percentages with a similar decrease in viral load in these animals is indicative of a therapeutic effect mediated by nucleic acid molecules of the invention.

Diagnostic uses

Enzymatic nucleic acid molecules of this invention can be used as diagnostic tools to examine genetic drift and mutations within diseased cells or to detect the presence of WNV RNA in a cell. The close relationship between enzymatic nucleic acid activity and the structure of the target RNA allows the detection of mutations in any region of the molecule that alters the base-pairing and three-dimensional structure of the target RNA. By using multiple enzymatic nucleic acid molecules described in this invention, one can map nucleotide changes that are important to RNA structure and function in vitro, as well as in cells and tissues in vivo. Cleavage of target RNAs with enzymatic nucleic acid molecules can be used to inhibit gene expression and define the role of specified gene products in the progression of disease. In this manner, other genetic targets can be defined as important mediators of the disease. Such methods can improve treatment of the disease by affording the possibility of combination therapies (e.g., multiple enzymatic nucleic acid molecules targeted to different genes, enzymatic nucleic acid molecules coupled with known small molecule inhibitors, or intermittent treatment with combinations of enzymatic nucleic acid molecules and/or other chemical or biological molecules). Other in vitro uses of enzymatic nucleic acids of this invention are well known in the art, and include detection of the presence of mRNAs associated with WNV related condition. Such RNA is detected by determining the presence of a cleavage product after treatment with an enzymatic nucleic acid molecule using standard methodology.

Enzymatic nucleic acid molecules that can cleave only wild-type or mutant forms of the target RNA can be used for the assay. The first enzymatic nucleic acid molecule is used to identify wild-type RNA present in the sample and the second enzymatic nucleic acid molecule will be used to identify mutant RNA in the sample. As reaction controls, synthetic substrates of both wild-type and mutant RNA are cleaved by both enzymatic nucleic acid molecules to demonstrate the relative enzymatic nucleic acid efficiencies in the reactions and the absence of cleavage of the "non-targeted" RNA species. The cleavage products from the synthetic substrates also serve to generate size markers for the analysis of wild-type and

mutant RNAs in the sample population. Thus each analysis requires two enzymatic nucleic acid molecules, two substrates and one unknown sample that is combined into six reactions. The presence of cleavage products is determined using an RNase protection assay so that full-length and cleavage fragments of each RNA can be analyzed in one lane of a polyacrylamide gel. It is not absolutely required to quantify the results to gain insight into the expression of mutant RNAs and putative risk of the desired phenotypic changes in target cells. The expression of mRNA whose protein product is implicated in the development of the phenotype (i.e., WNV) is adequate to establish risk. If probes of comparable specific activity are used for both transcripts, then a qualitative comparison of RNA levels is adequate and decreases the cost of the initial diagnosis. Higher mutant form to wild-type ratios are correlated with higher risk whether RNA levels are compared qualitatively or quantitatively.

Additional Uses

The sequence-specific enzymatic nucleic acid molecules of the instant invention can also have many of the same applications for the study of RNA that DNA restriction endonucleases have for the study of DNA (Nathans et al., 1975 Ann. Rev. Biochem. 44:273). For example, the pattern of restriction fragments can be used to establish sequence relationships between two related RNAs, and large RNAs could be specifically cleaved to fragments of a size more useful for study. The ability to engineer sequence specificity of the enzymatic nucleic acid molecule is ideal for cleavage of RNAs of unknown sequence. Applicant describes the use of nucleic acid molecules to down-regulate gene expression of target genes in bacterial, microbial, fungal, viral, and eukaryotic systems including plant, or mammalian cells.

All patents and publications mentioned in the specification are indicative of the levels of skill of those skilled in the art to that the invention pertains. All references cited in this disclosure are incorporated by reference to the same extent as if each reference had been incorporated by reference in its entirety individually.

One skilled in the art would readily appreciate that the present invention is well adapted to carry out the objects and obtain the ends and advantages mentioned, as well as those inherent therein. The methods and compositions described herein as presently representative of preferred embodiments are exemplary and are not intended as limitations on the scope of the invention. Changes therein and other uses will occur to those skilled in the

art, that are encompassed within the spirit of the invention, are defined by the scope of the claims.

It will be readily apparent to one skilled in the art that varying substitutions and modifications can be made to the invention disclosed herein without departing from the scope and spirit of the invention. Thus, such additional embodiments are within the scope of the present invention and the following claims.

The invention illustratively described herein suitably can be practiced in the absence of any element or elements, limitation or limitations that are not specifically disclosed herein. The terms and expressions that have been employed are used as terms of description and not of limitation, and there is no intention that in the use of such terms and expressions of excluding any equivalents of the features shown and described or portions thereof, but it is recognized that various modifications are possible within the scope of the invention claimed. Thus, it should be understood that although the present invention has been specifically disclosed by preferred embodiments, optional features, modification and variation of the concepts herein disclosed can be resorted to by those skilled in the art, and that such modifications and variations are considered to fall within the scope of this invention as defined by the description and the appended claims.

In addition, where features or aspects of the invention are described in terms of Markush groups or other grouping of alternatives, those skilled in the art will recognize that the invention is also thereby described in terms of any individual member or subgroup of members of the Markush group or other group.

Other embodiments are within the claims that follow.

TABLE I

Characteristics of naturally occurring ribozymes

Group I Introns

- Size: ~150 to >1000 nucleotides.
- Requires a U in the target sequence immediately 5' of the cleavage site.
- Binds 4-6 nucleotides at the 5'-side of the cleavage site.
- Reaction mechanism: attack by the 3'-OH of guanosine to generate cleavage products with 3'-OH and 5'-guanosine.
- Additional protein cofactors required in some cases to help folding and maintainance of the active structure.
- Over 300 known members of this class. Found as an intervening sequence in Tetrahymena thermophila rRNA, fungal mitochondria, chloroplasts, phage T4, bluegreen algae, and others.
- Major structural features largely established through phylogenetic comparisons, mutagenesis, and biochemical studies [i,ii].
- Complete kinetic framework established for one ribozyme [iii, iv, v, vi].
- Studies of ribozyme folding and substrate docking underway [vii, viii, ix].
- Chemical modification investigation of important residues well established [x,xi].
- The small (4-6 nt) binding site may make this ribozyme too non-specific for targeted RNA cleavage, however, the Tetrahymena group I intron has been used to repair a "defective" β-galactosidase message by the ligation of new β-galactosidase sequences onto the defective message [xii].

RNAse P RNA (M1 RNA)

- Size: ~290 to 400 nucleotides.
- RNA portion of a ubiquitous ribonucleoprotein enzyme.
- Cleaves tRNA precursors to form mature tRNA [xiii].
- Reaction mechanism: possible attack by M²⁺-OH to generate cleavage products with 3'-OH and 5'-phosphate.
- RNAse P is found throughout the prokaryotes and eukaryotes. The RNA subunit has been sequenced from bacteria, yeast, rodents, and primates.
- Recruitment of endogenous RNAse P for therapeutic applications is possible through hybridization of an External Guide Sequence (EGS) to the target RNA [xiv,xv]
- Important phosphate and 2' OH contacts recently identified [xvi,xvii]

Group II Introns

- Size: >1000 nucleotides.
- Trans cleavage of target RNAs recently demonstrated [xviii,xix].
- Sequence requirements not fully determined.
- Reaction mechanism: 2'-OH of an internal adenosine generates cleavage products with 3'-OH and a "lariat" RNA containing a 3'-5' and a 2'-5' branch point.

- Only natural ribozyme with demonstrated participation in DNA cleavage [xx,xxi] in addition to RNA cleavage and ligation.
- Major structural features largely established through phylogenetic comparisons [xxii].
- Important 2' OH contacts beginning to be identified [xxiii]
- Kinetic framework under development [xxiv]

Neurospora VS RNA

- Size: ~144 nucleotides.
- Trans cleavage of hairpin target RNAs recently demonstrated [xxv].
- Sequence requirements not fully determined.
- Reaction mechanism: attack by 2'-OH 5' to the scissile bond to generate cleavage products with 2',3'-cyclic phosphate and 5'-OH ends.
- Binding sites and structural requirements not fully determined.
- Only 1 known member of this class. Found in Neurospora VS RNA.

Hammerhead Ribozyme

(see text for references)

- Size: ~13 to 40 nucleotides.
- Requires the target sequence UH immediately 5' of the cleavage site.
- Binds a variable number nucleotides on both sides of the cleavage site.
- Reaction mechanism: attack by 2'-OH 5' to the scissile bond to generate cleavage products with 2',3'-cyclic phosphate and 5'-OH ends.
- 14 known members of this class. Found in a number of plant pathogens (virusoids) that use RNA as the infectious agent.
- Essential structural features largely defined, including 2 crystal structures [xxvi,xxvii]
- Minimal ligation activity demonstrated (for engineering through in vitro selection)
 [xxviii]
- Complete kinetic framework established for two or more ribozymes [xxix].
- Chemical modification investigation of important residues well established [xxx].

Hairpin Ribozyme

- Size: ~50 nucleotides.
- Requires the target sequence GUC immediately 3' of the cleavage site.
- Binds 4-6 nucleotides at the 5'-side of the cleavage site and a variable number to the 3'-side of the cleavage site.
- Reaction mechanism: attack by 2'-OH 5' to the scissile bond to generate cleavage products with 2',3'-cyclic phosphate and 5'-OH ends.
- 3 known members of this class. Found in three plant pathogen (satellite RNAs of the tobacco ringspot virus, arabis mosaic virus and chicory yellow mottle virus) which uses RNA as the infectious agent.
- Essential structural features largely defined [xxxi,xxxii,xxxii,xxxiv]
- Ligation activity (in addition to cleavage activity) makes ribozyme amenable to engineering through in vitro selection [xxxv]
- Complete kinetic framework established for one ribozyme [xxxvi].
- Chemical modification investigation of important residues begun [xxxviii].

H patitis Delta Virus (HDV) Ribozyme

- Size: ~60 nucleotides.
- Trans cleavage of target RNAs demonstrated [xxxix].
- Binding sites and structural requirements not fully determined, although no sequences 5' of cleavage site are required. Folded ribozyme contains a pseudoknot structure [x1].
- Reaction mechanism: attack by 2'-OH 5' to the scissile bond to generate cleavage products with 2',3'-cyclic phosphate and 5'-OH ends.
- Only 2 known members of this class. Found in human HDV.
- Circular form of HDV is active and shows increased nuclease stability [xli]
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Wait Time*

RNA

7.5 min 7.5 min

5 sec 5 sec

Table II

Table II:

Wait Time* DNA Wait Time* 2'O-methyl 300 sec 2.5 min 2.5 min 21 sec 45 sec 5 sec 5 sec A. 2.5 µmol Synthesis Cycle ABI 394 Instrument 100 sec 21 sec 45 sec 45 sec 45 sec 5 sec 5 sec Amount 6.67 mL 238 µL 233 µL 163 µL 233 µL $2.3\,\text{mL}$ 1.7 mL 645 µL Equivalents 23.8 100 11.2 12.9 NA 176 N-Methyl Imidazole Phosphoramidites S-Ethyl Tetrazole Acetic Anhydride Acetonitrile Beaucage Reagent

300 sec

21 sec 45 sec

Reagent	Equivalents	Amount	Wait Time* DNA V	Wait Time* 2'- O-methyl	Wait Time* RNA
Phosphoramidites	15	31 pL	45 sec	233 sec	465 sec
S-Ethyl Tetrazole	38.7	31 pL	45 sec	233 min	465 sec
Acetic Anhydride	655	124 µL	5 sec	5 sec	5 sec
N-Methyl Imidazole	1245	124 µL	5 sec	5 sec	5 sec
TCA	200	732 pl.	10 sec	10 sec	10 sec
lodine	20.6	244 p.L.	15 sec	15 sec	15 sec

B. 0.2 µmol Synthesis Cycle ABI 394 Instrument

lodine

TCA

300 sec NA	
300 sec NA	ument
100 sec NA	e 96 well Instri
232 µL 2.64 mL	C. 0.2 µmol Synthesis Cycle 96 well Instrument
7.7 NA	С. 0.2 µmol 8
Beaucage Acetonitrile	

Wait Time* Rib 360 sec 200 sec NA 360sec 30 sec 10 sec 10 sec 15 sec Wait Time* 2'-O-methyl 200 sec 180 sec 180 min 10 sec 15 sec 30 sec 10 sec Wait Time* DNA 100 sec 15 sec 30 sec 60 sec 10 sec 10 sec 60 sec DNA/2'-0-methyl/Ribo 1150/1150/1150 µL 250/500/500 µL 40/60/120 µL 40/60/120 µL 50/50/50 µL 50/50/50 µL 80/80/80 µL 80/120/120 **Amount** DNA/2'-O-methyl/Ribo Equivalents 238/475/475 265/265/265 502/502/502 70/105/210 8.8/6.8/6.8 22/33/66 34/51/51 N-Methyl Imidazole **Phosphoramidites** S-Ethyl Tetrazole Acetic Anhydride Acetonitrile Beaucage Reagent lodine

* Wait time does not include contact time during delivery.

TCA

 ${\bf Table~III} \\ {\bf Table~III:~WNV~Hammerhead~Ribozyme~and~Target~Sequence}$

Pos	Substrate	Seq ID	Ribozyme	Rs Seq
	91911111111111111111111111111111111111		ACROTRON OUGANIONO COCCUMINOCO CON ACTURNOUG	15300
30	GACAAACU U AGUAGUGU	1 2	ACACUACU CUGAUGAG GCCGUUAGGC CGAA AGUUUGUC AACACUAC CUGAUGAG GCCGUUAGGC CGAA AAGUUUGU	15309
31	ACAAACUU A GUAGUGUU	3	ACAAACAC CUGAUGAG GCCGUUAGGC CGAA AAGSUU	15310
34	AACUUAGU A GUGUUUGU	4	UCCUCACA CUGAUGAG GCCGUUAGGC CGAA ACACUACU	15311
39	AGUAGUGU U UGUGAGGA	5	AUCCUCACA CUGAUGAG GCCGUUAGGC CGAA ACACUACU	15312
40	GUAGUGUU U GUGAGGAU		UUGUUGUU CUGAUGAG GCCGUUAGGC CGAA AACACCAC	15313
49	GUGAGGAU U AACAACAA	7	AUUGUUGU CUGAUGAG GCCGUUAGGC CGAA AAUCCUCA	
50	UGAGGAUU A ACAACAAU	8	ACUGUGUU CUGAUGAG GCCGUUAGGC CGAA AAUCCUCA ACUGUGUU CUGAUGAG GCCGUUAGGC CGAA AUUGUUGU	15315
59	ACAACAAU U AACACAGU CAACAAUU A ACACAGUG	9	CACUGUGU CUGAUGAG GCCGUUAGGC CGAA AUUGUUG	15316
60	CGAGCUGU U UCUUAGCA	10	UGCUAAGA CUGAUGAG GCCGUUAGGC CGAA AAOUGUUG	15317
77 78	GAGCUGUU U CUUAGCAC	11	GUGCUAAGA CUGAUGAG GCCGUUAGGC CGAA ACAGCUC	15310
79	AGCUGUIU C UUAGCACG	12	CGUGCUAA CUGAUGAG GCCGUUAGGC CGAA AACAGCU	15320
81	CUGUUUCU U AGCACGAA	13	UUCGUGCU CUGAUGAG GCCGUUAGGC CGAA AGAAACAG	15321
82	UGUUUCUU A GCACGAAG	14	CUUCGUGC CUGAUGAG GCCGUUAGGC CGAA AAGAAACA	15322
93	ACGAAGAU C UCGAUGUC	15	GACAUCGA CUGAUGAG GCCGUUAGGC CGAA AUCUUCGU	15323
95	GAAGAUCU C GAUGUCUA	16	UAGACAUC CUGAUGAG GCCGUUAGGC CGAA AGAUCUUC	15324
101	CUCGAUGU C UAAGAAAC	17	GUUUCUUA CUGAUGAG GCCGUUAGGC CGAA ACAUCGAG	15325
103	CGAUGUCU A AGAAACCA	18	UGGUUUCU CUGAUGAG GCCGUUAGGC CGAA ACACCAUCG	15326
138	CGGGCUGU C AAUAUGCU	19	AGCAUAUU CUGAUGAG GCCGUUAGGC CGAA ACAGCCCG	15327
142	CUGUCAAU A UGCUAAAA	20	UUUUAGCA CUGAUGAG GCCGUUAGGC CGAA AUUGACAG	15328
147	AAUAUGCU A AAACGCGG	21	CCGCGUUU CUGAUGAG GCCGUUAGGC CGAA AGCAUAUU	15329
170	CCGCGUGU U GUCCUUGA	22	UCAAGGAC CUGAUGAG GCCGUUAGGC CGAA ACACGCGG	15330
173	CGUGUUGU C CUUGAUUG	23	CAAUCAAG CUGAUGAG GCCGUUAGGC CGAA ACAACACG	15331
176	GUUGUCCU U GAUUGGAC	24	GUCCAAUC CUGAUGAG GCCGUUAGGC CGAA AGGACAAC	15332
180	UCCUUGAU U GGACUGAA	25	UUCAGUCC CUGAUGAG GCCGUUAGGC CGAA AUCAAGGA	15333
196	AGAGGGCU A UGUUGAGC	26	GCUCAACA CUGAUGAG GCCGUUAGGC CGAA AGCCCUCU	15334
200	GGCUAUGU U GAGCCUGA	27	UCAGGCUC CUGAUGAG GCCGUUAGGC CGAA ACAUAGCC	15335
210	AGCCUGAU C GACGGCAA	28	UUGCCGUC CUGAUGAG GCCGUUAGGC CGAA AUCAGGCU	15336
228	GGGCCAAU A CGAUUUGU	29	ACAAAUCG CUGAUGAG GCCGUUAGGC CGAA AUUGGCCC	15337
233	AAUACGAU U UGUGUUGG	30	CCAACACA CUGAUGAG GCCGUUAGGC CGAA AUCGUAUU	15338
234	AUACGAUU U GUGUUGGC	31	GCCAACAC CUGAUGAG GCCGUUAGGC CGAA AAUCGUAU	15339
239	AUUUGUGU U GGCUCUCU	32	AGAGAGCC CUGAUGAG GCCGUUAGGC CGAA ACACAAAU	15340
244	UGUUGGCU C UCUUGGCG	33	CGCCAAGA CUGAUGAG GCCGUUAGGC CGAA AGCCAACA	15341
246	UUGGCUCU C UUGGCGUU	34	AACGCCAA CUGAUGAG GCCGUUAGGC CGAA AGAGCCAA	15342
248	GGCUCUCU U GGCGUUCU	35	AGAACGCC CUGAUGAG GCCGUUAGGC CGAA AGAGAGCC	15343
254	CUUGGCGU U CUUCAGGU	36	ACCUGAAG CUGAUGAG GCCGUUAGGC CGAA ACGCCAAG	15344
255	UUGGCGUU C UUCAGGUU	37	AACCUGAA CUGAUGAG GCCGUUAGGC CGAA AACGCCAA	15345
257	GGCGUUCU U CAGGUUCA	38	UGAACCUG CUGAUGAG GCCGUUAGGC CGAA AGAACGCC	15346
258	GCGUUCUU C AGGUUCAC	39	GUGAACCU CUGAUGAG GCCGUUAGGC CGAA AAGAACGC	15347
263	CUUCAGGU U CACAGCAA	40	UUGCUGUG CUGAUGAG GCCGUUAGGC CGAA ACCUGAAG	15348
264	UUCAGGUU C ACAGCAAU	41	AUUGCUGU CUGAUGAG GCCGUUAGGC CGAA AACCUGAA	15349
273	ACAGCAAU U GCUCCGAC	42	GUCGGAGC CUGAUGAG GCCGUUAGGC CGAA AUUGCUGU	15350
277	CAAUUGCU C CGACCCGA	43	UCGGGUCG CUGAUGAG GCCGUUAGGC CGAA AGCAAUUG	15351
298	UGCUGGAU C GAUGGAGA	44	UCUCCAUC CUGAUGAG GCCGUUAGGC CGAA AUCCAGCA	15352
339	AAACACCU U CUGAGUUU	45	AAACUCAG CUGAUGAG GCCGUUAGGC CGAA AGGUGUUU	15353
340	AACACCUU C UGAGUUUU	46	AAAACUCA CUGAUGAG GCCGUUAGGC CGAA AAGGUGUU	15354
346	UUCUGAGU U UUAAGAAG	47	CUUCUUAA CUGAUGAG GCCGUUAGGC CGAA ACUCAGAA	15355
347	UCUGAGUU U UAAGAAGG	48	CCUUCUUA CUGAUGAG GCCGUUAGGC CGAA AACUCAGA	15356
348	CUGAGUUU U AAGAAGGA	49	UCCUUCUU CUGAUGAG GCCGUUAGGC CGAA AAACUCAG	15357
349	UGAGUUUU A AGAAGGAA	50	UUCCUUCU CUGAUGAG GCCGUUAGGC CGAA AAAACUCA	15358
360	AAGGAACU A GGGACCUU	51	AAGGUCCC CUGAUGAG GCCGUUAGGC CGAA AGUUCCUU	15359
368	AGGGACCU U GACCAGUG	52	CACUGGUC CUGAUGAG GCCGUUAGGC CGAA AGGUCCCU	15360
379	CCAGUGCU A UCAAUCGG	53	CCGAUUGA CUGAUGAG GCCGUUAGGC CGAA AGCACUGG	15361
381	AGUGCUAU C AAUCGGCG	54	CGCCGAUU CUGAUGAG GCCGUUAGGC CGAA AUAGCACU	15362
385	CUAUCAAU C GGCGGAGC	55	GCUCCGCC CUGAUGAG GCCGUUAGGC CGAA AUUGAUAG	15363
395	GCGGAGCU C AAAACAAA	56	UUUGUUUU CUGAUGAG GCCGUUAGGC CGAA AGCUCCGC	15364
429	ACCGGAAU U GCAGUCAU	57	AUGACUGC CUGAUGAG GCCGUUAGGC CGAA AUUCCGGU	15365
435	AUUGCAGU C AUGAUUGG	58	CCAAUCAU CUGAUGAG GCCGUUAGGC CGAA ACUGCAAU	15366
441	GUCAUGAU U GGCCUGAU	59	AUCAGGCC CUGNUGAG GCCGUUAGGC CGAA AUCAUGAC	15367

WO 02/068637 PCT/US01/48350 Table III

939 GUCGUGCU A UUGCUUUU 117 AAAAGCAA CUGAUGAG GCCGUUAGGC CGAA AGCACGAC 15425 941 CGUGCUAU U GCUUUUGG 118 CCAAAAGC CUGAUGAG GCCGUUAGGC CGAA AUAGCACG 15426 945 CUAUUGCU U UUGGUGGC 119 GCCACCAA CUGAUGAG GCCGUUAGGC CGAA AGCAAUAG 15427 946 UAUUGCUU U UGGUGGCC 120 GGCCACCA CUGAUGAG GCCGUUAGGC CGAA AAGCAAUA 15428 947 AUUGCUUU U GGUGGCCC 121 GGGCCACC CUGAUGAG GCCGUUAGGC CGAA AAAGCAAU 15429				Table III	
459 GCCAGGUI A GARGEAGU 51 ACUCCUC CUANIFAG GCCULIDAGE CORA ACCUCUC 15166	450	GGCCUGAU C GCCAGCGU	60	ACGCUGGC CUGAUGAG GCCGUUAGGC CGAA AUCAGGCC	15368
469 GARCAGUI VI ACCUCUCU 62 GARAGGGU CUGANGAG GCCGUUNGGC CGAN ACUGCUC 15370	459	GCCAGCGU A GGAGCAGU	61		
GAGCARGU A CCCUCUCU	468	GGAGCAGU U ACCCUCUC	62		
476	469	GAGCAGUU A CCCUCUCU	63		
478 CCCUDICT A ACCURCA 55 GGAAGUIA CUGAURAG GCCUTURAGE CURA AGAGGUA 15374 478 CCCUDICT A CUCURCA 56 UJGGARD (CUGAURAG GCCUTURAGE) CORA AGAGGUA 15374 483 UCUTACUTU CCAAGGGA 67 UJCCCUTUG CUGAURAG GCCUTURAGE CGAA AGAGGUA 15375 483 UCUTACUTU CCAAGGGA 69 UJCCCUTUG CUGAURAG GCCUTURAGE CGAA AGAGURAG 15376 15377 AURACGGU A AGAGUCAC 59 GUAGCAU CUGAURAG GCCUTURAGE CGAA ACCUTURAG 15377 1514 URAAUGCUA CUGACGGA CUGAURAG GCCUTURAGE CGAA ACCUTURAG 15377 1514 URAAUGCUA CUGACGGA CUGAURAG GCCUTURAGE CGAA ACCUTURAG 15377 1514 URAAUGCUA CUGACGGA CUGAURAG GCCUTURAGE CGAA ACCUTURAG 15377 1514 CUGAURAG GCCUTURAGE CGAA ACCUTURAG 15377 1514 CUGAURAG GCCUTURAGE GCCUTURAGE GGAA ACCUTURAG 15377 15371 CACUTURAG CUGAURAG GCCUTURAGE GGAA ACCUTURAG 15377 15371 CACUTURAG CUGAURAG GCCUTURAGE GAA AUGCCUTURAGE GCCUTURAGE GCAA AUGCCUTURAGE GCCUTURAGE GCCUTURAGE GCCUTURAGE GCCUTURAGE GCCUTURAGE GCCUTURAGE GCCUTURAGE GCAA AUGCCUTURAGE GCCUTURAGE GCCUTURAGE GCCUTURAGE GCCUTURAGE GCCUTURAGE GCAA AUGCCUTURAGE GCCUTURAGE GCCUTURAGE GCAA AUGCCUTURAGE GCCUTURAGE GCAA AUGCCUTURAGE GCCUTURAGE GCAA AUGCCUT	474	GUUACCCU C UCUAACUU	64		
478	476	UACCCUCU C UAACUUCC	65		
483	478	CCCUCUCU A ACUUCCAA	66		
463					
512 AUGAGED CACADRED 79 GACRICAG CIGANAGAG GCCGULAGGC COAA ACCULUUM 15379					
531 ACAGAIRU C AUCAGARU					
541					
551					
					——
570					
573					
610 AUGAINGAU A CUAUCACU 80 AGUGAUAG CUGAUGAG CCGUUAGGC CGAA AUCAUCGC 15386 610 AUGAINACU A UCACUUDUU 81 AUDAAGUGA CUGAUGAG GCCGUUAGGC CGAA AGUAUCAU 15380 612 GAUCUAU C ACUUAUGA 82 CUCAUAGAG CUGAUGAG GCCGUUAGGC CGAA AGUAUCAU 15380 613 CAUCUAU C ACUUAUGA 82 CACUUCAU CUGAUGAG GCCGUUAGGC CGAA AGUAUCAU 15390 614 UAUCACUU A JUGAAUGCC 84 GGAUUCA CUGAUGAG GCCGUUAGGC CGAA AGUGAUCA 15390 615 AGUGCUGU C GGCUGGUA 85 UACCAGCC CUGAUGAG GCCGUUAGGC CGAA ACUGAUCA 15391 615 AGUGCUGU C GGCUGGUA 85 UACCAGCC CUGAUGAG GCCGUUAGGC CGAA ACCAGCCU 15393 616 CQCACAGUU C GGCUGGUA 85 UACCAGCC CUGAUGAG GCCGUUAGGC CGAA ACCAGCCU 15393 617 UACCACUU A GGUCACGC 87 GUCUCUCU CUGAUGAG GCCGUUAGGC CGAA ACCAGCCU 15395 618 GUAAUGAU C CAGAAGAC 87 GUCUUCUG CUGAUGAG GCCGUUAGGC CGAA ACCAGCCU 15395 619 GUAAUGAU C CAGAAGAC 89 UGUGCACC CUGAUGAG GCCGUUAGGC CGAA AUCACUUC 15395 617 UCCACCUG U GGUCCAC 89 UGUGCACC CUGAUGAG GCCGUUAGGC CGAA AUCACUUC 15395 618 CACAAGU C ACCUGUU 90 AGACUGCU CUGAUGAG GCCGUUAGGC CGAA ACCUUCUG 15396 619 CACAAAGU C ACCUGUU 91 CUGACGUA CUGAUGAG GCCGUUAGGC CGAA ACCUUCUG 15396 619 AGCAGUCU A GGUCAGGU 92 ACCUGCU CUGAUGAG GCCGUUAGGC CGAA ACCUUCUG 15396 619 AGCAGUCU A GGUCAGG 92 CACUGAGC CUGAUGAG CCGAA ACCUUCUG 15396 619 AGCAGUCU A GGUCAGG 92 CACUGAGC CUGAUGAG CCGAA ACCUUCUG 15396 619 AGCAGUCU A GGUCAGG 92 CACUGAGC CUGAUGAG CCGAA ACCUUCUG 15396 619 AGCACACA CUGACG 92 CACUGAGC CUGAUGAG CCGAA ACCUCCCC CGAA CCUCCCC CUGAUGAG CCGAA ACCUCCCC CGAA ACCUCCCC CGAACCCCC CAACCCCC CAACCCCC ACCACCCC CAACCCCC CAACCCCCC					
610 AUGAURCU A UCACUUNU 81 AUAAGUGA CUGAUGAG GCCUUNGGC CGAA AGUAUCAU 15389 612 GADACUAU C ACUUAUGA 82 UCADAAGU CUGAUGAG GCCGUUNGGC CGAA ADUAGUAU 15390 613 CUAUCACU U AUGAAUGCC 84 GGCAUUCAU CUGAUGAG GCCGUUNGGC CGAA ADUAGUAU 15391 617 UAUCACUU A UGAAUGCC 85 UACCAGC CUGAUGAG GCCGUUNGGC CGAA ACUGAUGA 15391 618 CUAUCACU A UGAAUGCC 86 GGCAUGUA CUGAUGAG GCCGUUNGGC CGAA ACUGAUGA 15391 619 CUAUCACU A UGAAUGCC 86 UACCAGC CUGAUGAG GCCGUUNGGC CGAA ACUGAUGA 15392 619 GUANGGAU C CAGAAGAC 87 GUCUUCUG CUGAUGAG GCCGUUNGGC CGAA ACCAGCCC 15394 619 GUANGGAU C CAGAAGAC 87 GUCUUCUG CUGAUGAG GCCGUUNGGC CGAA ACCAGCCG 15394 660 GAAGACAU C CACUGAUGA 88 UACCAGCC CUGAUGAG GCCGUUNGGC CGAA ACCAGCCG 15394 667 UCAGCUGU U GGUCACA 89 UGUGCACC CUGAUGAG GCCGUUNGGC CGAA ACCAGCCG 15394 667 UCAGCAGU C VACCACCA 89 UGUGCACC CUGAUGAG GCCGUUNGGC CGAA ACCGCCGA 15395 667 UCAGCCUGU C VACCACCA 89 UGUGCACC CUGAUGAG GCCGUUNGGC CGAA ACCGCCGA 15396 667 UCAGCCGU C VACCACCA 99 UCUGACCC CUGAUGAG GCCGUUNGGC CGAA ACCGCCGA 15396 669 AGCCAGCCU C VACCACCA 99 CUGACCC CUGAUGAG GCCGUUNGGC CGAA ACCGCCCA 15396 669 AGCCAGCCU C VACCACCA 99 CUGAUGAG GCCGUUNGGC CGAA ACCGCCCA 15400 699 AGCCAGCCU C AGCGACCC 99 CUGAUCACC CUGAUGAG GCCGUUNGGC CGAA ACCGCCCA 15400 699 CGCUCACGC CAGCACCC CUGAUCACC CUGAUGAG GCCGUUNGGC CGAA ACCGCCCA 15400 699 CGUCACGC C AGCGACCA 99 UGCCCCC CUGAUGAG GCCGUUNGGC CGAA ACCGCCCA 15400 699 CGUCACGC C GAGACCCA 99 UGCCCCC CUGAUGAG GCCGUUNGGC CGAA ACCGCCAC 15400 690 CGUCACGC C GAGACCCA 99 UCUCACCC CUGAUGAG GCCGUUNGGC CGAA ACCGCCAC 15400 7725 ACCCCACU C AAGACCCA 99 UUCUCCC CUGAUGAG GCCGUUNGGC CGAA ACCGCCC CGAA ACCGCCA 15400 7736 GACCCACU C AGACCCA 99 CUGACCCC CUGAUGAG GCCGUUNGGC CGAA ACCGCCCA 15400 7743 UCCGGAGGU C CUGACCA 99 CUGACCCC CUGAUGAG GCCGUUNGGC CGAA ACCGCCCC CGAA ACCCCCC CGAA ACCCCCC CGAACCC CGAA ACCCCCC CGAACCCC CGAACCCCC CGAACCCCC CGAACCCC CGAACCCC CGAACCCC CGAACCCC CGAACCCCC CGAACCCCC					
612 GAUACUAU C ACUUAUGA 82 UCAUAAGU CUGAUGAG GCCGUUAGGC CGAA AUAGUAUC 15390 616 CUAUCACU U AUGAAUGC 83 GCAUUCAU CUGAUGAG GCCGUUAGGC CGAA AGUGAUAG 15391 617 UAUCACUU A UGAAUGCC 84 GGCAUUCA CUGAUGAG GCCGUUAGGC CGAA AGUGAUGA 15392 635 AGUGCUGU C GGCUGGUA 85 UACCAGCC CUGAUGAG GCCGUUAGGC CGAA AGUGAUCA 15393 643 CGGCUGU A AUGAUCCA 86 UGGAUCAC CUGAUGAG GCCGUUAGGC CGAA ACCAGCCU 15393 643 CGGCUGU A AUGAUCCA 86 UGGAUCAC CUGAUGAG GCCGUUAGGC CGAA ACCAGCCG 15393 649 GUAAUGAU C CAGAAGAC 87 GUCUUCUG CUGAUGAG GCCGUUAGGC CGAA ACCAGCCG 15395 660 GAAGACAU C GACUGUUG 88 CAACAGUC CUGAUGAG GCCGUUAGGC CGAA AUCAUAC 15395 667 UCCACCUG U GGUCCACA 89 UGUCACCC CUGAUGAG GCCGUUAGGC CGAA ACCAGCCG 15396 667 UCCACCUG U GGUCCACA 89 UGUCACCC CUGAUGAG GCCGUUAGGC CGAA ACCUUCUG 15396 6680 CACANAGU C AGCAGUCU 90 AGACUGCU CUGAUGAG GCCGUUAGGC CGAA ACCUUCUG 15396 6697 UCCACCGGU C AGCUAUGAG 91 CUGACGAG GCCGUUAGGC CGAA ACCUUCUG 15396 6698 AGCAGUCU C AGCUAUGAG 91 CUGACGAG GCCGUUAGGC CGAA ACCUUCUG 15396 6699 AGCAGUCU C AGCUAUGG 92 CCCUACCG CUGAUGAG GCCGUUAGGC CGAA ACCUUCUG 15400 6690 CGUCAGGU C AGGUAUGG 93 CCCUACCC CUGAUGAG GCCGUUAGGC CGAA ACCUUCUG 15400 6691 GUCCACGU C AGGAAGAU 94 AUCUUCCC CUGAUGAG GCCGUUAGGC CGAA ACCUCCGAC 15401 6698 CGUCAGGU C CAGACACA 95 UGCCUCCC CUGAUGAG GCCGUUAGGC CGAA ACCUCCGAC 15401 6725 ACGCCACU C AAGACGCA 95 UGCCUCCC CUGAUGAG GCCGUUAGGC CGAA ACCUCCGAC 15401 6736 GACCCACU C AAGACGCA 95 UGCCUCCC CUGAUGAG GCCGUUAGGC CGAA ACCUCCGAC 15402 7736 ACGCCACU C AGGCAACA 99 UUGUCCCC CUGAUGAG GCCGUUAGGC CGAA ACCUCCGAC 15403 7743 UCCGAGGGU C ACUGACAG 97 CUGUCAGG CUGAUGAG GCCGUUAGGC CGAA ACCUCCAC 15403 6743 UCCGAGGU C ACUGACAG 97 CUGUCAGG CUGAUGAG GCCGUUAGGC CGAA ACCUCCGC 15403 6744 CUCCACGC UAGCGAACA 99 UUGUCCCC CUGAUGAG GCCGUUAGGC CGAA ACCUCCAC 15403 6757 AAAGCACU C UAGCGAAC 98 GUUCCACC CUGAUGAG GCCGUUAGGC CGAA ACCUCCAC 15403 6758 GACCCACU C GAGAGACA 101 UUCCACAA CUGAUGAG GCCGUUAGGC CGAA ACCUCCAC 15403 6759 AAACCACU C UAGCGAAC 101 UUCCACA CUGAUGAG GCCGUUAGGC CGAA ACCACAC 15403 6777 AGCACUU U GGUAGAAC 101 UUCCACA CUGAUGAG GCCGUUAGGC CGAA ACCACA					
616 CUAUCACU U AUGAAUGC 83 GCAUUCAU CUGAUGAG GCCGUUAGGC CGAA AGUGAUAG 15391 617 UAUCACUU A UGAAUGCC 84 GGCAUUCA CUGAUGAG GCCGUUAGGC CGAA AGUGAUAG 15393 618 AGUGCUGU C GGCUGGUA 85 UACCAGCC CUGAUGAG GCCGUUAGGC CGAA ACCAGCCU 15393 619 CAGACAGU C GGCUGGUA 85 UACCAGCC CUGAUGAG GCCGUUAGGC CGAA ACCAGCCG 15394 619 GUAAUGAU C CAGAAGAC 87 GUCUUCUG CUGAUGAG GCCGUUAGGC CGAA ACCAGCCG 15394 619 GUAAUGAU C CAGAAGAC 87 GUCUUCUG CUGAUGAG GCCGUUAGGC CGAA ACCAGCCG 15394 619 GUAAUGAU C CAGAAGAC 87 GUCUUCUG CUGAUGAG GCCGUUAGGC CGAA AUGUCUGC 15396 610 GAAGACAU C GACUGUUG 88 CACAGUC CUGAUGAG GCCGUUAGGC CGAA AUGUCUGC 15396 611 CUGACUGU U GGUGCACA 89 UGUGCACC CUGAUGAG GCCGUUAGGC CGAA AUGUCUGC 15396 612 CUCACUGU U GGUGCACA 89 UGUGCACC CUGAUGAG GCCGUUAGGC CGAA ACCAGUCGA 15397 613 CUCACGUC C AGCAGUCU 90 AGACUGCU CUGAUGAG GCCGUUAGGC CGAA ACCAGUCGA 15397 614 CUCACGUC C AGCAGUCU 90 AGACUGCU CUGAUGAG GCCGUUAGGC CGAA ACCUCUGA 15399 615 UCAGCUG C VACGUCAG 91 CUGAUGAG GCCGUUAGGC CGAA ACCUCUGA 15399 618 AGCAGUCU A CGUCAGGU 92 ACCUGACG CUGAUGAG GCCGUUAGGC CGAA ACCUCUGA 15401 619 CGUCACGU C AGGUAUGAG 93 CCCUACCG CUGAUGAG GCCGUUAGGC CGAA ACCUCGCU 15406 629 CGUCACGU C AGGUAUGAG 93 CCCUACCG CUGAUGAG GCCGUUAGGC CGAA ACCUGCUG 15406 630 CGUCAGGU C AGGUAUGAG 95 UGCGUCUU CUGAUGAG GCCGUUAGGC CGAA ACCUGGCG 15402 631 CGUCAGGU C AGGAGCA 95 UGCGUCUU CUGAUGAG GCCGUUAGGC CGAA ACCUGCGC 15402 632 CGUCAGGU C AGGAGCA 95 UGCGUCUU CUGAUGAG GCCGUUAGGC CGAA ACCUGCGC 15402 725 ACGCCACU C AAGACGCA 95 UGCGUCUU CUGAUGAG GCCGUUAGGC CGAA ACCUCCGA 15405 726 ACGCCACU C AAGACGCA 96 UGACCUCC CUGAUGAG GCCGUUAGGC CGAA ACCUCCGA 15405 727 AAGCCCAU C GAGGUCA 96 UGACCUCC CUGAUGAG GCCGUUAGGC CGAA ACCUCCGA 15405 728 AAGCCAGU C UGACGAG 97 CUGUCAGU CUGAUGAG GCCGUUAGGC CGAA ACCUCCGA 15405 729 AAGCCAUU UGGUAAAA 101 UUUGUACC CUGAUGAG GCCGUUAGGC CGAA ACCUCCGA 15406 729 AAGCAGAU U UGGUAAAA 102 UUUGACCA CUGAUGAG GCCGUUAGGC CGAA ACCUCCGA 15406 720 AAGCACGU C GAGAGCA 110 UUCACCA CUGAUGAG GCCGUUAGGC CGAA ACCUCCGA 15406 720 AAGCACGA C UGAUGAG C CUGAUGAG GCCGUUAGGC CGAA ACCCACCA 15406 720 AAGCACGU U U			81	AUAAGUGA CUGAUGAG GCCGUUAGGC CGAA AGUAUCAU	15389
617		GAUACUAU C ACUUAUGA	82	UCAUAAGU CUGAUGAG GCCGUUAGGC CGAA AUAGUAUC	15390
635 AQUGCUQU C GGCUGGUA 85 UACCAGCC CUGAUGAG GCCGUUAGGC CGAA ACAGCACCU 15393 643 CGGCUGGU A AUGAUCCA 86 UGGAUCAU CUGAUGAG GCCGUUAGGC CGAA ACCAGCCG 15394 649 GUANUGAU C CAGAAGAC 87 GUCUUCUG CUGAUGAG GCCGUUAGGC CGAA AUCAUCUC 15396 660 GAAGACU C GACUGUUG 88 CAACAGUC CUGAUGAG GCCGUUAGGC CGAA AUGUCUUC 15396 667 UCGACUGU U GGUCACA 89 UGUCACC CUGAUGAG GCCGUUAGGC CGAA AUGUCUUC 15396 6680 CACAAAGU C AGCAGUCU 90 AGACUGCU CUGAUGAG GCCGUUAGGC CGAA ACGUCGA 15397 6680 CACAAAGU C AGCAGUCU 91 AGACUGCU CUGAUGAG GCCGUUAGGC CGAA ACGUCGA 15397 6681 CACAAAGU C UACGUCAG 91 CUGACGG CUGAUGAG GCCGUUAGGC CGAA ACGUCGA 15399 6682 CACAAAGU C UACGUCAG 91 CUGACGGA CUGAUGAG GCCGUUAGGC CGAA ACGUCGA 15399 6683 AGCAGUCU A CGUCAGGU 92 ACCUGACG CUGAUGAG GCCGUUAGGC CGAA ACCUCGA 15399 6684 CUCACGGU C AGGUAUGG 92 ACCUGACG CUGAUGAG GCCGUUAGGC CGAA ACCUCGA 15400 6695 AGCAGCCU C AGGUAUGG 93 CCCAUCACC CUGAUGAG GCCGUUAGGC CGAA ACCUGACG 15400 6698 CGUCACGU C AGGUAUGG 93 CCCAUCACC CUGAUGAG GCCGUUAGGC CGAA ACCUGACG 15402 725 ACGCCACU C AGACAGCA 95 UGCGUCCU CUGAUGAG GCCGUUAGGC CGAA ACCUGACG 15402 725 ACGCCACU C AGACAGCA 95 UGCGUCCU CUGAUGAG GCCGUUAGGC CGAA ACCUGACG 15402 726 ACCCACCU C AGACAGCA 97 CUGCUCAGU CUGAUGAG GCCGUUAGGC CGAA ACCUGACG 15402 727 AAGCCACU C UAGCCGAC 95 UGCGUCCU CUGAUGAG GCCGUUAGGC CGAA ACCUGCGC 15404 728 UCGGAGGU C ACUGACAG 97 CUGCUCAGU CUGAUGAG GCCGUUAGGC CGAA ACCUCGC 15404 729 ACCCACCU C AGCCGAAC 99 UUGUCCAC CUGAUGAG GCCGUUAGGC CGAA ACCUCGC 15404 729 AAGCACU C UAGCGAAC 99 UUGUCCAC CUGAUGAG GCCGUUAGGC CGAA ACCUCGC 15404 729 AGGGAGU U GGAGGAC 100 GUCCACC CUGAUGAG GCCGUUAGGC CGAA ACCUCGC 15405 727 AAGCACU C UAGCGAAC 99 UUGUCCAC CUGAUGAG GCCGUUAGGC CGAA ACCUCGC 15405 728 AAGGCACU A GUGACGAA 100 GUCCACC CUGAUGAG GCCGUUAGGC CGAA ACCUCGC 15405 729 AGGGAGCU U GGAGACA 100 GUCCACC CUGAUGAG GCCGUUAGGC CGAA ACCUCCG 15405 729 AGGGAGCU U GGAGACA 100 GUCCACC CUGAUGAG GCCGUUAGGC CGAA ACCUCCA 15415 729 AGGGAGCU U GAGAGAC 100 GAGACCCC CUGAUGAG GCCGUUAGGC CGAA ACCACAC 15416 729 AGGGAGCU U GAGAGAC 100 GCCGUUAGGC CGAA ACCACCC 15416 729 AGUGUGUU U GAGGACAC 1	616		83	GCAUUCAU CUGAUGAG GCCGUUAGGC CGAA AGUGAUAG	15391
643 CGGCUGGU A AUGAUCCA 86 UGGAUCAU CUGAUGAG GCGUUAGGC CGAA ACCAGCCG 15394 649 GURAUGAU C CAGAAGAC 87 GUCUUCUG CUGAUGAG GCGUUAGGC CGAA AUGAUUAC 15395 660 GAAGACAU C GACUGUUG 88 CACCAGUC CUGAUGAG GCCGUUAGGC CGAA AUGUCUUC 15396 667 UCGACUGU U GGUGCACA 89 UGUGCACC CUGAUGAG GCCGUUAGGC CGAA AUGUCUUC 15396 6680 CACAAAGU C AGCAGUCU 90 AGACUGCU CUGAUGAG GCCGUUAGGC CGAA ACUUGGU 15396 6890 CACAAAGU C UACGUCAG 91 CUGACGGA CUGAUGAG GCCGUUAGGC CGAA ACUUGUG 15398 6891 AGCAGUU A CGUCAGGU 92 ACCUGACG CUGAUGAG GCCGUUAGGC CGAA ACUUGUG 15398 6892 AGCAGUCU A CGUCAGGU 92 ACCUGACG CUGAUGAG GCCGUUAGGC CGAA ACUUGUG 15398 6983 GUCUACGU C AGGUAUGA 91 CCACAACCU CUGAUGAG GCCGUUAGGC CGAA ACUUGCU 15406 6984 CGUCAGGAU A UGACAGAU 94 AUCUUCCA CUGAUGAG GCCGUUAGGC CGAA ACUUGACG 15401 6985 CGUCAGGU A UGACAGAU 94 AUCUUCCA CUGAUGAG GCCGUUAGGC CGAA ACCUGACC 15402 725 ACGCCACU C AAGACGCA 95 UGACCCU CUGAUGAG GCCGUUAGGC CGAA ACCUGACC 15402 726 ACCCCACU C AAGACGCA 95 UGACCCU CUGAUGAG GCCGUUAGGC CGAA ACCUGACC 15402 727 ACGCCACU C CAGGACACA 96 UGACCCUC CUGAUGAG GCCGUUAGGC CGAA ACCUCACC 15404 728 UCGGAGGU C ACUGACAG 97 CUGUCAGU CUGAUGAG GCCGUUAGGC CGAA ACCUCCGA 15405 729 AAGCCACU C UAGCGAAC 98 GUUCGCUAC CUGAUGAG GCCGUUAGGC CGAA ACCUCCGA 15405 729 AAGCCACU C UAGCGAAC 98 GUUCGCUAC CUGAUGAG GCCGUUAGGC CGAA ACCUCCGA 15405 727 AAGCACUCU A GCGAACAA 99 UUGUUCGC CUGAUGAG GCCGUUAGGC CGAA ACCUCCGA 15405 727 AAGCACUCU A GCGAACAA 99 UUGUUCGC CUGAUGAG GCCGUUAGGC CGAA ACCUCCGA 15405 728 AAGGAGAU U UGAUGAGA CO GUCAUCAC CUGAUGAG GCCGUUAGGC CGAA ACCUCCGA 15406 729 AAGGAGCU C UGAUGAGA CO GUCAUCAC CUGAUGAG GCCGUUAGGC CGAA ACCUCCGA 15406 729 AAGGAGCU U GGAUGAGA 100 GUCCAUCC CUGAUGAG GCCGUUAGGC CGAA ACCUCCGA 15406 720 AAGGAGCU U GGAUGACA 100 GUCCAUCC CUGAUGAG GCCGUUAGGC CGAA ACCUCCGA 15406 721 AAGGAGCU U GGAUGACA 101 UUGCCUC CUGAUGAG GCCGUUAGGC CGAA ACCUCCU 15406 722 AAGGUAUU U GGUAAAA 102 UUUACCAA CUGAUGAG GCCGUUAGGC CGAA ACCUCGCU 15406 723 CUCAUGAGU U AAAACAGA 104 UCCUCUC CUGAUGAG GCCGUUAGGC CGAA ACCCCCU 15406 724 AACGAGCAU U GGUACACA 104 UCCUCC CUGAUGAG GCCGUUAGGC CGAA ACCC	617	UAUCACUU A UGAAUGCC	84	GGCAUUCA CUGAUGAG GCCGUUAGGC CGAA AAGUGAUA	15392
649 GUANGAU C CAGAAGAC 87 GUCUUCUG CUGAUGAG GCCGUUAGGC CGAA AUCAUUAC 15395 660 GAAGACAU C GACUGUUG 88 CAACAGUC CUGAUGAG GCCGUUAGGC CGAA AUGUCUUC 15396 667 UCGACUGU U GGUGCACA 89 UGUGGACC CUGAUGAG GCCGUUAGGC CGAA ACGUCUU 15396 680 CACAAAGU C AGCAGUCU 90 AGACUGCU CUGAUGAG GCCGUUAGGC CGAA ACAGUCUG 15397 687 UCAGCAGU C UACCGUCAG 91 CUGACGUA CUGAUGAG GCCGUUAGGC CGAA ACACUUGUG 15398 687 UCAGCAGU A CGUCAGGU 92 ACCUGACG CUGAUGAG GCCGUUAGGC CGAA ACACUUGUG 15398 689 AGCAGUCU A CGUCAGGU 92 ACCUGACG CUGAUGAG GCCGUUAGGC CGAA ACCUGCU 1400 693 GUCUACGU C AGGUAUGG 93 CCAUACCU CUGAUGAG GCCGUUAGGC CGAA ACGUCGU 1400 694 CGUCAGGU C AGGACAGU 94 AUCUUCCA CUGAUGAG GCCGUUAGGC CGAA ACGUCGCU 15401 725 ACGCCACU C AAGACGCA 95 UGCAGCUU CUGAUGAG GCCGUUAGGC CGAA ACGUCACC 15402 736 GACGCAGU C AAGACGA 95 UGCACUCU CUGAUGAG GCCGUUAGGC CGAA ACGUCACC 15402 737 UCCGGAGGU C GAGAGGU 96 UGACCUCC CUGAUGAG GCCGUUAGGC CGAA ACGUCACC 15402 738 GACGCACU C UAGCCGAC 97 CUGUCAGU CUGAUGAG GCCGUUAGGC CGAA ACGUCACC 15402 739 UCCGGAGGU C GAGAGCUA 96 UGACCUC CUGAUGAG GCCGUUAGGC CGAA ACGUCACC 15402 730 AAAGCACU C UAGCCGAAC 98 UGUCACCU CUGAUGAG GCCGUUAGGC CGAA ACGUCACC 15402 731 UCCGGAGGU A GCCGAACA 99 UUGGUCCC CUGAUGAG GCCGUUAGGC CGAA ACGUCACC 15402 732 AAAGCACU C UAGCCGAAC 98 UUCGCUC CUGAUGAG GCCGUUAGGC CGAA ACGUCCUC 15406 733 ACGCCCCU C UAGCCGAAC 98 UUCGCUC CUGAUGAG GCCGUUAGGC CGAA ACCUCCCC 15406 744 UCCGAGGU A UUCGGUAACA 100 GUCCACC CUGAUGAG GCCGUUAGGC CGAA ACCUCCCC 15406 755 AGGGGGCU U GGAUGAAC 100 GUCCACC CUGAUGAG GCCGUUAGGC CGAA ACCUCCCC 15406 756 AGGGGGCU U GGAUGAAC 100 GUCCACC CUGAUGAG GCCGUUAGGC CGAA ACCCCCCU 15406 824 CACAAGGU A UUCGGUAA 101 UUACCAAA CUGAUGAG GCCGUUAGGC CGAA ACCCCCU 15406 825 CAAGGGUAU U UGGUAAAA 102 UUUUACC CUGAUGAG GCCGUUAGGC CGAA ACCCCCU 15406 826 CAAGGGUAU U UGGUAAAA 102 UUUUACC CUGAUGAG GCCGUUAGGC CGAA ACCCACCU 15418 827 AAGGAAU C AUGGAUCU 105 AGACCAC CUGAUGAG GCCGUUAGGC CGAA ACCACAU 15412 828 UCAUUGGU A AAAACAC CUGAUGAG GCCGUUAGGC CGAA ACCACAU 15413 849 UCAUGGAU C AUGGGCU AUGGAG CUGAUGAG GCCGUUAGGC CGAA ACCACAC 15418 885 GCCGUCAU U G	635	AGUGCUGU C GGCUGGUA	85	UACCAGCC CUGAUGAG GCCGUUAGGC CGAA ACAGCACU	15393
660 GAAGACAU C GACUGUUG 88 CACAGGUC CUGAUGAG GCCGUUAGGC CGAA AUGUCUUC 15396 667 UCGACUGU U GGUGCACA 89 UGUGCACC CUGAUGAG GCCGUUAGGC CGAA ACGUCGA 15397 680 CACAAAGU C AGCAGGUU 90 AGACUGCU CUGAUGAG GCCGUUAGGC CGAA ACUGUUGA 15398 687 UCAGCAGU C VACGUCAG 91 CUGACGUA CUGAUGAG GCCGUUAGGC CGAA ACUGUUGA 15398 688 ACCAGUCU A CGUCAGGU 92 ACCUGACGU CUGAUGAG GCCGUUAGGC CGAA ACUGCUGA 15399 689 AGCAGUCU A CGUCAGGU 92 ACCUGACGU CUGAUGAG GCCGUUAGGC CGAA ACUGCUGA 15399 693 GUCUACGU C AGGUAUGG 93 CCAUACCU CUGAUGAG GCCGUUAGGC CGAA ACGUGCU 15400 694 CGUCAGGU A UGGAAGAU 94 AUCUUCCA CUGAUGAG GCCGUUAGGC CGAA ACGUGCU 15400 695 CGUCAGGU A UGGAAGAU 94 AUCUUCCA CUGAUGAG GCCGUUAGGC CGAA ACGUGCU 15402 725 ACGCCACU C AAGACGCA 95 UGCGUCU CUGAUGAG GCCGUUAGGC CGAA ACGUGCU 15402 736 GACGACGU C GGAGGUCA 95 UGCGUCU CUGAUGAG GCCGUUAGGC CGAA ACGUGCU 15403 736 GACGACGU C GGAGGUCA 95 UGCGUCU CUGAUGAG GCCGUUAGGC CGAA ACCUCACG 15402 743 UCGGAGGU C ACUGACAG 97 CUUGUCGU CUGAUGAG GCCGUUAGGC CGAA ACCUCCCGA 15405 775 AAAGCACU C UAGCGAAC 98 GUUCGCUA CUGAUGAG GCCGUUAGGC CGAA ACCUCCGA 15405 776 AGGACCUC C UAGCGAACA 99 UUGUCGCC CUGAUGAG GCCGUUAGGC CGAA ACGUCCUU 15406 824 CACAAGGU A UUUGGUAA 101 UUACCAAA CUGAUGAG GCCGUUAGGC CGAA ACGUCCUU 15406 824 CACAAGGU A UUUGGUAA 101 UUACCAAA CUGAUGAG GCCGUUAGGC CGAA ACGUCCUU 15408 826 CAAGGUAU U UGGUAAAA 102 UUUUACCA CUGAUGAG GCCGUUAGGC CGAA ACCUCGU 15408 827 AAGGUAUU U GGUAAAAA 103 UUUUACCA CUGAUGAG GCCGUUAGGC CGAA ACCUCGU 15408 828 CACAAGGUAU U UGGUAAAA 102 UUUUACCA CUGAUGAG GCCGUUAGGC CGAA AUACCUU 15411 831 UAUUUGGU A AAAACAGA 104 UCUGGUUU CUGAUGAG GCCGUUAGGC CGAA AUACCUU 15412 842 AACAAGAU C AUGGAACA 104 UCUGGUUU CUGAUGAG GCCGUUAGGC CGAA AUACCUU 15412 842 AACAGAUU U GGUAAAA 103 UUUUACCA CUGAUGAG GCCGUUAGGC CGAA AUACCUU 15412 842 AACAGAUU U GAGAACC 105 GAGACC CUGAUGAG GCCGUUAGGC CGAA AUACCUU 15412 844 AACAGAUU U GAGAACC 105 GAGACC CUGAUGAG GCCGUUAGGC CGAA AUACCUU 15412 849 UCAUGGUU U GAGAGACC 106 CGAGGGC CGGAGGCGCGCGGCGCGCGCGCGGCGCGCGC	643	CGGCUGGU A AUGAUCCA	86	UGGAUCAU CUGAUGAG GCCGUUAGGC CGAA ACCAGCCG	15394
	649	GUAAUGAU C CAGAAGAC	87	GUCUUCUG CUGAUGAG GCCGUUAGGC CGAA AUCAUUAC	15395
680 CACANAGU C AGCAGUCU 90 AGACUGCU CUGAUGAG GCCGUUAGGC CGAA ACUUUGUG 15398 687 UCAGCAGU C UACGUCAG 91 CUGACGUA CUGAUGAG GCCGUUAGGC CGAA ACUUCUGA 15399 689 AGCAGUCU A CGUCAGGU 92 ACCUGACGC CUGAUGAG GCCGUUAGGC CGAA AGCUGCU 15400 693 GUCUACGU C AGGUAUGG 93 CCAUACCU CUGAUGAG GCCGUUAGGC CGAA AGCUGCU 15400 698 CGUCAGGU A UGGAAGAU 94 AUCUUCCA CUGAUGAG GCCGUUAGGC CGAA AGCUGACG 15401 725 ACGCCACU C AAGACGCA 95 UGGACCCU CUGAUGAG GCCGUUAGGC CGAA ACCUGACG 15402 736 GACGCAGU C GGAAGGCA 95 UGGCCUC CUGAUGAG GCCGUUAGGC CGAA ACCUGACG 15402 736 GACGCAGU C GGAAGGCA 96 UGGCCUC CUGAUGAG GCCGUUAGGC CGAA ACCUGACG 15402 737 AGACCACU C UAGCGAA 99 UGGUCCU CUGAUGAG GCCGUUAGGC CGAA ACCUCACG 15402 738 GACGCACU C UAGCGAA 99 UUGUCCA CUGAUGAG GCCGUUAGGC CGAA ACCUCCGA 15405 739 AAGCACUC UAGCGAA 99 UUGUCCA CUGAUGAG GCCGUUAGGC CGAA ACCUCCGA 15405 730 AAGCACUC AGCGAA 99 UUGUCCA CUGAUGAG GCCGUUAGGC CGAA ACCUCCGA 15405 730 AAGCACUC AGCGAA 99 UUGUCCAC CUGAUGAG GCCGUUAGGC CGAA ACCUCCGA 15405 737 AGCACCUC A GCGAACA 99 UUGUCCAC CUGAUGAG GCCGUUAGGC CGAA AGGCCCCU 15408 824 CACAAGGU A UUUGGUAA 101 UUACCAAA CUGAUGAG GCCGUUAGGC CGAA AGGCCCCU 15408 824 CACAGGUAU U UGGUAAAA 102 UUUUACCC CUGAUGAG GCCGUUAGGC CGAA AGACCUCGU 15408 826 CAAGGUAU U UGGUAAAA 102 UUUUACCC CUGAUGAG GCCGUUAGGC CGAA AUACCUUG 15410 827 AAGGUAUU U GGUAAAA 102 UUUUACCC CUGAUGAG GCCGUUAGGC CGAA AUACCUUG 15410 827 AAGGUAUU U GGUAAAA 102 UUUUACCC CUGAUGAG GCCGUUAGGC CGAA AUACCUUG 15411 831 UAUUUGGU A AAAACAGA 104 UCUGUUCU CUGAUGAG GCCGUUAGGC CGAA AUACCUUG 15411 842 AACAGAAU C AUGAGACC 107 GGUCCCC CUGAUGAG GCCGUUAGGC CGAA AUACCUUG 15411 843 UAUUGGU A AAAACAGA 104 UCUGUCAA CUGAUGAG GCCGUUAGGC CGAA AUACCAUG 15512 842 AACAGAGAU C AUGAGGA C CUGAUGAG GCCGUUAGGC CGAA AUACCAUG 15512 843 AACAGAGAU C AUGAGGA C UGAUGAG GCCGUUAGGC CGAA AUACCAUG 15512 844 AACAGAGU U GAGGAACC 107 GGUCCC CUGAUGAG GCCGUUAGGC CGAA AUACCAUG 15512 845 AACAGAGU U GAGGACC 107 GGUCCC CUGAUGAG GCCGUUAGGC CGAA AUACCAUG 15512 846 ACCAGAGU U GAGGACC 107 GGUCCC CUGAUGAG GCCGUUAGGC CGAA AUACCAGG 155146 856 CCCUCAU U GGGAGACC 107 GGUCCCC	660	GAAGACAU C GACUGUUG	88	CAACAGUC CUGAUGAG GCCGUUAGGC CGAA AUGUCUUC	15396
687 UCAGCAGU C UACGUCAG 91 CUGACGUA CUGAUGAG GCCGUUAGGC CGAA ACCUCCOA 15399 689 AGCAGUCU A CGUCAGGU 92 ACCUGACG CUGAUGAG GCCGUUAGGC CGAA ACCUGCUA 15400 693 GUCUACGU C AGGUAUGG 93 ACCUGACG CUGAUGAG GCCGUUAGGC CGAA ACCUGACG 15400 698 CGUCAGGU A UGAAGAGU 94 AUCUUCCA CUGAUGAG GCCGUUAGGC CGAA ACCUGACG 15402 725 ACGCCACU C AAGACGCA 95 UGACUCU CUGAUGAG GCCGUUAGGC CGAA ACCUGACG 15402 736 GACGCACU C AAGACGCA 95 UGACUCU CUGAUGAG GCCGUUAGGC CGAA ACCUGACG 15403 736 GACGCAGU C CAUGACAG 97 CUGACCUC CUGAUGAG GCCGUUAGGC CGAA ACGUCGCA 15403 743 UCGGAGGU C ACUGACAG 97 CUGACGCA CUGAUGAG GCCGUUAGGC CGAA ACGUCCGA 15405 775 AAAGCACU C UAGCGAAC 98 GUUCGCUA CUGAUGAG GCCGUUAGGC CGAA ACGUCCCA 15405 777 AGCACUCU A GCGAACA 99 UUGUCCC CUGAUGAG GCCGUUAGGC CGAA AGGCCCCU 15406 824 CACAAGGU A UUUGGUAA 101 UUACCAAA CUGAUGAG GCCGUUAGGC CGAA AGCCCCCU 15408 824 CACAAGGU A UUUGGUAA 101 UUACCAAA CUGAUGAG GCCGUUAGGC CGAA ACCUCUGG 15409 826 CAAGGUAU U UGGUAAAA 102 UUUUACCA CUGAUGAG GCCGUUAGGC CGAA ACCCCCCU 15408 827 AAGGUAUU U GGUAAAAA 102 UUUUACCA CUGAUGAG GCCGUUAGGC CGAA ACCCUCUG 15409 828 CAAGGUAU U UGGUAAAA 103 UUUUUACCA CUGAUGAG GCCGUUAGGC CGAA ACCCUCU 15410 827 AAGGUAUU U GGUAAAAA 104 UCUUGUUU CUGAUGAG GCCGUUAGGC CGAA ACCCUCU 15410 828 AACAGAAU C AUGGAUCU 105 AGAUCCAU CUGAUGAG GCCGUUAGGC CGAA AUACCUUG 15410 829 UCAUGGAU C UUGAGGAA 104 UCUGUUUU CUGAUGAG GCCGUUAGGC CGAA AUACCUUG 15412 842 AACAGAAU C AUGGAUCU 105 AGAUCCAU CUGAUGAG GCCGUUAGGC CGAA AUACCUU 15413 843 UAUUUGGU A AAAACAGA 104 UCUGUUUU CUGAUGAG GCCGUUAGGC CGAA AUACCUU 15413 844 UCAUGGAU C GUGAGAGC 107 GGUUCCCC CUGAUGAG GCCGUUAGGC CGAA AUACCUU 15413 845 AACAGAAU C AUGGAUCU 105 AGAUCCAU CUGAUGAG GCCGUUAGGC CGAA AUACCUU 15413 846 CCCCUCGAU A GCCCCCCU GAA CCCCCCU GAA AUACCAUGA 15412 847 AACAGAAU C GUGAGGA C CUGAUGAG GCCGUUAGGC CGAA AUACCAUGA 15413 848 GCCGCCUU U GGUGAGC CUGAGGA CUGAUGAG GCCGUUAGGC CGAA AGAUCCAU 15413 849 UCAUGGAU C GAGGACA 112 AUGCCUC CUGAUGAG GCCGUUAGGC CGAA AGACCACU 15416 856 CCCUCGAU A GCCGUUAGGC CUGAAGGA GCCGUUAGGC CGAA AGCACACU 15420 940 UGAUGGU U GGUGAGC 111 AAAGCAC CU	667	UCGACUGU U GGUGCACA	89	UGUGCACC CUGAUGAG GCCGUUAGGC CGAA ACAGUCGA	15397
AGCAGUCU A CGUCAGGU 92 ACCUGACG CUGAUGAG GCGUUAGGC CGAA AGACUGCU 15400	680	CACAAAGU C AGCAGUCU	90	AGACUGCU CUGAUGAG GCCGUUAGGC CGAA ACUUUGUG	15398
G93	687	UCAGCAGU C UACGUCAG	91	CUGACGUA CUGAUGAG GCCGUUAGGC CGAA ACUGCUGA	15399
698 CGUCAGGU A UGGAAGAU 94 AUCUUCCA CUGAUGAG GCCGUUAGGC CGAA ACCUGACG 15402 725 ACGCCACU C AAGACGCA 95 UGCGUCUU CUGAUGAG GCCGUUAGGC CGAA AGUGCGUC 15403 736 GACCCACU C GAGGUCA 96 UGACCUCC CUGAUGAG GCCGUUAGGC CGAA ACCUGCGU 15404 743 UCGGAGGU C ACUGACAG 97 CUGUCAGU CUGAUGAG GCCGUUAGGC CGAA ACCUCCGA 15405 775 AAAGCACU C UAGCGAAC 98 GUUCGCUA CUGAUGAG GCCGUUAGGC CGAA AGUGCUU 15406 777 AGCACUCU A GCGAACAA 99 UUGUUCCC CUGAUGAG GCCGUUAGGC CGAA AGUGCUU 15407 796 AGGGGGU U GGAUGGAC 100 GUCCAUCC CUGAUGAG GCCGUUAGGC CGAA AGCCCCU 15408 824 CACAAGGU A UUUGGUAA 101 UUACCAAA CUGAUGAG GCCGUUAGGC CGAA ACCCCUUGU 15409 826 CAAGGUAU U UGGUAAAA 102 UUUUACCA CUGAUGAG GCCGUUAGGC CGAA AUACCUU 1540 827 AAGGUAUU U GGUAAAAA 104 UCUGUUUU CUGAUGAG GCCGUUAGGC CGAA AUACCUU 1541 842 AACAAAUA C AUGAUCU 105 AGAUCCAU CUGAUGAG GCCGUUAGGC CGAA AUACCUUGU 15413 849 UCAUGGAU C UUGAGGAA 106 UUCCUCAA CUGAUGAG GCCGUUAGGC CGAA AUCCAUGA	689	AGCAGUCU A CGUCAGGU	92	ACCUGACG CUGAUGAG GCCGUUAGGC CGAA AGACUGCU	15400
698 CGUCAGGU A UGGAAGAU 94 AUCUUCCA CUGAUGAG GCCGUUAGGC CGAA ACCUGACG 15402 725 ACGCCACU C AAGACGCA 95 UGCGUCUU CUGAUGAG GCCGUUAGGC CGAA ACCUGCGU 15403 736 GACGCAGU C GGAGGUCA 96 UGACCUCC CUGAUGAG GCCGUUAGGC CGAA ACCUGCGA 15403 743 UCGGAGGU C ACUGACAG 97 CUGUCAGU CUGAUGAG GCCGUUAGGC CGAA ACCUCCGA 15405 775 AAAGCACU C UAGCGAAC 98 GUUCGCUA CUGAUGAG GCCGUUAGGC CGAA AGUGCUUU 15406 777 AGCACUCU A GCGAACAA 99 UUGUUCCC CUGAUGAG GCCGUUAGGC CGAA AGUGCCCCU 15407 796 AGGGGGU U GGAUGGAC 100 GUCCAUCC CUGAUGAG GCCGUUAGGC CGAA AGCCCCCU 15407 824 CACAAGGU A UUUGGUAA 101 UUACCAAA CUGAUGAG GCCGUUAGGC CGAA ACCCCCUUGU 15406 824 CACAGAGUAU U UGGUAAAA 102 UUUUACCA CUGAUGAG GCCGUUAGGC CGAA AUACCUU 15410 827 AAGGUAUU U GGUAAAAA 103 UUUUUACCA CUGAUGAG GCCGUUAGGC CGAA AUACCUU 15410 842 AACAGAAU C AUGAUCU 105 AGADCCAU CUGAUGAG GCCGUUAGGC CGAA AUACCUU 15411 842 AACAGAAU C AUGAUCU 105 AGADCCAU CUGAUGAG CCGUUAGGC CGAA AUCCAUGA	693	GUCUACGU C AGGUAUGG	93	CCAUACCU CUGAUGAG GCCGUUAGGC CGAA ACGUAGAC	15401
725 ACGCCACU C AAGACGCA 95 UGCGUCUU CUGAUGAG GCCGUUAGGC CGAA AGUGCGUU 15403 736 GACGCAGU C GAGAGUCA 96 UGACCUCC CUGAUGAG CCGAA ACUGCAGU 15404 743 UCGGAGGU C ACUGACA 97 CUGUCAGU CUGAUGAG CCGUUAGGC CGAA ACUGCCCA 15405 775 AAAGCACU UAGGAGACA 98 GUUCGCUA CUGAUGAG CGAA ACUGAUGAG CGAA ACUGAUGAG CGAA ACUGAUGAG CGAA ACUGAUGAG CGAA ACUGAUGAG CGAA ACUGAUGAG CGAA AGGGGGU 15407 796 AGGGGGCU GGAGUGAA 100 GUCCAUCC CUGAUGAG CCGAA AGAGCCCCU 15408 824 ACACAAGU UUGUGAUAA 101 UUACCAAA CUGAUGAG CCGAA ACCCUUGU 15408 822 AAGGUAUU U GGAAAAA 103 UUUUUACCA CUGAUGAG CGAA ACCAAAAUA 15412 8311 UAUUUUGU AAAGAGAA 104	698	CGUCAGGU A UGGAAGAU	94	AUCUUCCA CUGAUGAG GCCGUUAGGC CGAA ACCUGACG	
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933 GUGUUGU C GUGCUAUU 116 AAUAGCAC CUGAUGAG GCCGUUAGGC CGAA ACAAACAC 15424 939 GUCGUGCU A UUGCUUUU 117 AAAAGCAA CUGAUGAG GCCGUUAGGC CGAA AGCACGAC 15425 941 CGUGCUAU U GCUUUUGG 118 CCAAAAGC CUGAUGAG GCCGUUAGGC CGAA AUAGCACG 15426 945 CUAUUGCU U UUGGUGGC 119 GCCACCAA CUGAUGAG GCCGUUAGGC CGAA AGCAAUAG 15427 946 UAUUGCUU U UGGUGGCC 120 GGCCACCA CUGAUGAG GCCGUUAGGC CGAA AAGCAAUA 15428 947 AUUGCUUU U GGUGGCC 121 GGGCCACC CUGAUGAG GCCGUUAGGC CGAA AAAGCAAU 15429 961 CCCCAGCU U ACAGCUUC 122 GAAGCUGU CUGAUGAG GCCGUUAGGC CGAA AGCUGGGG 15430					
939 GUCGUGCU A UUGCUUUU 117 AAAAGCAA CUGAUGAG GCCGUUAGGC CGAA AGCACGAC 15425 941 CGUGCUAU U GCUUUUGG 118 CCAAAAGC CUGAUGAG GCCGUUAGGC CGAA AUAGCACG 15426 945 CUAUUGCU U UUGGUGGC 119 GCCACCAA CUGAUGAG GCCGUUAGGC CGAA AGCAAUAG 15427 946 UAUUGCUU U UGGUGGCC 120 GGCCACCA CUGAUGAG GCCGUUAGGC CGAA AAGCAAUA 15428 947 AUUGCUUU U GGUGGCCC 121 GGGCCACC CUGAUGAG GCCGUUAGGC CGAA AAAGCAAU 15429 961 CCCCAGCU U ACAGCUUC 122 GAAGCUGU CUGAUGAG GCCGUUAGGC CGAA AGCUGGGG 15430					
941 CGUGCUAU U GCUUUUGG 118 CCAAAAGC CUGAUGAG GCCGUUAGGC CGAA AUAGCACG 15426 945 CUAUUGCU U UUGGUGGC 119 GCCACCAA CUGAUGAG GCCGUUAGGC CGAA AGCAAUAG 15427 946 UAUUGCUU U UGGUGGCC 120 GGCCACCA CUGAUGAG GCCGUUAGGC CGAA AAGCAAUA 15428 947 AUUGCUUU U GGUGGCCC 121 GGGCCACC CUGAUGAG GCCGUUAGGC CGAA AAAGCAAU 15429 961 CCCCAGCU U ACAGCUUC 122 GAAGCUGU CUGAUGAG GCCGUUAGGC CGAA AGCUGGGG 15430			+		15424
945 CUAUUGCU U UUGGUGGC 119 GCCACCAA CUGAUGAG GCCGUUAGGC CGAA AGCAAUAG 15427 946 UAUUGCUU U UGGUGGCC 120 GGCCACCA CUGAUGAG GCCGUUAGGC CGAA AAGCAAUA 15428 947 AUUGCUUU U GGUGGCCC 121 GGGCCACC CUGAUGAG GCCGUUAGGC CGAA AAAGCAAU 15429 961 CCCCAGCU U ACAGCUUC 122 GAAGCUGU CUGAUGAG GCCGUUAGGC CGAA AGCUGGGG 15430					15425
946 UAUUGCUU U UGGUGGCC 120 GGCCACCA CUGAUGAG GCCGUUAGGC CGAA AAGCAAUA 15428 947 AUUGCUUU U GGUGGCCC 121 GGGCCACC CUGAUGAG GCCGUUAGGC CGAA AAAGCAAU 15429 961 CCCCAGCU U ACAGCUUC 122 GAAGCUGU CUGAUGAG GCCGUUAGGC CGAA AGCUGGGG 15430					15426
947 AUUGCUUU U GGUGGCCC 121 GGGCCACC CUGAUGAG GCCGUUAGGC CGAA AAAGCAAU 15429 961 CCCCAGCU U ACAGCUUC 122 GAAGCUGU CUGAUGAG GCCGUUAGGC CGAA AGCUGGGG 15430					15427
961 CCCCAGCU U ACAGCUUC 122 GAAGCUGU CUGAUGAG GCCGUUAGGC CGAA AGCUGGGG 15430					15428
					15429
	961		122		15430

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Table III

962	CCCAGCUU A CAGCUUCA	123	UGAAGCUG CUGAUGAG GCCGUUAGGC CGAA AAGCUGGG	15431
968	UUACAGCU U CAACUGCC	124	GGCAGUUG CUGAUGAG GCCGUUAGGC CGAA AGCUGUAA	15432
969	UACAGCUU C AACUGCCU	125	AGGCAGUU CUGAUGAG GCCGUUAGGC CGAA AAGCUGUA	15433
978	AACUGCCU U GGAAUGAG	126	CUCAUUCC CUGAUGAG GCCGUUAGGC CGAA AGGCAGUU	15434
998	CAGAGACU U CUUGGAAG	127	CUUCCAAG CUGAUGAG GCCGUUAGGC CGAA AGUCUCUG	15435
	AGAGACUU C UUGGAAGG	128	CCUUCCAA CUGAUGAG GCCGUUAGGC CGAA AAGUCUCU	15436
999				
1001	AGACUUCU U GGAAGGAG	129	CUCCUUCC CUGAUGAG GCCGUUAGGC CGAA AGAAGUCU	15437
1013	AGGAGUGU C UGGAGCAA	130	UUGCUCCA CUGAUGAG GCCGUUAGGC CGAA ACACUCCU	15438
1033	GGGUGGAU U UGGUUCUC	131	GAGAACCA CUGAUGAG GCCGUUAGGC CGAA AUCCACCC	15439
1034	GGUGGAUU U GGUUCUCG	132	CGAGAACC CUGAUGAG GCCGUUAGGC CGAA AAUCCACC	15440
1038	GAUUUGGU U CUCGAAGG	133	CCUUCGAG CUGAUGAG GCCGUUAGGC CGAA ACCAAAUC	15441
1039	AUUUGGUU C UCGAAGGC	134	GCCUUCGA CUGAUGAG GCCGUUAGGC CGAA AACCAAAU	15442
1041	UUGGUUCU C GAAGGCGA	135	UCGCCUUC CUGAUGAG GCCGUUAGGC CGAA AGAACCAA	15443
	GCGUGACU A UCAUGUCU	136	AGACAUGA CUGAUGAG GCCGUUAGGC CGAA AGUCACGC	15444
1063	L			
1065	GUGACUAU C AUGUCUAA	137	UUAGACAU CUGAUGAG GCCGUUAGGC CGAA AUAGUCAC	15445
1070	UAUCAUGU C UAAGGACA	138	UGUCCUUA CUGAUGAG GCCGUUAGGC CGAA ACAUGAUA	15446
1072	UCAUGUCU A AGGACAAG	139	CUUGUCCU CUGAUGAG GCCGUUAGGC CGAA AGACAUGA	15447
1084	ACAAGCCU A CCAUCGAU	140	AUCGAUGG CUGAUGAG GCCGUUAGGC CGAA AGGCUUGU	15448
1089	CCUACCAU C GAUGUGAA	141	UUCACAUC CUGAUGAG GCCGUUAGGC CGAA AUGGUAGG	15449
1108	UGAUGAAU A UGGAGGCG	142	CGCCUCCA CUGAUGAG GCCGUUAGGC CGAA AUUCAUCA	15450
1119	GAGGCGGU C AACCUGGC	143	GCCAGGUU CUGAUGAG GCCGUUAGGC CGAA ACCGCCUC	15451
1134	GCAGAGGU C CGCAGUUA	144	UAACUGCG CUGAUGAG GCCGUUAGGC CGAA ACCUCUGC	15452
1141	UCCGCAGU U AUUGCUAU	145	AUAGCAAU CUGAUGAG GCCGUUAGGC CGAA ACUGCGGA	15453
1142	CCGCAGUU A UUGCUAUU	146	AAUAGCAA CUGAUGAG GCCGUUAGGC CGAA AACUGCGG	15454
1144	GCAGUUAU U GCUAUUUG	147	CAAAUAGC CUGAUGAG GCCGUUAGGC CGAA AUAACUGC	15455
1148	UUAUUGCU A UUUGGCUA	148	UAGCCAAA CUGAUGAG GCCGUUAGGC CGAA AGCAAUAA	15456
1150	AUUGCUAU U UGGCUACC	149	GGUAGCCA CUGAUGAG GCCGUUAGGC CGAA AUAGCAAU	15457
1151	UUGCUAUU U GGCUACCG	150	CGGUAGCC CUGAUGAG GCCGUUAGGC CGAA AAUAGCAA	15458
1156	AUUUGGCU A CCGUCAGC	151	GCUGACGG CUGAUGAG GCCGUUAGGC CGAA AGCCAAAU	15459
1161	GCUACCGU C AGCGAUCU	152	AGAUCGCU CUGAUGAG GCCGUUAGGC CGAA ACGGUAGC	15460
1168	UCAGCGAU C UCUCCACC	153	GGUGGAGA CUGAUGAG GCCGUUAGGC CGAA AUCGCUGA	15461
1170	AGCGAUCU C UCCACCAA	154	UUGGUGGA CUGAUGAG GCCGUUAGGC CGAA AGAUCGCU	15462
1172	CGAUCUCU C CACCAAAG	155	CUUUGGUG CUGAUGAG GCCGUUAGGC CGAA AGAGAUCG	15463
1207	GAGAAGCU C ACAAUGAC	156	GUCAUUGU CUGAUGAG GCCGUUAGGC CGAA AGCUUCUC	15464
	ACCCAGCU U UUGUGUGC	157	GCACACAA CUGAUGAG GCCGUUAGGC CGAA AGCUGGGU	
1234			<u> </u>	15465
1235	CCCAGCUU U UGUGUGCA	158	UGCACACA CUGAUGAG GCCGUUAGGC CGAA AAGCUGGG	15466
1236	CCAGCUUU U GUGUGCAG	159	CUGCACAC CUGAUGAG GCCGUUAGGC CGAA AAAGCUGG	15467
1286	CUGCGGAU U AUUUGGCA	160	UGCCAAAU CUGAUGAG GCCGUUAGGC CGAA AUCCGCAG	15468
1287	UGCGGAUU A UUUGGCAA	161	UUGCCAAA CUGAUGAG GCCGUUAGGC CGAA AAUCCGCA	15469
1289	CGGAUUAU U UGGCAAAG	162	CUUUGCCA CUGAUGAG GCCGUUAGGC CGAA AUAAUCCG	15470
1290	GGAUUAUU U GGCAAAGG	163	CCUUUGCC CUGAUGAG GCCGUUAGGC CGAA AAUAAUCC	15471
1305	GGAAGCAU U GACACAUG	164	CAUGUGUC CUGAUGAG GCCGUUAGGC CGAA AUGCUUCC	15472
1322	CGCCAAAU U UGCCUGCU	165	AGCAGGCA CUGAUGAG GCCGUUAGGC CGAA AUUUGGCG	15473
1323	GCCAAAUU U GCCUGCUC	166	GAGCAGGC CUGAUGAG GCCGUUAGGC CGAA AAUJUGGC	15474
1331	UGCCUGCU C UACCAAGG	167	CCUUGGUA CUGAUGAG GCCGUUAGGC CGAA AGCAGGCA	15475
1333	CCUGCUCU A CCAAGGCA		<u> </u>	
		168	UGCCUUGG CUGAUGAG GCCGUUAGGC CGAA AGAGCAGG	15476
1344	AAGGCAAU A GGAAGAAC	169	GUUCUUCC CUGAUGAG GCCGUUAGGC CGAA AUUGCCUU	15477
1356	AGAACCAU C UUGAAAGA	170	UCUUUCAA CUGAUGAG GCCGUUAGGC CGAA AUGGUUCU	15478
1358	AACCAUCU U GAAAGAGA	171	UCUCUUUC CUGAUGAG GCCGUUAGGC CGAA AGAUGGUU	15479
1369	AAGAGAAU A UCAAGUAC	172	GUACUUGA CUGAUGAG GCCGUUAGGC CGAA AUUCUCUU	15480
1371	GAGAAUAU C AAGUACGA	173	UCGUACUU CUGAUGAG GCCGUUAGGC CGAA AUAUUCUC	15481
1376	UAUCAAGU A CGAAGUGG	174	CCACUUCG CUGAUGAG GCCGUUAGGC CGAA ACUUGAUA	15482
1389	GUGGCCAU U UUUGUCCA	175	UGGACAAA CUGAUGAG GCCGUUAGGC CGAA AUGGCCAC	15483
1390	UGGCCAUU U UUGUCCAU	176	AUGGACAA CUGAUGAG GCCGUUAGGC CGAA AAUGGCCA	15484
1391	GGCCAUUU U UGUCCAUG	177	CAUGGACA CUGAUGAG GCCGUUAGGC CGAA AAAUGGCC	15485
1392	GCCAUUUU U GUCCAUGG	178	CCAUGGAC CUGAUGAG GCCGUUAGGC CGAA AAAAUGGC	
				15486
1395	AUUUUUGU C CAUGGACC	179	GGUCCAUG CUGAUGAG GCCGUUAGGC CGAA ACAAAAAU	15487
1408	GACCAACU A CUGUGGAG	180	CUCCACAG CUGAUGAG GCCGUUAGGC CGAA AGUUGGUC	15488
1418	UGUGGAGU C GCACGGAA	181	UUCCGUGC CUGAUGAG GCCGUUAGGC CGAA ACUCCACA	15489
1430	CGGAAACU A CUCCACAC	182	GUGUGGAG CUGAUGAG GCCGUUAGGC CGAA AGUUUCCG	15490
1433	AAACUACU C CACACAGG	183	CCUGUGUG CUGAUGAG GCCGUUAGGC CGAA AGUAGUUU	15491
1443	ACACAGGU U GGAGCCAC	184	GUGGCUCC CUGAUGAG GCCGUUAGGC CGAA ACCUGUGU	15492
1453	GAGCCACU C AGGCAGGG	185	CCCUGCCU CUGAUGAG GCCGUUAGGC CGAA AGUGGCUC	15493
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Table III

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1466	AGGGAGAU U CAGCAUCA	186	UGAUGCUG CUGAUGAG GCCGUUAGGC CGAA AUCUCCCU	15494
1467	GGGAGAUU C AGCAUCAC	187	GUGAUGCU CUGAUGAG GCCGUUAGGC CGAA AAUCUCCC	15495
1473	UUCAGCAU C ACUCCUGC	188	GCAGGAGU CUGAUGAG GCCGUUAGGC CGAA AUGCUGAA	15496
1477	GCAUCACU C CUGCGGCG	189	CGCCGCAG CUGAUGAG GCCGUUAGGC CGAA AGUGAUGC	15497
1489	CGGCGCCU U CAUACACA	190	UGUGUAUG CUGAUGAG GCCGUUAGGC CGAA AGGCGCCG	15498
1490	GGCGCCUU C AUACACAC	191	GUGUGUAU CUGAUGAG GCCGUUAGGC CGAA AAGGCGCC	15499
1493	GCCUUCAU A CACACUAA	192	UUAGUGUG CUGAUGAG GCCGUUAGGC CGAA AUGAAGGC	15500
1500	UACACACU A AAGCUUGG	193	CCAAGCUU CUGAUGAG GCCGUUAGGC CGAA AGUGUGUA	15501
1506	CUAAAGCU U GGAGAAUA	194	UAUUCUCC CUGAUGAG GCCGUUAGGC CGAA AGCUUUAG	15502
	UGGAGAAU A UGGAGAGG	195	CCUCUCCA CUGAUGAG GCCGUUAGGC CGAA AUUCUCCA	15503
1514		196		
1547	ACCACGGU C AGGGAUUG			15504
1554	UCAGGGAU U GACACCAA	197		15505
1568	CAAUGCAU A CUACGUGA	198	UCACGUAG CUGAUGAG GCCGUUAGGC CGAA AUGCAUUG	15506
1571	UGCAUACU A CGUGAUGA	199	UCAUCACG CUGAUGAG GCCGUUAGGC CGAA AGUAUGCA	15507
1584	AUGACUGU U GGAACAAA	200	UUUGUUCC CUGAUGAG GCCGUUAGGC CGAA ACAGUCAU	15508
1598	AAAGACGU U CUUGGUCC	201	GGACCAAG CUGAUGAG GCCGUUAGGC CGAA ACGUCUUU	15509
1599	AAGACGUU C UUGGUCCA	202	UGGACCAA CUGAUGAG GCCGUUAGGC CGAA AACGUCUU	15510
1601	GACGUUCU U GGUCCAUC	203	GAUGGACC CUGAUGAG GCCGUUAGGC CGAA AGAACGUC	15511
1605	UUCUUGGU C CAUCGUGA	204	UCACGAUG CUGAUGAG GCCGUUAGGC CGAA ACCAAGAA	15512
1609	UGGUCCAU C GUGAGUGG	205	CCACUCAC CUGAUGAG GCCGUUAGGC CGAA AUGGACCA	15513
1619	UGAGUGGU U CAUGGACC	206	GGUCCAUG CUGAUGAG GCCGUUAGGC CGAA ACCACUCA	15514
1620	GAGUGGUU C AUGGACCU	207	AGGUCCAU CUGAUGAG GCCGUUAGGC CGAA AACCACUC	15515
1629	AUGGACCU C AACCUCCC	208	GGGAGGUU CUGAUGAG GCCGUUAGGC CGAA AGGUCCAU	15516
1635	CUCAACCU C CCUUGGAG	209	CUCCAAGG CUGAUGAG GCCGUUAGGC CGAA AGGUUGAG	15517
1639	ACCUCCCU U GGAGCAGU	210	ACUGCUCC CUGAUGAG GCCGUUAGGC CGAA AGGGAGGU	15518
1657	CUGGAAGU A CUGUGUGG	211	CCACACAG CUGAUGAG GCCGUUAGGC CGAA ACUUCCAG	15519
1682	AGAGACGU U AAUGGAGU	212	ACUCCAUU CUGAUGAG GCCGUUAGGC CGAA ACGUCUCU	15520
1683	GAGACGUU A AUGGAGUU	213	AACUCCAU CUGAUGAG GCCGUUAGGC CGAA AACGUCUC	15521
1691	AAUGGAGU U UGAGGAAC	214	GUUCCUCA CUGAUGAG GCCGUUAGGC CGAA ACUCCAUU	15522
1692	AUGGAGUU U GAGGAACC	215	GGUUCCUC CUGAUGAG GCCGUUAGGC CGAA AACUCCAU	15523
\longrightarrow		216	CUAUCACA CUGAUGAG GCCGUUAGGC CGAA ACUCCAU	
1718	GAAGCAGU C UGUGAUAG	217		15524
1725	UCUGUGAU A GCAUUGGG		CCCAAUGC CUGAUGAG GCCGUUAGGC CGAA AUCACAGA	15525
1730	GAUAGCAU U GGGCUCAC	218	GUGAGCCC CUGAUGAG GCCGUUAGGC CGAA AUGCUAUC	15526
1736	AUUGGGCU C ACAAGAGG	219	CCUCUUGU CUGAUGAG GCCGUUAGGC CGAA AGCCCAAU	15527
1750	AGGGAGCU C UGCAUCAA	220	UUGAUGCA CUGAUGAG GCCGUUAGGC CGAA AGCUCCCU	15528
1756	CUCUGCAU C AAGCUUUG	221	CAAAGCUU CUGAUGAG GCCGUUAGGC CGAA AUGCAGAG	15529
1762	AUCAAGCU U UGGCUGGA	222	UCCAGCCA CUGAUGAG GCCGUUAGGC CGAA AGCUUGAU	15530
1763	UCAAGCUU U GGCUGGAG	223	CUCCAGCC CUGAUGAG GCCGUUAGGC CGAA AAGCUUGA	15531
1776	GGAGCCAU U CCUGUGGA	224	UCCACAGG CUGAUGAG GCCGUUAGGC CGAA AUGGCUCC	15532
1777	GAGCCAUU C CUGUGGAA	225	UUCCACAG CUGAUGAG GCCGUUAGGC CGAA AAUGGCUC	15533
1787	UGUGGAAU U UUCAAGCA	226	UGCUUGAA CUGAUGAG GCCGUUAGGC CGAA AUUCCACA	15534
1788	GUGGAAUU U UCAAGCAA	227	UUGCUUGA CUGAUGAG GCCGUUAGGC CGAA AAUUCCAC	15535
1789	UGGAAUUU U CAAGCAAC	228	GUUGCUUG CUGAUGAG GCCGUUAGGC CGAA AAAUUCCA	15536
1790	GGAAUUUU C AAGCAACA	229	UGUUGCUU CUGAUGAG GCCGUUAGGC CGAA AAAAUUCC	15537
1803	AACACUGU C AAGUUGAC	230	GUCAACUU CUGAUGAG GCCGUUAGGC CGAA ACAGUGUU	15538
1808	UGUCAAGU U GACGUCGG	231	CCGACGUC CUGAUGAG GCCGUUAGGC CGAA ACUUGACA	15539
1814	GUUGACGU C GGGUCAUU	232	AAUGACCC CUGAUGAG GCCGUUAGGC CGAA ACGUCAAC	15540
1819	CGUCGGGU C AUUUGAAG	233	CUUCAAAU CUGAUGAG GCCGUUAGGC CGAA ACCCGACG	15541
1822	CGGGUCAU U UGAAGUGU	234	ACACUUCA CUGAUGAG GCCGUUAGGC CGAA AUGACCCG	15542
1823	GGGUCAUU U GAAGUGUA	235	UACACUUC CUGAUGAG GCCGUUAGGC CGAA AAUGACCC	15543
1831	UGAGUGU A GAGUGAAG	236	CUUCACUC CUGAUGAG GCCGUUAGGC CGAA ACACUUCA	15544
1850	GGAAAAU U GCAGUUGA	237	UCAACUGC CUGAUGAG GCCGUUAGGC CGAA AUUUUUCC	15545
1856	AUUGCAGU U GAAGGGAA	238	UUCCCUUC CUGAUGAG GCCGUUAGGC CGAA ACUGCAAU	15546
1871	AACAACCU A UGGCGUCU	239	AGACGCCA CUGAUGAG GCCGUUAGGC CGAA AGGUUGUU	15547
1878	UAUGGCGU C UGUUCAAA	240	<u> </u>	
1882	GCGUCUGU U CAAAGGCU	241	UUUGAACA CUGAUGAG GCCGUUAGGC CGAA ACGCCAUA	15548
			AGCCUUUG CUGAUGAG GCCGUUAGGC CGAA ACAGACGC	15549
1883	CGUCUGUU C AAAGGCUU	242	AAGCCUUU CUGAUGAG GCCGUUAGGC CGAA AACAGACG	15550
1891	CAAAGGCU U UCAAGUUU	243	AAACUUGA CUGAUGAG GCCGUUAGGC CGAA AGCCUUUG	15551
1892	AAAGGCUU U CAAGUUUC	244	GAAACUUG CUGAUGAG GCCGUUAGGC CGAA AAGCCUUU	15552
1893	AAGGCUUU C AAGUUUCU	245	AGAAACUU CUGAUGAG GCCGUUAGGC CGAA AAAGCCUU	15553
1898	UUUCAAGU U UCUUGGGA	246	UCCCAAGA CUGAUGAG GCCGUUAGGC CGAA ACUUGAAA	15554
1899	UUCAAGUU U CUUGGGAC	247	GUCCCAAG CUGAUGAG GCCGUUAGGC CGAA AACUUGAA	15555
1900	UCAAGUUU C UUGGGACU	248	AGUCCCAA CUGAUGAG GCCGUUAGGC CGAA AAACUUGA	15556

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1902	AAGUUUCU U GGGACUCC	249	GGAGUCCC CUGAUGAG GCCGUUAGGC CGAA AGAAACUU	15557
1909	UUGGGACU C CCGCAGAC	250	GUCUGCGG CUGAUGAG GCCGUUAGGC CGAA AGUCCCAA	15558
1924	ACACAGGU C ACGGCACU	251	AGUGCCGU CUGAUGAG GCCGUUAGGC CGAA ACCUGUGU	15559
1940	UGUGGUGU U GGAAUUGC	252	GCAAUUCC CUGAUGAG GCCGUUAGGC CGAA ACACCACA	15560
1946	GUUGGAAU U GCAGUACA	253	UGUACUGC CUGAUGAG GCCGUUAGGC CGAA AUUCCAAC	15561
1952	AUUGCAGU A CACUGGCA	254	UGCCAGUG CUGAUGAG GCCGUUAGGC CGAA ACUGCAAU	15562
1972	AUGGACCU U GCAAAGUU	255	AACUUUGC CUGAUGAG GCCGUUAGGC CGAA AGGUCCAU	15563
1980	UGCAAAGU U CCUAUCUC	256	GAGAUAGG CUGAUGAG GCCGUUAGGC CGAA ACUUUGCA	
-	GCAAAGUU C CUAUCUCG	257		15564
1981		258		15565
1984	AAGUUCCU A UCUCGUCA		UGACGAGA CUGAUGAG GCCGUUAGGC CGAA AGGAACUU	15566
1986	GUUCCUAU C UCGUCAGU	259	ACUGACGA CUGAUGAG GCCGUUAGGC CGAA AUAGGAAC	15567
1988	UCCUAUCU C GUCAGUGG	260	CCACUGAC CUGAUGAG GCCGUUAGGC CGAA AGAUAGGA	15568
1991	UAUCUCGU C AGUGGCUU	261	AAGCCACU CUGAUGAG GCCGUUAGGC CGAA ACGAGAUA	15569
1999	CAGUGGCU U CAUUGAAC	262	GUUCAAUG CUGAUGAG GCCGUUAGGC CGAA AGCCACUG	15570
2000	AGUGGCUU C AUUGAACG	263	CGUUCAAU CUGAUGAG GCCGUUAGGC CGAA AAGCCACU	15571
2003	GGCUUCAU U GAACGACC	264	GGUCGUUC CUGAUGAG GCCGUUAGGC CGAA AUGAAGCC	15572
2013	AACGACCU A ACGCCAGU	265	ACUGGCGU CUGAUGAG GCCGUUAGGC CGAA AGGUCGUU	15573
2030	GGGCAGAU U GGUCACUG	266	CAGUGACC CUGAUGAG GCCGUUAGGC CGAA AUCUGCCC	15574
2034	AGAUUGGU C ACUGUCAA	267	UUGACAGU CUGAUGAG GCCGUUAGGC CGAA ACCAAUCU	15575
2040	GUCACUGU C AACCCUUU	268	AAAGGGUU CUGAUGAG GCCGUUAGGC CGAA ACAGUGAC	15576
2047	UCAACCCU U UUGUUUCA	269	UGAAACAA CUGAUGAG GCCGUUAGGC CGAA AGGGUUGA	15577
2048	CAACCCUU U UGUUUCAG	270	CUGAAACA CUGAUGAG GCCGUUAGGC CGAA AAGGGUUG	15578
2049	AACCCUUU U GUUUCAGU	271	ACUGAAAC CUGAUGAG GCCGUUAGGC CGAA AAAGGGUU	15579
2052	CCUUUUGU U UCAGUGGC	272	GCCACUGA CUGAUGAG GCCGUUAGGC CGAA ACAAAAGG	15580
2053	CUUUUGUU U CAGUGGCC	273	GGCCACUG CUGAUGAG GCCGUUAGGC CGAA AACAAAAG	15581
2054	UUUUGUUU C AGUGGCCA	274	UGGCCACU CUGAUGAG GCCGUUAGGC CGAA AAACAAAA	15582
2074	CCAACGCU A AGGUCCUG	275	CAGGACCU CUGAUGAG GCCGUUAGGC CGAA AGCGUUGG	15583
2079	GCUAAGGU C CUGAUUGA	276	UCAAUCAG CUGAUGAG GCCGUUAGGC CGAA ACCUUAGC	15584
2085	GUCCUGAU U GAAUUGGA	277	UCCAAUUC CUGAUGAG GCCGUUAGGC CGAA AUCAGGAC	15585
2090	GAUUGAAU U GGAACCAC	278	GUGGUUCC CUGAUGAG GCCGUUAGGC CGAA AUUCAAUC	15586
2102	ACCACCCU U UGGAGACU	279	AGUCUCCA CUGAUGAG GCCGUUAGGC CGAA AGGGUGGU	15587
2103	CCACCCUU U GGAGACUC	280	GAGUCUCC CUGAUGAG GCCGUUAGGC CGAA AAGGGUGG	15588
2111	UGGAGACU C AUACAUAG	281	CUAUGUAU CUGAUGAG GCCGUUAGGC CGAA AGUCUCCA	
2114	AGACUCAU A CAUAGUGG	282	CCACUAUG CUGAUGAG GCCGUUAGGC CGAA AUGAGUCU	15589
2114	UCAUACAU A GUGGUGGG	283		15590
2115	CAACAGAU C AAUCACCA	284	CCCACCAC CUGAUGAG GCCGUUAGGC CGAA AUGUAUGA	15591
2149	AGAUCAAU C ACCAUUGG	285	UGGUGAUU CUGAUGAG GCCGUUAGGC CGAA AUCUGUUG	15592
			CCAAUGGU CUGAUGAG GCCGUUAGGC CGAA AUUGAUCU	15593
2155	AUCACCAU U GGCACAAG	286	CUUGUGCC CUGAUGAG GCCGUUAGGC CGAA AUGGUGAU	15594
2165	GCACAAGU C UGGAAGCA	287	UGCUUCCA CUGAUGAG GCCGUUAGGC CGAA ACUUGUGC	15595
2178	AGCAGCAU U GGCAAAGC	288	GCUUUGCC CUGAUGAG GCCGUUAGGC CGAA AUGCUGCU	15596
2189	CAAAGCCU U UACAACCA	289	UGGUUGUA CUGAUGAG GCCGUUAGGC CGAA AGGCUUUG	15597
2190	AAAGCCUU U ACAACCAC	290	GUGGUUGU CUGAUGAG GCCGUUAGGC CGAA AAGGCUUU	15598
2191	AAGCCUUU A CAACCACC	291	GGUGGUUG CUGAUGAG GCCGUUAGGC CGAA AAAGGCUU	15599
2202	ACCACCCU C AAAGGAGC	292	GCUCCUUU CUGAUGAG GCCGUUAGGC CGAA AGGGUGGU	15600
2220	CAGAGACU A GCCGCUCU	293	AGAGCGGC CUGAUGAG GCCGUUAGGC CGAA AGUCUCUG	15601
2227	UAGCCGCU C UAGGAGAC	294	GUCUCCUA CUGAUGAG GCCGUUAGGC CGAA AGCGGCUA	15602
2229	GCCGCUCU A GGAGACAC	295	GUGUCUCC CUGAUGAG GCCGUUAGGC CGAA AGAGCGGC	15603
2242	ACACAGCU U GGGACUUU	296	AAAGUCCC CUGAUGAG GCCGUUAGGC CGAA AGCUGUGU	15604
2249	UUGGGACU U UGGAUCAG	297	CUGAUCCA CUGAUGAG GCCGUUAGGC CGAA AGUCCCAA	15605
2250	UGGGACUU U GGAUCAGU	298	ACUGAUCC CUGAUGAG GCCGUUAGGC CGAA AAGUCCCA	15606
2255	CUUUGGAU C AGUUGGAG	299	CUCCAACU CUGAUGAG GCCGUUAGGC CGAA AUCCAAAG	15607
2259	GGAUCAGU U GGAGGGGU	300	ACCCCUCC CUGAUGAG GCCGUUAGGC CGAA ACUGAUCC	15608
2270	AGGGGUGU U CACCUCAG	301	CUGAGGUG CUGAUGAG GCCGUUAGGC CGAA ACACCCCU	15609
2271	GGGGUGUU C ACCUCAGU	302	ACUGAGGU CUGAUGAG GCCGUUAGGC CGAA AACACCCC	15610
2276	GUUCACCU C AGUUGGGA	303	UCCCAACU CUGAUGAG GCCGUUAGGC CGAA AGGUGAAC	15611
2280	ACCUCAGU U GGGAAGGC	304	GCCUUCCC CUGAUGAG GCCGUUAGGC CGAA ACUGAGGU	15612
2292	AAGGCUGU C CAUCAAGU	305	ACUUGAUG CUGAUGAG GCCGUUAGGC CGAA ACAGCCUU	15613
2296	CUGUCCAU C AAGUGUUC	306	GAACACUU CUGAUGAG GCCGUUAGGC CGAA AUGGACAG	15614
2303	UCAAGUGU U CGGAGGAG	307	CUCCUCCG CUGAUGAG GCCGUUAGGC CGAA ACACUUGA	15615
2304	CAAGUGUU C GGAGGAGC	308	GCUCCUCC CUGAUGAG GCCGUUAGGC CGAA AACACUUG	15616
2315	AGGAGCAU U CCGCUCAC	309	GUGAGCGG CUGAUGAG GCCGUUAGGC CGAA AUGCUCCU	
2316	GGAGCAUU C CGCUCACU	310	AGUGAGCG CUGAUGAG GCCGUUAGGC CGAA AAUGCUCC	15617
2321	AUUCCGCU C ACUGUUCG	311		15618
			CGAACAGU CUGAUGAG GCCGUUAGGC CGAA AGCGGAAU	15619

Table III

2327	CUCACUGU U CGGAGGCA	312	UGCCUCCG CUGAUGAG GCCGUUAGGC CGAA ACAGUGAG	15620
2328	UCACUGUU C GGAGGCAU	313	AUGCCUCC CUGAUGAG GCCGUUAGGC CGAA AACAGUGA	15621
2339	AGGCAUGU C CUGGAUAA	314	UUAUCCAG CUGAUGAG GCCGUUAGGC CGAA ACAUGCCU	15622
		315	CCUUGCGU CUGAUGAG GCCGUUAGGC CGAA AUCCAGGA	15623
2346	UCCUGGAU A ACGCAAGG			
2357	GCAAGGAU U GCUGGGGG	316	CCCCCAGC CUGAUGAG GCCGUUAGGC CGAA AUCCUUGC	15624
2368	UGGGGGCU C UCCUGUUG	317	CAACAGGA CUGAUGAG GCCGUUAGGC CGAA AGCCCCCA	15625
2370	GGGGCUCU C CUGUUGUG	318	CACAACAG CUGAUGAG GCCGUUAGGC CGAA AGAGCCCC	15626
2375	UCUCCUGU U GUGGAUGG	319	CCAUCCAC CUGAUGAG GCCGUUAGGC CGAA ACAGGAGA	15627
2388	AUGGGCAU C AAUGCUCG	320	CGAGCAUU CUGAUGAG GCCGUUAGGC CGAA AUGCCCAU	15628
2395	UCAAUGCU C GUGAUAGG	321	CCUAUCAC CUGAUGAG GCCGUUAGGC CGAA AGCAUUGA	15629
2401	CUCGUGAU A GGUCCAUA	322	UAUGGACC CUGAUGAG GCCGUUAGGC CGAA AUCACGAG	15630
2405	UGAUAGGU C CAUAGCUC	323	GAGCUAUG CUGAUGAG GCCGUUAGGC CGAA ACCUAUCA	15631
	AGGUCCAU A GCUCUCAC	324	GUGAGAGC CUGAUGAG GCCGUUAGGC CGAA AUGGACCU	15632
2409				
2413	CCAUAGCU C UCACGUUU	325	AAACGUGA CUGAUGAG GCCGUUAGGC CGAA AGCUAUGG	15633
2415	AUAGCUCU C ACGUUUCU	326	AGAAACGU CUGAUGAG GCCGUUAGGC CGAA AGAGCUAU	15634
2420	UCUCACGU U UCUCGCAG	327	CUGCGAGA CUGAUGAG GCCGUUAGGC CGAA ACGUGAGA	15635
2421	CUCACGUU U CUCGCAGU	328	ACUGCGAG CUGAUGAG GCCGUUAGGC CGAA AACGUGAG	15636
	UCACGUUU C UCGCAGUU	329	AACUGCGA CUGAUGAG GCCGUUAGGC CGAA AAACGUGA	15637
2422				
2424	ACGUUUCU C GCAGUUGG	330	CCAACUGC CUGAUGAG GCCGUUAGGC CGAA AGAAACGU	15638
2430	CUCGCAGU U GGAGGAGU	331	ACUCCUCC CUGAUGAG GCCGUUAGGC CGAA ACUGCGAG	15639
2439	GGAGGAGU U CUGCUCUU	332	AAGAGCAG CUGAUGAG GCCGUUAGGC CGAA ACUCCUCC	15640
2440	GAGGAGUU C UGCUCUUC	333	GAAGAGCA CUGAUGAG GCCGUUAGGC CGAA AACUCCUC	15641
	GUUCUGCU C UUCCUCUC	334	GAGAGGAA CUGAUGAG GCCGUUAGGC CGAA AGCAGAAC	15642
2445				
2447	ncnecnen n cenencea	335	CGGAGAGG CUGAUGAG GCCGUUAGGC CGAA AGAGCAGA	15643
2448	CUGCUCUU C CUCUCCGU	336	ACGGAGAG CUGAUGAG GCCGUUAGGC CGAA AAGAGCAG	15644
2451	CUCUUCCU C UCCGUGAA	337	UUCACGGA CUGAUGAG GCCGUUAGGC CGAA AGGAAGAG	15645
2453	CUUCCUCU C CGUGAACG	338	CGUUCACG CUGAUGAG GCCGUUAGGC CGAA AGAGGAAG	15646
2487	UGUGCCAU A GACAUCAG	339	CUGAUGUC CUGAUGAG GCCGUUAGGC CGAA AUGGCACA	15647
			<u> </u>	
2493	AUAGACAU C AGCCGGCA	340	UGCCGGCU CUGAUGAG GCCGUUAGGC CGAA AUGUCUAU	15648
2528	UGGAGUGU U CAUACACA	341	UGUGUAUG CUGAUGAG GCCGUUAGGC CGAA ACACUCCA	15649
2529	GGAGUGUU C AUACACAA	342	UUGUGUAU CUGAUGAG GCCGUUAGGC CGAA AACACUCC	15650
2532	GUGUUCAU A CACAAUGA	343	UCAUUGUG CUGAUGAG GCCGUUAGGC CGAA AUGAACAC	15651
2551	UGGAGGCU U GGAUGGAC	344	GUCCAUCC CUGAUGAG GCCGUUAGGC CGAA AGCCUCCA	15652
				
2564	GGACCGGU A CAAGUAUU	345	AAUACUUG CUGAUGAG GCCGUUAGGC CGAA ACCGGUCC	15653
2570	GUACAAGU A UUACCCUG	346	CAGGGUAA CUGAUGAG GCCGUUAGGC CGAA ACUUGUAC	15654
2572	ACAAGUAU U ACCCUGAA	347	UUCAGGGU CUGAUGAG GCCGUUAGGC CGAA AUACUUGU	15655
2573	CAAGUAUU A CCCUGAAA	348	UUUCAGGG CUGAUGAG GCCGUUAGGC CGAA AAUACUUG	15656
2595	CAAGGCCU A GCCAAGAU	349	AUCUUGGC CUGAUGAG GCCGUUAGGC CGAA AGGCCUUG	15657
				
2604	GCCAAGAU C AUUCAGAA	350	UUCUGAAU CUGAUGAG GCCGUUAGGC CGAA AUCUUGGC	15658
2607	AAGAUCAU U CAGAAAGC	351	GCUUUCUG CUGAUGAG GCCGUUAGGC CGAA AUGAUCUU	15659
2608	AGAUCAUU C AGAAAGCU	352	AGCUUUCU CUGAUGAG GCCGUUAGGC CGAA AAUGAUCU	15660
2617	AGAAAGCU C AUAAGGAA	353	UUCCUUAU CUGAUGAG GCCGUUAGGC CGAA AGCUUUCU	15661
2620	AAGCUCAU A AGGAAGGA	354	UCCUUCCU CUGAUGAG GCCGUUAGGC CGAA AUGAGCUU	15662
				
2638	UGUGCGGU C UACGAUCA	355	UGAUCGUA CUGAUGAG GCCGUUAGGC CGAA ACCGCACA	15663
2640	UGCGGUCU A CGAUCAGU	356	ACUGAUCG CUGAUGAG GCCGUUAGGC CGAA AGACCGCA	15664
2645	UCUACGAU C AGUUUCCA	357	UGGAAACU CUGAUGAG GCCGUUAGGC CGAA AUCGUAGA	15665
2649	CGAUCAGU U UCCAGACU	358	AGUCUGGA CUGAUGAG GCCGUUAGGC CGAA ACUGAUCG	15666
2650	GAUCAGUU U CCAGACUG	359	CAGUCUGG CUGAUGAG GCCGUUAGGC CGAA AACUGAUC	15667
2651	AUCAGUUU C CAGACUGG	360	CCAGUCUG CUGAUGAG GCCGUUAGGC CGAA AAACUGAU	15668
				
2665	UGGAGCAU C AAAUGUGG	361	CCACAUUU CUGAUGAG GCCGUUAGGC CGAA AUGCUCCA	15669
2701	UGAACACU C UUUUGAAG	362	CUUCAAAA CUGAUGAG GCCGUUAGGC CGAA AGUGUUCA	15670
2703	AACACUCU U UUGAAGGA	363	UCCUUCAA CUGAUGAG GCCGUUAGGC CGAA AGAGUGUU	15671
2704	ACACUCUU U UGAAGGAG	364	CUCCUUCA CUGAUGAG GCCGUUAGGC CGAA AAGAGUGU	15672
2705	CACUCUUU U GAAGGAGA	365	UCUCCUUC CUGAUGAG GCCGUUAGGC CGAA AAAGAGUG	15673
		 		
2727	GUGGACCU U AGUGUCGU	366	ACGACACU CUGAUGAG GCCGUUAGGC CGAA AGGUCCAC	15674
2728	UGGACCUU A GUGUCGUG	367	CACGACAC CUGAUGAG GCCGUUAGGC CGAA AAGGUCCA	15675
2733	CUUAGUGU C GUGGUUGA	368	UCAACCAC CUGAUGAG GCCGUUAGGC CGAA ACACUAAG	15676
2739	GUCGUGGU U GAGAAACA	369	UGUUUCUC CUGAUGAG GCCGUUAGGC CGAA ACCACGAC	15677
2759	GGGAAUGU A CAAGUCAG	370	CUGACUUG CUGAUGAG GCCGUUAGGC CGAA ACAUUCCC	15678
		+		
2765	GUACAAGU C AGCACCUA	371	UAGGUGCU CUGAUGAG GCCGUUAGGC CGAA ACUUGUAC	15679
2773	CAGCACCU A AACGCCUC	372	GAGGCGUU CUGAUGAG GCCGUUAGGC CGAA AGGUGCUG	15680
2781	AAACGCCU C ACCGCCAC	373	GUGGCGGU CUGAUGAG GCCGUUAGGC CGAA AGGCGUUU	15681
2801	GGAAAAU U GGAAAUUG	374	CAAUUUCC CUGAUGAG GCCGUUAGGC CGAA AUUUUUCC	15682

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1989 1996ANNI U GGCIDGAN 375				Table III	
2833 ARAGRIGHU U UUUUUUUG 376 ARABUARA CUGAUNAG CCGANACCUUUUG 15684 2836 ARAGRIGHU U UUUUUGCA 378 UUCAARUA CUGAUNAG CCGUUUAGC CORA NAUCUCUU 15686 2837 GAGRIGHU U UUUUUGCA 378 UUCAARUA CUGAUNAG CCGUUUAGC CORA NAUCUCUU 15686 2838 ARAGRIGHU U UUUUUCCA 378 UUCAARUA CUGAUNAG CCGUUUAGC CORA NAUCUCUU 15686 2838 ARAGRIGHU U UUUUCCA 380 GUUCCAARU CUGAUNAG CCGUUUAGC CORA NAUCUCU 15686 2840 UUUUUUUU UU CACCCAGA 380 GUUCCAARU CUGAUNAG CCGUUUAGC CORA NAUCUCU 15688 2841 AUUUUUAU U GCACCAGA 382 UUUUGUGC CUGAUNAG CCGUUUAGC CORA NAUCUCU 15688 2841 AUUUUUAU U GCACCAGA 382 UUUUGUGC CUGAUNAG CCGUUUAGC CORA NAUCUCU 15689 2853 CCARACU CUCACAA 383 UUUUGUGC CUGAUNAG CCGUUUAGC CORA NAUCUCU 15690 2867 ARACCACH U UUUUGUGCU 384 CCARACAC CUGAUNAG CCGUUUAGC CORA NAUCUCU 15690 2867 CARACCOU U UUUUGUGCU 384 CCARACAC CUGAUNAG CCGUUUAGC CORA NAUCUCU 15692 2868 ARACCACH U UUUUGUGCU 386 CCARACAC CUGAUNAG CCCUUUAGC CORA NAUCUCU 15692 2870 VUUUUUU CANCCUCU 386 CCARACAC CUGAUNAG CCCUUUAGC CORA NACCACAA 15693 2881 UUUUUU CANCCUCU 386 CCARACAC CUGAUNAG CCCUUUAGC CORA NACCACAA 15693 2891 ARAGRIGUU C CARACAC 389 CCARACAC CUGAUNAG CCCUUAGC CORA NACCACAA 15693 2891 ARAGRIGUU C CARACAC 389 CCARACAC CUGAUNAG CCCUUAGC CORA NACCACAA 15693 2891 ARAGRIGUU C CARACAC 389 CCARACAC CUGAUNAG CCCUUAGC CORA NACCACAA 15693 2891 ARAGRIGUU U GARACAC 389 CCARACAC CUGAUNAG CCCUUAGC CORA NACCACAA 15693 2891 ARAGRIGUU U GARACAC 389 CCARACAC CUGAUNAG CCCUUAGC CORA NACCACAA 15693 2891 ARAGRIGUU U GARACAC 389 CCARACAC CUGAUNAG CCCUUAGC CORA NACCACCA 15693 2891 ARAGRIGUU U GARACAC CUGAUNAG CCCUUAGC CORA NACCACCA 15693 2891 ARAGRIGUU U CARACAC CUGAUNAG CCCUUAGC CORA NACCACCA 15693 2891 ARAGRIGUU U CARACAC CUGAUNAG CCCUUAGC CORA NACCACCA 15793 2891 ARAGRIGUU U CARACAC CUGAUNAG CCCUUAGC CORA NACCACCA 15793 2891 ARAGRIGUU U CARACAC CUGAUNAG CCCUUAGC CORA	2808	UUGGAAAU U GGCUGGAA	375	UUCCAGCC CUGAUGAG GCCGUUAGGC CGAA AUUUCCAA	15683
2835 AAGAGUAN U UUJUUUGCA 377 GCAAAUAA CUGAUUAG CCGANA ALACUCUU 15686 2836 CARAQUANU U UUJUUGCA 379 GUCAAAUA CUGAUUAG CCGAN AAAUCUCU 15687 2838 AGUAUUU A UUUGCAC 379 GUCAAAU CUGAUUAG CCGAN AAAUCUCU 15687 2838 AGUAUUU A UUUGCAC 379 GUCAAAU CUGAUUAG CCGAN AAAUCUCU 15687 2838 AGUAUUU A UUUGCAC 379 GUCAAAU CUGAUUAG CCGAUUAG CCGAN AAAUCUCU 15687 2840 UUJUUTAU U UUGCACCAG 381 CUGGUUCA CUGAUUAG CCGAUUAG CCGAN AAAUCUCU 15687 2841 AUUUUUTAU U UGCACCAG 381 CUGGUUCA CUGAUUAG CCGAUUAG CCGAN AAAUACUU 15689 2851 CACAAACU C GCCACAA 383 UUJUUGC CUGAUUAG CCGAUUAG CCGAN AAAUAAAUA 15689 2867 CACACCCU U UUGUGUUGU CUCAUUAG CCGAUUAG CCGAN AAAUAAAUA 15699 2868 AACACCAC U UUGUGUUGU CUCAUUAG CCGAUUAG CCGAUUAG CCGAN AAAUAAAUA 15693 2874 UUJUUGUU U GUGUUUGU CUCAUUAG CAAAUACU CUGAUUAG CCGAUUAG CCGAUU	2833	GAAAGAGU A UUUUAUUU	376		
2838 AGUARDEU DI AUUUGCAC 379 GUICGARD CURAURAG GCGUURAGE CARA ARAURCUI 15697 2848 AGUARDUU A UUUGCAC 381 CUIGUIGA CURAURAG GCGUURAGE CARA ARAURCUI 15698 2840 UAUUUURA UU GCCACCAG 381 CUIGUIGA CURAURAG GCGUURAGE CARA ARAURCUI 15698 2841 NUTUURA UU GCCACCAG 381 CUIGUIGAC CURAURAG GCGUURAGE CARA ARAURCUI 15698 2851 CCACARA 383 UUUUGUIGA CURAURAG GCGUURAGE CARA ARAURCUI 15691 2867 CARACCAC U UUGUIGA 385 UURUGUIGA CURAURAG GCGUURAGE CARA ARAURAGUI 15691 2868 MACACCAC U UUGUIGA 385 CUCACCAC CURAURAG GCGUURAGE CARA ARAURCUIC 15691 2874 UUUUGUIGA U GADGGOCC 386 GARCACCAC CURAURAG GCGUURAGE CARA ARAURCUIC 15691 2872 TUUUGUIGA U GADGGOCC 386 GARCACCAC CURAURAG GCGUURAGE CARA ARAURCUIC 15691 2873 UUUGUIGA CARACCAC 386 GARCACCAC CURAURAG GCGUURAGE CARA ARAURCUIC 15691 2879 AGRARIGO C CORAURCAC 386 GUICACCC CURAURAG GCGUURAGE CARA ARAURCUIC 15694 2879 AGRARIGO C CORAURAG 386 CUIGAUGA GCGUURAGE CARA ARAURCUIC 15694 2870 GUICAGAC C CRAURAG 386 CUIGAUGA GCGUURAGE CARA ARAURCUIC 15696 2871 AUGUGGAC C CORAURAG 400 4	2835	AAGAGUAU U UUAUUUGC	377	GCAAAUAA CUGAUGAG GCCGUUAGGC CGAA AUACUCUU	
1858	2836	AGAGUAUU U UAUUUGCA	378	UGCAAAUA CUGAUGAG GCCGUUAGGC CGAA AAUACUCU	15686
1841 AUTURIAN II U GOCACCAG 381	2837	GAGUAUUU U AUUUGCAC	379	GUGCAAAU CUGAUGAG GCCGUUAGGC CGAA AAAUACUC	15687
2881 AUJUUNAU U GOACCASA 382 UUUGUIGG CUARANG GCGUURAGG CAA AAUAAAAU 15890 28851 CAAACCA UUGUIGG CUARANGA GCGUURAGG COMA AGUICUGA 15891 28867 CAACACCU U UUUGUUGU 384 UUGUIGGU CUARANGA GCGUURAGG CAA AGUICUGA 15892 28867 AACACCU U UUUGUUGU 15893 28867 AACACCU U UUUGUUGU 15893 28867 AACACCU UUGUUGA CUARANGA GCGUURAGG CAA AACACCAA 15894 28891 UUGUIGGU C CAACACCA 387 GGACCAUC CUARANGA GCCGUURAGG CAA ACCACAA 15894 28997 AAGUICUC C CAACACCA 387 GGACCACC CUARANGA GCCGUURAGG CAA ACCACAA 15894 28997 AAGUICUC C CAACACCA 388 CUARACCC CUARANGA GCCGUURAGG CAA ACCACAA 15894 28997 AAGUICUC C CAACACCA 389 CAACACCA CUARANGA GCCGUURAGG CAA ACCACAA 15895 28997 AAGUICUCA CAACACCA CUARANGA GCCGUURAGG CAA ACCACAA 15895 2917 AUCCACAC C CAACACCA 2890 CAACACCA C CUARANGA GCCGUURAGG CAA ACCACACA 15891 2911 CUARANGA CAUCCURA 390 CCAACACCA C CUARANGA GCCGUURAGG CAA ACCACACA 15891 2917 AUCCACAC C UAACACA C CUARANGA GCCGUURAGG CAA ACCACACA 15902 2927 CAACACCA C CUARANGA GCCGUURAGG CAA ACCACACA 15902 2928 AAUACCU	2838	AGUAUUUU A UUUGCACC	380	GGUGCAAA CUGAUGAG GCCGUUAGGC CGAA AAAAUACU	15688
2853	2840	UAUUUUAU U UGCACCAG	381	CUGGUGCA CUGAUGAG GCCGUUAGGC CGAA AUAAAAUA	15689
2866		AUUUUAUU U GCACCAGA	382		15690
1866				UUGUUGGC CUGAUGAG GCCGUUAGGC CGAA AGUUCUGG	15691
1871 UUUGUIGU U GANGGUCC 386 GACCAUC CUGAUGAG GCCGUUAGGC CGAA ACCACAAA 15594					15692
2899 MOGRANDIC C CGACACCC 387 GOUCUICCE CUARINGA GOCCUITAGEC CORA ACCALCAA 15695					
2899					
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1923 CUUGGAAU A GCUUAGAA 192 UUCUAAGC CUGAUGAG GCGUUAGGC CGAA AUUCCAAG 15701		 			
1997 GAAUAGCU U AGAAGUGG 393 CCACUUCU CUGAUGAG GCCGUUAGGC CGAA AGCUAUCC 15701 15702 15703 15702 15703 157					
1928 ANUAGCIU A GAAGUGGA 394 UCCACUUC CUGAUGAG GCCGUUAGGC CORA AAGCUAUU 15702 2941 UGGAGGAU U UGGAUUUU 395 AAAUCCAA CUGAUGAG GCCGUUAGGC CORA AAUCCUCA 15703 2942 GGAGGAUU U UGGAUUUG 396 CAAAUCCA CUGAUGAG GCCGUUAGGC CORA AAUCCUCC 15704 2948 UUUUGGAU U UGGUCUCA 398 UGAGACCA CUGAUGAG GCCGUUAGGC CORA AAUCCUCA 15704 2948 UUUUGGAU U UGUCUCAC 399 GUGAGCCA CUGAUGAG GCCGUUAGGC CORA AAUCCUCA 15705 2949 UUUGGAU U UGUCUCAC 399 GUGAGCCA CUGAUGAG GCCGUUAGGC CORA AAUCCUCAAA 15707 2953 GAUUUGGAU U CUCACAGC 400 GCUGGUGG CUGAUGAG GCCGUUAGGC CORA AAUCCUCAAA 15707 2953 GAUUUGGAU U CUCACAGC 401 GUGCUGGU CUGAUGAG GCCGUUAGGC CORA AAUCCAAA 15708 2955 UUUGGAU CUCACAGCAC 401 GUGCUGGU CUGAUGAG GCCGUUAGGC CORA AAUCCAAA 15709 2955 CCAGCACU C GGAUGUUC 402 GAACAUCC CUGAUGAG GCCGUUAGGC CORA AGCCAAAA 15709 2972 UCGGAUGU U CUCAGAG GUGAUGAG GCCGUUAGGC CORA AGCCAAAA 15709 2972 UCGGAUGU U CUCAGAGG 403 CCUUCAGG CUGAUGAG GCCGUUAGGC CORA AGCCACAC 401 GUGCUGGU CUCAGGG CORA ACCUCCGG 15712 2972 CCGGAUGUU C CUGAAGGG 403 CCUUCAGG CUGAUGAG GCCGUUAGGC CORA ACCUCCGG 15712 2972 CCGGAUGUU C CUGAAGGG 403 CCUUCAGG CUGAUGAG GCCGUUAGGC CORA ACCUCCGG 15712 2972 CCGGAUGUU C CUGAAGGG 405 CCUUCUCU CUGAUGAG GCCGUUAGGC CORA ACCUCCGG 15712 2972 CCGGAUGUU C CUGAAGGG 405 CCUUCUCU CUGAUGAG GCCGUUAGGC CORA ACCUCCGG 15712 2972 CCGGAUGUU C CUGAAGGG 405 CCUUCUCU CUGAUGAG GCCGUUAGGC CORA ACCUCCGG 15712 2972 CCGGAUGUU C CUGAUGAG CCGUUAGGC CORA ACCUCCGG 15713 2011 AUUGCAAU C AUUGCAAU CUGAUGAG GCCGUUAGGC CORA ACCUCCGU 15716 2011					
1991		<u> </u>			
19942 GAGGAUU U UGGAUUUG 395 CANAUCC CUGAUGAG GCCGUUAGGC CGAR AAUCCUCC 15705					
2948	2942	GGAGGAUU U UGGAUUUG	396		
2949	2943	GAGGAUUU U GGAUUUGG	397	CCAAAUCC CUGAUGAG GCCGUUAGGC CGAA AAAUCCUC	
2953 GNUUUGGU C UCACCAGC 400 GCUGGUGA CUGAUGAG GCCGUUAGGC CGAA ACACAAUC 15708 2955 UUUGGUCU C ACCAGCAC 401 GUGCUGGU CUGAUGAG GCCGUUAGGC CGAA ACACCAAA 15709 2956 CAGCACAU C GGAUGUUC 402 GAACAUCC CUGAUGAG GCCGUUAGGC CGAA ACACCAAA 15709 2972 UCGGAUGU C CUGAAGG 403 CCUUCAG CUGAUGAG GCCGUUAGGC CGAA ACAUCCGA 15711 2973 CGGAUGUU C CUGAAGGU 404 ACCUUCAG CUGAUGAG GCCGUUAGGC CGAA ACAUCCGA 15712 2973 CGGAUGUU C CUGAAGGU 404 ACCUUCAG CUGAUGAG GCCGUUAGGC CGAA ACAUCCGA 15713 2973 CGGAUGUU C CUGAAGGU 404 ACCUUCAG CUGAUGAG GCCGUUAGGC CGAA ACAUCCGA 15713 2973 CGGAUGUU C GAAGAGAGA 405 CCUUCUCU CUGAUGAG GCCGUUAGGC CGAA ACAUCCGA 15713 3011 AUGUGACU C GAAGAGACA 406 UGAUCUCAU CUGAUGAG GCCGUUAGGC CGAA ACUUCCAA 15713 3012 AAGAUCAU U GGAACGGC 408 GCCGUUCCCC CUGAUGAG GCCGUUAGGC CGAA ACUCUCCAA 15713 3021 AAGAUCAU U GGAACGGC 408 GCCGUUCCCC CUGAUGAG GCCGUUAGGC CGAA AUGAUCUU 15716 3033 ACGCCIGU C AAGAACAA 409 UUGUUCUU CUGAUGAG GCCGUUAGGC CGAA AUGAUCUU 15716 3044 GAACACU U GGCGAUCCC 410 GGAUCGCC CUGAUGAG GCCGUUAGGC CGAA AUGAUCUU 15718 3051 UUGGGGAU C CACAGUGA 411 UCACUGUU CUGAUGAG GCCGUUAGGC CGAA AUCACCCAA 15719 3065 UGACCUGU C CUGAUGAG 412 UCCAAUGA GCCGUUAGGC CGAA AUCACCAA 15719 3075 UUGUCCUAU U GGAUUGAA 414 UUCAAUGC CUGAUGAG GCCGUUAGGC CGAA AUCACCAA 15720 3076 UGUCCUAU U GGAUUGAA 414 UUCAAUGC CUGAUGAG GCCGUUAGGC CGAA AUCACCAA 15721 3077 UUGUCCUAU U GAAUGAA 415 CUGCUUU CUGAUGAG GCCGUUAGGC CGAA AUCACCAA 15721 3078 AGCAGGCU C AAUGAUGA 415 CUGCUCU CUGAUGAG GCCGUUAGGC CGAA AUCACCAA 15721 3079 UUGUCCUAU U GAAUGAG 415 CUGCUCCC CUGAUGAG GCCGUUAGGC CGAA AUCACCC 15727 3075 UAUUGAGU U GAAAGGC 418 GCCCUUU CUGAUGAG GCCGUUAGGC CGAA AUCACUC 15727 3116 GGCAGGUU C CAAUGAAG 417 CUUCCACG CUGAUGAG GCCGUUAGGC CGAA AUCACUC 15727 3117 AGCCAGCU C CAAUGAAG 419 UCACCACC CUGAUGAG GCCGUUAGGC CGAA AUCACUC 15727 3118 GGGCAGUU C CUGAUGAG	2948	UUUUGGAU U UGGUCUCA	398	UGAGACCA CUGAUGAG GCCGUUAGGC CGAA AUCCAAAA	15706
2955 UUUGGUCU C ACCAGCAC 401 GUGCUGGU C UGAUGAG GCCGUNAGGC CGAA AGACCAAA 15709 2955 CCAGCACU C GGAUGUUC 402 GAACAUCC CUGAUGAG GCCGUNAGGC CGAA AGACCCAAA 15710 2975 UCGGAUGU C CUGAAAGG 403 CAUCLAGG CUGAUGAGG CGCGUNAGGC CGAA ACAUCCGA 15711 2973 CGGAUGUU C CUGAAGGU 404 ACCUUCAG CUGAUGAG GCCGUNAGGC CGAA ACAUCCGA 15712 2982 CUGAAGGU C AGAGAGAG 405 CUCUCUCU CUGAUGAG GCCGUNAGGC CGAA ACAUCCGA 15713 3011 ANGUGACU C GAAGAUCA 406 GUGAUCUU CUGAUGAG GCCGUNAGGC CGAA AUCUUCGA 15715 3012 AAGAUCAU U GGAAGGC 408 GCCGUUC CUGAUGAG GCCGUNAGGC CGAA AUCUUCGA 15715 3021 AAGAUCAU U GGACGC 408 GCCGUUC CUGAUGAG GCCGUNAGGC CGAA ACAGCCC 15717 3033 ACGGCUGU C AGAGACAA 410 GGAUCGC CUGAUGAG GCCGUNAGGC CGAA ACAGCCAA 15718 3051 UUGACGAU C CACAGUGA 411 UCCAAUGA GCCGUNAGG CGCGUNAGGC CGAA ACAGGUCA 15719 3052 UGACCUUC C CUAUGAGA 412 UCCAAUGA GCCGUNAGG CGCGUNAGGC CGAA ACAGGUCA 15718 3053 C	2949	UUUGGAUU U GGUCUCAC	399	GUGAGACC CUGAUGAG GCCGUUAGGC CGAA AAUCCAAA	15707
2965 CCAGCACU C CGAUGUUC 402 GAACAUCC CUGAUGAG CCCUUAGAG CCGUUAGC CGAUGAGC CGA AGUGCUG 15711 2973 UCGAUGU U CUUAAAGG 403 CCUUCAGG CUGAUGAGC CGA AACAUCCG 15711 2982 CUGAAGGU C CAGAGAGG 404 ACCUUCAG CUGAUGAG CCGUUAGGC CGA AACAUCCAG 15713 3011 AUGGACU C GAAGAGAC 406 UGAUCUU CUGAUGAG GCCGUUAGGC CGA ACCUUCAG 15713 3018 UCGAAGAU C AUGGACAC 407 GUUCCAU CUGAUGAG GCCGUUAGC CGA AUCUCCA 15715 3021 AAGAUCAU U GGAACGC 408 GCCGUUCC CUGAUGAG GCCGUUAGG CGA AUGUCCA 15716 3033 ACGCCUGU C GAGACACU 410 GGAUCCC CUGAUGAG GCCGUUAGG CGAA AUGUCUC 15716 3044 GAACAACU U GGCAUUAGC 410 GGAUCCUGA 411 UCCAAUAG CUGAUGAG CCGUUAGGA ACGCCUUC 412 CCCAUGCCU AUGACACA	2953	GAUUUGGU C UCACCAGC	400	GCUGGUGA CUGAUGAG GCCGUUAGGC CGAA ACCAAAUC	15708
2972		UUUGGUCU C ACCAGCAC	401	GUGCUGGU CUGAUGAG GCCGUUAGGC CGAA AGACCAAA	15709
2973 CGGAUGUU C CUGAAGGU 404 ACCUUCAG CUGAUGAG CCGUUAGG CGAA AACAUCCG 15712 2982 CUGAAGGU C AGAGAGAG 405 CUCUCUCU CUGAUGAG GCCGUUAGGC CGAA AACAUCCA 15713 3011 AUGUGAACU C GAAGAUCA 406 UGAUCUC CUGAUGAG GCCGUUAGGC CGAA AUCUCCA 15714 3012 AAGACAU C AUUGGAAC 407 GUUCCAU CUGAUGAG GCCGUUAGGC CGAA AUGUCCA 15715 3021 AAGACAU U GGAACAA 409 UUGUUCUU CUGAUGAG GCCGUUAGGC CGAA AUGUCCU 15716 3044 GAACAACU U GGCAUCCA 410 GGAUCGC CUGAUGAG GCCGUUAGG CGAA AUGUCUU 15718 3051 UUGACAUU GGCAUUAG 411 UCCAAUAG GCCGUUAGG CGAA AUGCCAA 15719 3065 UGACUGUU C CUAUUGGA 412 UCCAAUAG GCCGUUAGGC CGAA AUGCCAA 15722 3076 UGUCCUAU U GAAUGAAA 414 UUCACCA CUGAUGAG GCCGUUAGC <td></td> <td></td> <td></td> <td></td> <td>15710</td>					15710
2982 CUGAAGGU C AGAGAGA 405 CUCUCUCU CUGAUGAG GCCGUNAGGC CGAA ACCUUCAG 15713 3011 AUGUGACU C GAAGAUCA 406 DEADUCUC CUGAUGAG GCCGAA AGUCACAU 15713 3011 AUGGAAGAU C AUUGGAAC 407 GAUCCAAU CUGAUGAGG GCCGAA AGUCACAU 15714 3021 AAGAUCAU U GGAACCAC 408 GCCGUUCC CUGAUGAG GCCGUUAGGC CGAA AUCAUCUU 15715 3033 ACGGCUGU C AGAACCAA 409 UUGUUCUU CUGAUGAG GCCGUUAGGC CGAA ACAGCCGU 15717 3044 GAACAACU U GGCGAUCC 410 GGAUCGC C CUGAUGAG GCCGUUAGGC CGAA AGUGUUCU 15718 3051 UUGGCGAU C CACAGUGA 411 UCCCAAUAG CUGAUGAG GCCGUUAGGC CGAA ACAGGUCA 15719 3068 CCUGUCCU A UUGGAUUG 412 UCCAAUAG CUGAUGAG GCCGUUAGGC CGAA ACAGGUCA 15721 3070 UUUCCUAU U GGAUGAUG 413 CAAUCCAA CUGAUGAG GCCGUUAGGC CGAA ACAGGUCA 15722 3075 UAUUGGU U GAAAGCAG 415 CUGCUUUC CUGAUGAG GCCGUUAGGC CGAA AUCCAAUA 15723 3087 AGCAGGCU C AAUGAUAC 416 GUAUCAUU CUGAUGAG GCCGUUAGGC CGAA AUCCAAUA 15723 3105 UGGAAGGU U GAAA					15711
3011 AUGUGACU C GAAGAUCA 406					
3018					
3021 AAGAUCAU U GGAACGGC 408 GCCGUUCC CUGAUGAG GCCGUUAGGC GAA AUGAUCUU 15716 3033 ACGGCUGU C AAGACAA 409 UUGUUCUU CUGAUGAG GCCGUUAGGC GAA ACAGCCGU 15717 3044 GAACAACU U GGCGAUCC 410 GGAUCGC CUGAUGAG GCCGUUAGGC GCAA ACUUCCCCA 3051 UUGGCGAU C CACAGUGA 411 UCACUGUU CUGAUGAG GCCGUUAGGC GCAA ACUUGCCCA 15718 3065 UUGACCUGU C CUADUGGA 412 UCCAAUAG CUGAUGAG GCCGUUAGGC GCAA ACUGGCCAA 15720 3068 CCUGUCCU A UUGGAUUGA 414 UUCAAUAG CUGAUGAG GCCGUUAGGC GCAA ACAGGUCA 15721 3070 UUGUCCUDA U GGAUUGAA 414 UUCAAUACC CUGAUGAG GCCGUUAGGC GCAA AUGAGCAG 15721 3075 UAUUGGAU U GAAUGAA 414 UUCAAUACC CUGAUGAG GCCGUUAGGC GCAA AUCCAAUA 15723 3087 AGCAGGCU C AUGAUACA 416 GUAUCAUU CUGAUGAG GCCGUUAGGC GCAA AUCCAAUA 15723 3087 AGCAGGCU C AUGAUACA 416 GUAUCAUU CUGAUGAG GCCGUUAGGC GCAA AUCCAAUA 15725 3105 UUGAAUGU A CUUGGAGG 417 CUUCCACG CUGAUGAG GCCGUUAGGC GCAA AUCCAUUGA 15726 3117 AGGCCAGU U CUGAGUGA 419 UCACCCAG CUGAUGAG GCCGUUAGGC GCAA AUCAUUGA 15725 3118 GGCAGUU C UGGGUGAA 419 UCACCCAG CUGAUGAG GCCGUUAGGC GCAA ACUGCCCU 15727 3118 GGGCAGUU C UGGGUGAA 420 UUCACCCA CUGAUGAG GCCGUUAGGC GCAA ACUGCCCU 15728 3129 GGUGAAGU C AUGUACGU 422 ACGUACAU CUGAUGAG GCCGUUAGGC GCAA ACUUCACC 15728 3134 AGUCAAUU C AUGUACGU 422 ACGUACAU CUGAUGAG GCCGUUAGGC GCAA ACUUCACC 15729 3134 AGUCAAUU C AUGUACGU 422 ACGUACAU CUGAUGAG GCCGUUAGGC GCAA ACUUCACC 15729 3135 AAUCAUGU A CUUGAGG 424 ACGUACAU CUGAUGAG GCCGUUAGGC GCAA ACUUCACC 15729 3136 GACAUCCU U GUAGGGGG 425 CCGCCAC CUGAUGAG GCCGUUAGGC GCAA ACUUCACC 15731 3157 AGACCCU U GUAGGGGG 425 CGCCCAC CUGAUGAG GCCGUUAGGC GCAA ACUUCACC 15731 3157 AGACGCAU A CCUUGAGA 426 GUAGUAC CUGAUGAG GCCGUUAGGC GCAA ACUCACUC 15736 3191 GAUGACAU					
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3177 GAUGGAAU C CUUGAGAG 426 CUCUCAAG CUGAUGAG GCCGUUAGGC CGAA AUUCCAUC 15734 3180 GGAAUCCU U GAGAGUGA 427 UCACUCUC CUGAUGAG GCCGUUAGGC CGAA AGGAUUCC 15735 3191 GAGUGACU U GAUAAUAC 428 GUAUUAUC CUGAUGAG GCCGUUAGGC CGAA AGGAUUCC 15736 3195 GACUUGAU A AUACCAGU 429 ACUGGUAU CUGAUGAG GCCGUUAGGC CGAA AGUCACUC 15736 3198 UUGAUAAU A CCAGUCAC 430 GUGACUGG CUGAUGAG GCCGUUAGGC CGAA AUCAAGUC 15737 3198 UUGAUAAU A CCAGUCAC 430 GUGACUGG CUGAUGAG GCCGUUAGGC CGAA AUUAUCAA 15738 3204 AUACCAGU C ACACUGGC 431 GCCAGUGU CUGAUGAG GCCGUUAGGC CGAA ACUGGUAU 15739 3229 GAAGCAAU C ACAAUCGG 432 CCGAUUGU CUGAUGAG GCCGUUAGGC CGAA AUUGCUUC 15740 3235 AUCACAAU C GGAGACCU 433 AGGUCUCC CUGAUGAG GCCGUUAGGC CGAA AUUGUGAU 15741 3248 ACCUGGGU A CAAGACAC 434 GUGUCUUG CUGAUGAG GCCGUUAGGC CGAA ACCCAGGU 15742 3288 GGCCGGGU A GAGAUUGA 435 UCAAUCUC CUGAUGAG GCCGUUAGGC CGAA ACCCAGGU 15743 3294 GUAGAGAU U GACUUCGA 436 UCGAAGUC CUGAUGAG GCCGUUAGGC CGAA ACCCAGCC 15743 3299 GAUUGACU U CGAUUACU 437 AGUAAUCG CUGAUGAG GCCGUUAGGC CGAA ACCCAGCC 15744					
3180 GGAAUCCU U GAGAGUGA 427 UCACUCUC CUGAUGAG GCCGUUAGGC CGAA AGGAUUCC 15735 3191 GAGUGACU U GAUAAUAC 428 GUAUUAUC CUGAUGAG GCCGUUAGGC CGAA AGUCACUC 15736 3195 GACUUGAU A AUACCAGU 429 ACUGGUAU CUGAUGAG GCCGUUAGGC CGAA AUCAAGUC 15737 3198 UUGAUAAU A CCAGUCAC 430 GUGACUGG CUGAUGAG GCCGUUAGGC CGAA AUUAUCAA 15738 3204 AUACCAGU C ACACUGGC 431 GCCAGUGU CUGAUGAG GCCGUUAGGC CGAA AUUAUCAA 15738 3229 GAAGCAAU C ACACUGGC 432 CCGAUUGU CUGAUGAG GCCGUUAGGC CGAA ACUGGUAU 15739 3229 GAAGCAAU C GGAGACCU 433 AGGUCUCC CUGAUGAG GCCGUUAGGC CGAA AUUGCUUC 15740 3235 AUCACAAU C GGAGACCU 433 AGGUCUCC CUGAUGAG GCCGUUAGGC CGAA AUUGUGAU 15741 3248 ACCUGGGU A CAAGACAC 434 GUGUCUUG CUGAUGAG GCCGUUAGGC CGAA ACCCAGGU 15742 3288 GGCCGGGU A GAGAUUGA 435 UCAAUCUC CUGAUGAG GCCGUUAGGC CGAA ACCCAGGU 15743 3294 GUAGAGAU U GACUUCGA 436 UCGAAGUC CUGAUGAG GCCGUUAGGC CGAA ACCCAGCC 15743 3299 GAUUGACU U CGAUUACU 437 AGUAAUCG CUGAUGAG GCCGUUAGGC CGAA AUCUCUAC 15744					
3191 GAGUGACU U GAUAAUAC 428 GUAUUAUC CUGAUGAG GCCGUUAGGC CGAA AGUCACUC 15736 3195 GACUUGAU A AUACCAGU 429 ACUGGUAU CUGAUGAG GCCGUUAGGC CGAA AUCAAGUC 15737 3198 UUGAUAAU A CCAGUCAC 430 GUGACUGG CUGAUGAG GCCGUUAGGC CGAA AUUAUCAA 15738 3204 AUACCAGU C ACACUGGC 431 GCCAGUGU CUGAUGAG GCCGUUAGGC CGAA ACUGGUAU 15739 3229 GAAGCAAU C ACAAUCGG 432 CCGAUUGU CUGAUGAG GCCGUUAGGC CGAA ACUGGUAU 15740 3235 AUCACAAU C GGAGACCU 433 AGGUCUCC CUGAUGAG GCCGUUAGGC CGAA AUUGUGUU 15740 3248 ACCUGGGU A CAAGACAC 434 GUGUCUUG CUGAUGAG GCCGUUAGGC CGAA ACCCAGGU 15742 3288 GGCCGGGU A GAGAUUGA 435 UCAAUCUC CUGAUGAG GCCGUUAGGC CGAA ACCCAGGU 15743 3294 GUAGAGAU U GACUUCGA 436 UCGAAGUC CUGAUGAG GCCGUUAGGC CGAA ACCCAGCC 15743 3299 GAUUGACU U CGAUUACU 437 AGUAAUCG CUGAUGAG GCCGUUAGGC CGAA ACCCAGCC 15744					
3195 GACUUGAU A AUACCAGU 429 ACUGGUAU CUGAUGAG GCCGUUAGGC CGAA AUCAAGUC 15737 3198 UUGAUAAU A CCAGUCAC 430 GUGACUGG CUGAUGAG GCCGUUAGGC CGAA AUUAUCAA 15738 3204 AUACCAGU C ACACUGGC 431 GCCAGUGU CUGAUGAG GCCGUUAGGC CGAA ACUGGUAU 15739 3229 GAAGCAAU C ACAAUCGG 432 CCGAUUGU CUGAUGAG GCCGUUAGGC CGAA ACUGGUAU 15740 3235 AUCACAAU C GGAGACCU 433 AGGUCUCC CUGAUGAG GCCGUUAGGC CGAA AUUGUGAU 15741 3248 ACCUGGGU A CAAGACAC 434 GUGUCUUG CUGAUGAG GCCGUUAGGC CGAA ACCCAGGU 15742 3288 GGCCGGGU A GAGAUUGA 435 UCAAUCUC CUGAUGAG GCCGUUAGGC CGAA ACCCAGGU 15743 3294 GUAGAGAU U GACUUCGA 436 UCGAAGUC CUGAUGAG GCCGUUAGGC CGAA ACCCGGCC 15743 3299 GAUUGACU U CGAUUACU 437 AGUAAUCG CUGAUGAG GCCGUUAGGC CGAA ACCCAAUC 15744					
3198 UUGAUAAU A CCAGUCAC 430 GUGACUGG CUGAUGAG GCCGUUAGGC CGAA AUUAUCAA 15738 3204 AUACCAGU C ACACUGGC 431 GCCAGUGU CUGAUGAG GCCGUUAGGC CGAA ACUGGUAU 15739 3229 GAAGCAAU C ACAAUCGG 432 CCGAUUGU CUGAUGAG GCCGUUAGGC CGAA AUUGCUUC 15740 3235 AUCACAAU C GGAGACCU 433 AGGUCUCC CUGAUGAG GCCGUUAGGC CGAA AUUGUGAU 15741 3248 ACCUGGGU A CAAGACAC 434 GUGUCUUG CUGAUGAG GCCGUUAGGC CGAA ACCCAGGU 15742 3288 GGCCGGGU A GAGAUUGA 435 UCAAUCUC CUGAUGAG GCCGUUAGGC CGAA ACCCAGGC 15743 3294 GUAGAGAU U GACUUCGA 436 UCGAAGUC CUGAUGAG GCCGUUAGGC CGAA AUCUCUAC 15744 3299 GAUUGACU U CGAUUACU 437 AGUAAUCG CUGAUGAG GCCGUUAGGC CGAA AUCUCUAC 15745					
3204 AUACCAGU C ACACUGGC 431 GCCAGUGU CUGAUGAG GCCGUUAGGC CGAA ACUGGUAU 15739 3229 GAAGCAAU C ACAAUCGG 432 CCGAUUGU CUGAUGAG GCCGUUAGGC CGAA AUUGCUUC 15740 3235 AUCACAAU C GGAGACCU 433 AGGUCUCC CUGAUGAG GCCGUUAGGC CGAA AUUGUGAU 15741 3248 ACCUGGGU A CAAGACAC 434 GUGUCUUG CUGAUGAG GCCGUUAGGC CGAA ACCCAGGU 15742 3288 GGCCGGGU A GAGAUUGA 435 UCAAUCUC CUGAUGAG GCCGUUAGGC CGAA ACCCAGGU 15743 3294 GUAGAGAU U GACUUCGA 436 UCGAAGUC CUGAUGAG GCCGUUAGGC CGAA AUCUCUAC 15744 3299 GAUUGACU U CGAUUACU 437 AGUAAUCG CUGAUGAG GCCGUUAGGC CGAA AGUCAAUC 15745	3198	UUGAUAAU A CCAGUCAC			
3229 GAAGCAAU C ACAAUCGG 432 CCGAUUGU CUGAUGAG GCCGUUAGGC CGAA AUUGCUUC 15740 3235 AUCACAAU C GGAGACCU 433 AGGUCUCC CUGAUGAG GCCGUUAGGC CGAA AUUGUGAU 15741 3248 ACCUGGGU A CAAGACAC 434 GUGUCUUG CUGAUGAG GCCGUUAGGC CGAA ACCCAGGU 15742 3288 GGCCGGGU A GAGAUUGA 435 UCAAUCUC CUGAUGAG GCCGUUAGGC CGAA ACCCAGGC 15743 3294 GUAGAGAU U GACUUCGA 436 UCGAAGUC CUGAUGAG GCCGUUAGGC CGAA AUCUCUAC 15744 3299 GAUUGACU U CGAUUACU 437 AGUAAUCG CUGAUGAG GCCGUUAGGC CGAA AGUCAAUC 15745	3204	AUACCAGU C ACACUGGC			
3235 AUCACAAU C GGAGACCU 433 AGGUCUCC CUGAUGAG GCCGUUAGGC CGAA AUUGUGAU 15741 3248 ACCUGGGU A CAAGACAC 434 GUGUCUUG CUGAUGAG GCCGUUAGGC CGAA ACCCAGGU 15742 3288 GGCCGGGU A GAGAUUGA 435 UCAAUCUC CUGAUGAG GCCGUUAGGC CGAA ACCCAGGC 15743 3294 GUAGAGAU U GACUUCGA 436 UCGAAGUC CUGAUGAG GCCGUUAGGC CGAA AUCUCUAC 15744 3299 GAUUGACU U CGAUUACU 437 AGUAAUCG CUGAUGAG GCCGUUAGGC CGAA AGUCAAUC 15745	3229	GAAGCAAU C ACAAUCGG	432		
3288 GGCCGGGU A GAGAUUGA 435 UCAAUCUC CUGAUGAG GCCGUUAGGC CGAA ACCCGGCC 15743 3294 GUAGAGAU U GACUUCGA 436 UCGAAGUC CUGAUGAG GCCGUUAGGC CGAA AUCUCUAC 15744 3299 GAUUGACU U CGAUUACU 437 AGUAAUCG CUGAUGAG GCCGUUAGGC CGAA AGUCAAUC 15745	3235	AUCACAAU C GGAGACCU	433	AGGUCUCC CUGAUGAG GCCGUUAGGC CGAA AUUGUGAU	
3294 GUAGAGAU U GACUUCGA 436 UCGAAGUC CUGAUGAG GCCGUUAGGC CGAA AUCUCUAC 15744 3299 GAUUGACU U CGAUUACU 437 AGUAAUCG CUGAUGAG GCCGUUAGGC CGAA AGUCAAUC 15745			434	GUGUCUUG CUGAUGAG GCCGUUAGGC CGAA ACCCAGGU	
3299 GAUUGACU U CGAUUACU 437 AGUAAUCG CUGAUGAG GCCGUUAGGC CGAA AGUCAAUC 15745				UCAAUCUC CUGAUGAG GCCGUUAGGC CGAA ACCCGGCC	15743
13743				······································	15744
	3299	GAUUGACU U CGAUUACU	437		15745

Table III

3300	AUUGACUU C GAUUACUG	438	CAGUAAUC CUGAUGAG GCCGUUAGGC CGAA AAGUCAAU	15746
3304	ACUUCGAU U ACUGCCCA	439	UGGGCAGU CUGAUGAG GCCGUUAGGC CGAA AUCGAAGU	15747
3305	CUUCGAUU A CUGCCCAG	440	CUGGGCAG CUGAUGAG GCCGUUAGGC CGAA AAUCGAAG	15748
3319	CAGGAACU A CGGUCACC	441	GGUGACCG CUGAUGAG GCCGUUAGGC CGAA AGUUCCUG	15749
3324	ACUACGGU C ACCCUGAG	442	CUCAGGGU CUGAUGAG GCCGUUAGGC CGAA ACCGUAGU	15750
3364	CUGCCACU C GCACCACC	443	GGUGGUGC CUGAUGAG GCCGUUAGGC CGAA AGUGGCAG	15751
3389	CGGAAAGU U GAUAACAG	444	CUGUUAUC CUGAUGAG GCCGUUAGGC CGAA ACUUUCCG	15752
	AAGUUGAU A ACAGAUUG	445	CAAUCUGU CUGAUGAG GCCGUUAGGC CGAA AUCAACUU	15753
3393				
3400	UAACAGAU U GGUGCUGC	446	GCAGCACC CUGAUGAG GCCGUUAGGC CGAA AUCUGUUA	15754
3422	CUGCACCU U ACCACCAC	447	GUGGUGGU CUGAUGAG GCCGUUAGGC CGAA AGGUGCAG	15755
3423	UGCACCUU A CCACCACU	448	AGUGGUGG CUGAUGAG GCCGUUAGGC CGAA AAGGUGCA	15756
3437	ACUGCGCU A CCAAACUG	449	CAGUUUGG CUGAUGAG GCCGUUAGGC CGAA AGCGCAGU	15757
3457	GCGGCUGU U GGUAUGGU	450	ACCAUACC CUGAUGAG GCCGUUAGGC CGAA ACAGCCGC	15758
3461	CUGUUGGU A UGGUAUGG	451	CCAUACCA CUGAUGAG GCCGUUAGGC CGAA ACCAACAG	15759
3466	GGUAUGGU A UGGAGAUC	452	GAUCUCCA CUGAUGAG GCCGUUAGGC CGAA ACCAUACC	15760
3474	AUGGAGAU C AGACCACA	453	UGUGGUCU CUGAUGAG GCCGUUAGGC CGAA AUCUCCAU	15761
3504	AAGACCCU C GUGCAGUC	454	GACUGCAC CUGAUGAG GCCGUUAGGC CGAA AGGGUCUU	15762
3512	CGUGCAGU C ACAAGUGA	455	UCACUUGU CUGAUGAG GCCGUUAGGC CGAA ACUGCACG	15763
3526	UGAAUGCU U AUAAUGCU	456	AGCAUUAU CUGAUGAG GCCGUUAGGC CGAA AGCAUUCA	15764
3527	GAAUGCUU A UAAUGCUG	457	CAGCAUUA CUGAUGAG GCCGUUAGGC CGAA AAGCAUUC	15765
3529	AUGCUUAU A AUGCUGAU	458	AUCAGCAU CUGAUGAG GCCGUUAGGC CGAA AUAAGCAU	15766
3538	AUGCUGAU A UGAUUGAC	459	GUCAAUCA CUGAUGAG GCCGUUAGGC CGAA AUCAGCAU	15767
3543	GAUAUGAU U GACCCUUU	460	AAAGGGUC CUGAUGAG GCCGUUAGGC CGAA AUCAUAUC	15768
3550	UUGACCCU U UUCAGUUG	461	CAACUGAA CUGAUGAG GCCGUUAGGC CGAA AGGGUCAA	15769
3551	UGACCCUU U UCAGUUGG	462	CCAACUGA CUGAUGAG GCCGUUAGGC CGAA AAGGGUCA	15770
3552	GACCCUUU U CAGUUGGG	463	CCCAACUG CUGAUGAG GCCGUUAGGC CGAA AAAGGGUC	15771
3553	ACCCUUUU C AGUUGGGC	464	GCCCAACU CUGAUGAG GCCGUUAGGC CGAA AAAAGGGU	15772
3557	UUUUCAGU U GGGCCUUC	465	GAAGGCCC CUGAUGAG GCCGUUAGGC CGAA ACUGAAAA	15773
3564	UUGGGCCU U CUGGUCGU	466	ACGACCAG CUGAUGAG GCCGUUAGGC CGAA AGGCCCAA	15774
3565	UGGGCCUU C UGGUCGUG	467	CACGACCA CUGAUGAG GCCGUUAGGC CGAA AAGGCCCA	15775
3570	CUUCUGGU C GUGUUCUU	468	AAGAACAC CUGAUGAG GCCGUUAGGC CGAA ACCAGAAG	15776
3575	GGUCGUGU U CUUGGCCA	469	UGGCCAAG CUGAUGAG GCCGUUAGGC CGAA ACACGACC	15777
3576	GUCGUGUU C UUGGCCAC	470	GUGGCCAA CUGAUGAG GCCGUUAGGC CGAA AACACGAC	15778
3578	CGUGUUCU U GGCCACCC	471	GGGUGGCC CUGAUGAG GCCGUUAGGC CGAA AGAACACG	15779
3594	CAGGAGGU C CUUCGCAA	472	UUGCGAAG CUGAUGAG GCCGUUAGGC CGAA ACCUCCUG	15780
3597	GAGGUCCU U CGCAAGAG	473	CUCUUGCG CUGAUGAG GCCGUUAGGC CGAA AGGACCUC	15781
3598	AGGUCCUU C GCAAGAGG	474	CCUCUUGC CUGAUGAG GCCGUUAGGC CGAA AAGGACCU	15782
3621	GCCAAGAU C AGCAUGCC	475	GCAUGCU CUGAUGAG GCCGUUAGGC CGAA AUCUUGGC	15783
3634	UGCCAGCU A UACUGAUU	476	AAUCAGUA CUGAUGAG GCCGUUAGGC CGAA AGCUGGCA	15784
3636	CCAGCUAU A CUGAUUGC	477	GCAAUCAG CUGAUGAG GCCGUUAGGC CGAA AUAGCUGG	15785
3642	AUACUGAU U GCUCUGCU	478	AGCAGAGC CUGAUGAG GCCGUUAGGC CGAA AUCAGUAU	
 	UGAUUGCU C UGCUAGUC	479		15786
3646	GCUCUGCU A GUCCUGGU		GACUAGCA CUGAUGAG GCCGUUAGGC CGAA AGCAAUCA	15787
3651		480	ACCAGGAC CUGAUGAG GCCGUUAGGC CGAA AGCAGAGC	15788
3654	CUGCUAGU C CUGGUGUU	481	AACACCAG CUGAUGAG GCCGUUAGGC CGAA ACUAGCAG	15789
3662	CCUGGUGU U UGGGGGCA	482	UGCCCCCA CUGAUGAG GCCGUUAGGC CGAA ACACCAGG	15790
3663	CUGGUGUU U GGGGGCAU	483	AUGCCCCC CUGAUGAG GCCGUUAGGC CGAA AACACCAG	15791
3672	GGGGGCAU U ACUUACAC	484	GUGUAAGU CUGAUGAG GCCGUUAGGC CGAA AUGCCCCC	15792
3673	GGGGCAUU A CUUACACU	485	AGUGUAAG CUGAUGAG GCCGUUAGGC CGAA AAUGCCCC	15793
3676	GCAUUACU U ACACUGAU	486	AUCAGUGU CUGAUGAG GCCGUUAGGC CGAA AGUAAUGC	15794
3677	CAUUACUU A CACUGAUG	487	CAUCAGUG CUGAUGAG GCCGUUAGGC CGAA AAGUAAUG	15795
3689	UGAUGUGU U ACGCUAUG	488	CAUAGCGU CUGAUGAG GCCGUUAGGC CGAA ACACAUCA	15796
3690	GAUGUGUU A CGCUAUGU	489	ACAUAGCG CUGAUGAG GCCGUUAGGC CGAA AACACAUC	15797
3695	GUUACGCU A UGUCAUCU	490	AGAUGACA CUGAUGAG GCCGUUAGGC CGAA AGCGUAAC	15798
3699	CGCUAUGU C AUCUUGGU	491	ACCAAGAU CUGAUGAG GCCGUUAGGC CGAA ACAUAGCG	15799
3702	UAUGUCAU C UUGGUGGG	492	CCCACCAA CUGAUGAG GCCGUUAGGC CGAA AUGACAUA	15800
3704	UGUCAUCU U GGUGGGGG	493	CCCCCACC CUGAUGAG GCCGUUAGGC CGAA AGAUGACA	15801
3718	GGGCAGCU U UCGCAGAA	494	UUCUGCGA CUGAUGAG GCCGUUAGGC CGAA AGCUGCCC	15802
3719	GGCAGCUU U CGCAGAAU	495	AUUCUGCG CUGAUGAG GCCGUUAGGC CGAA AAGCUGCC	15803
3720	GCAGCUUU C GCAGAAUC	496	GAUUCUGC CUGAUGAG GCCGUUAGGC CGAA AAAGCUGC	15804
3728	CGCAGAAU C UAAUUCGG	497	CCGAAUUA CUGAUGAG GCCGUUAGGC CGAA AUUCUGCG	15805
3730	CAGAAUCU A AUUCGGGA	498	UCCCGAAU CUGAUGAG GCCGUUAGGC CGAA AGAUUCUG	15806
3733	AAUCUAAU U CGGGAGGA	499	UCCUCCCG CUGAUGAG GCCGUUAGGC CGAA AUUAGAUU	15807
3734	AUCUAAUU C GGGAGGAG	500	CUCCUCCC CUGAUGAG GCCGUUAGGC CGAA AAUUAGAU	15808

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Table III

				15000
3750	GACGUGGU A CACUUGGC	501	GCCAAGUG CUGAUGAG GCCGUUAGGC CGAA ACCACGUC UGAGCGCC CUGAUGAG GCCGUUAGGC CGAA AGUGUACC	15809
3755	GGUACACU U GGCGCUCA	502		15810
3762	UUGGCGCU C AUGGCGAC	503		15811
3773	GGCGACCU U CAAGAUAC	504	GUAUCUUG CUGAUGAG GCCGUUAGGC CGAA AGGUCGCC	15812
3774	GCGACCUU C AAGAUACA	505	UGUAUCUU CUGAUGAG GCCGUUAGGC CGAA AAGGUCGC	15813
3780	UUCAAGAU A CAACCAGU	506	ACUGGUUG CUGAUGAG GCCGUUAGGC CGAA AUCUUGAA	15814
3791	ACCAGUGU U UAUGGUGG	507	CCACCAUA CUGAUGAG GCCGUUAGGC CGAA ACACUGGU	15815
3792	CCAGUGUU U AUGGUGGC	508	GCCACCAU CUGAUGAG GCCGUUAGGC CGAA AACACUGG	15816
3793	CAGUGUUU A UGGUGGCA	509	UGCCACCA CUGAUGAG GCCGUUAGGC CGAA AAACACUG	15817
3803	GGUGGCAU C GUUUCUCA	510	UGAGAAAC CUGAUGAG GCCGUUAGGC CGAA AUGCCACC	15818
3806	GGCAUCGU U UCUCAAAG	511	CUUUGAGA CUGAUGAG GCCGUUAGGC CGAA ACGAUGCC	15819
3807	GCAUCGUU U CUCAAAGC	512	GCUUUGAG CUGAUGAG GCCGUUAGGC CGAA AACGAUGC	15820
3808	CAUCGUUU C UCAAAGCG	513	CGCUUUGA CUGAUGAG GCCGUUAGGC CGAA AAACGAUG	15821
3810	UCGUUUCU C AAAGCGAG	514	CUCGCUUU CUGAUGAG GCCGUUAGGC CGAA AGAAACGA	15822
3840	GAGAACAU U UUGUUGAU	515	AUCAACAA CUGAUGAG GCCGUUAGGC CGAA AUGUUCUC	15823
3841	AGAACAUU U UGUUGAUG	516	CAUCAACA CUGAUGAG GCCGUUAGGC CGAA AAUGUUCU ACAUCAAC CUGAUGAG GCCGUUAGGC CGAA AAAUGUUC	15824 15825
3842	GAACAUUU U GUUGAUGU	517		15825
3845	CAUUUUGU U GAUGUUGG	518		
3851	GUUGAUGU U GGCGGCUG	519	CAGCCGCC CUGAUGAG GCCGUUAGGC CGAA ACAUCAAC UGAAAGAA CUGAUGAG GCCGUUAGGC CGAA ACAGCCGC	15827
3861	GCGGCUGU U UUCUUUCA	520		15828 15829
3862	CGGCUGUU U UCUUUCAA	521	UUGAAAGA CUGAUGAG GCCGUUAGGC CGAA AACAGCCG UUUGAAAG CUGAUGAG GCCGUUAGGC CGAA AAACAGCC	15830
3863	GGCUGUUU U CUUUCAAA	522		15831
3864	GCUGUUUU C UUUCAAAU	523	AUJUGAAA CUGAUGAG GCCGUUAGGC CGAA AAAACAGC CCAUJUGA CUGAUGAG GCCGUUAGGC CGAA AGAAAACA	15832
3866	UGUUUUCU U UCAAAUGG	524		15833
3867	GUUUUCUU U CAAAUGGC	525	GCCAUUUG CUGAUGAG GCCGUUAGGC CGAA AAGAAAAC AGCCAUUU CUGAUGAG GCCGUUAGGC CGAA AAAGAAAA	15834
3868	UUUUCUUU C AAAUGGCU	526		15835
3877	AAAUGGCU U AUCACGAU	527		15836
3878	AAUGGCUU A UCACGAUG	528		15837
3880	UGGCUUAU C ACGAUGCC	529		15838
3897	CGCCAAAU U CUGCUCUG	530		
3898	GCCAAAUU C UGCUCUGG	531	CCAGAGCA CUGAUGAG GCCGUUAGGC CGAA AAUUUGGC AUCUCCCA CUGAUGAG GCCGUUAGGC CGAA AGCAGAAU	15839
3903	AUUCUGCU C UGGGAGAU UGGGAGAU C CCUGAUGU	532 533	ACAUCAGG CUGAUGAG GCCGUUAGGC CGAA AUCUCCCA	15841
3912	UGAUGUGU U GAAUUCAC	534	GUGAAUUC CUGAUGAG GCCGUUAGGC CGAA ACACAUCA	15842
3923		535	CGCCAGUG CUGAUGAG GCCGUUAGGC CGAA AUUCAACA	15843
3928	UGUUGAAU U CACUGGCG GUUGAAUU C ACUGGCGG	536	CCGCCAGU CUGAUGAG GCCGUUAGGC CGAA AAUUCAACA	15844
3929	CUGGCGGU A GCUUGGAU	537	AUCCAAGC CUGAUGAG GCCGUUAGGC CGAA ACCGCCAG	15845
3939	CGGUAGCU U GGAUGAUA	538	UAUCAUCC CUGAUGAG GCCGUUAGGC CGAA ACCUACCG	15846
3943	UGGAUGAU A CUGAGAGC	539	GCUCUCAG CUGAUGAG GCCGUUAGGC CGAA AUCAUCCA	15847
3951 3963	AGAGCCAU A ACAUUCAC	540	GUGAAUGU CUGAUGAG GCCGUUAGGC CGAA AUGGCUCU	15848
	CAUAACAU U CACAACGA	541	UCGUUGUG CUGAUGAG GCCGUUAGGC CGAA AUGUUAUG	15849
3968	AUAACAUU C ACAACGAC	542	GUCGUUGU CUGAUGAG GCCGUUAGGC CGAA AAUGUUAU	15850
-	AACGACAU C AAACGUGG	 	CCACGUUU CUGAUGAG GCCGUUAGGC CGAA AUGUCGUU	15851
3980	AACGUGGU U GUUCCGCU	543	AGCGGAAC CUGAUGAG GCCGUUAGGC CGAA ACCACGUU	15852
3990	GUGGUUGU U CCGCUGCU	545	AGCAGCAGC CUGAUGAG GCCGUUAGGC CGAA ACCACGOO	15853
3994	UGGUUGUU C CGCUGCUA	546	UAGCAGCG CUGAUGAG GCCGUUAGGC CGAA AACAACCA	15854
4002	CCGCUGCU A GCCCUGCU	547	AGCAGGGC CUGAUGAG GCCGUUAGGC CGAA AGCAGCGG	15855
4011	GCCUGCU A ACACCCGG	548	CCGGGUGU CUGAUGAG GCCGUUAGGC CGAA AGCAGGGC	15856
4031	GAGAUGCU U GAAUCUGG	549	CCAGAUUC CUGAUGAG GCCGUUAGGC CGAA AGCAUCUC	15857
4036	GCUUGAAU C UGGAUGUG	550	CACAUCCA CUGAUGAG GCCGUUAGGC CGAA AUUCAAGC	15858
4046	GGAUGUGU A CAGGAUAC	551	GUAUCCUG CUGAUGAG GCCGUUAGGC CGAA ACACAUCC	15859
4053	UACAGGAU A CUGCUGUU	552	AACAGCAG CUGAUGAG GCCGUUAGGC CGAA AUCCUGUA	15860
4061	ACUGCUGU U GAUGGUCG	553	CGACCAUC CUGAUGAG GCCGUUAGGC CGAA ACAGCAGU	15861
4068	UUQAUGGU C GGAAUAGG	554	CCUAUUCC CUGAUGAG GCCGUUAGGC CGAA ACCAUCAA	15862
4074	GUCGGAAU A GGCAGCUU	555	AAGCUGCC CUGAUGAG GCCGUUAGGC CGAA AUUCCGAC	15863
4082	AGGCAGCU U GAUCAGGG	556	CCCUGAUC CUGAUGAG GCCGUUAGGC CGAA AGCUGCCU	15864
4086	AGCUUGAU C AGGGAGAA	557	UUCUCCCU CUGAUGAG GCCGUUAGGC CGAA AUCAAGCU	15865
4129	GAGCAAGU C UGCUAUGC	558	GCAUAGCA CUGAUGAG GCCGUUAGGC CGAA ACUUGCUC	15866
4134	AGUCUGCU A UGCUUGGC	559	GCCAAGCA CUGAUGAG GCCGUUAGGC CGAA AGCAGACU	15867
4139	GCUAUGCU U GGCUCUAG	560	CUAGAGCC CUGAUGAG GCCGUUAGGC CGAA AGCAUAGC	15868
4144	GCUUGGCU C UAGCCUCA	561	UGAGGCUA CUGAUGAG GCCGUUAGGC CGAA AGCCAAGC	15869
4146	UUGGCUCU A GCCUCAAC	562	GUUGAGGC CUGAUGAG GCCGUUAGGC CGAA AGAGCCAA	15870
4151	UCUAGCCU C AACAGGAC	563	GUCCUGUU CUGAUGAG GCCGUUAGGC CGAA AGGCUAGA	15871
		1 203	GOCCOGO COGROGRA GCCGOORGGC CGRI ROGCORGI	

Table III

			18016 111	
4161	ACAGGACU U UUCAACCC	564	GGGUUGAA CUGAUGAG GCCGUUAGGC CGAA AGUCCUGU	15872
4162	CAGGACUU U UCAACCCC	565	GGGGUUGA CUGAUGAG GCCGUUAGGC CGAA AAGUCCUG	15873
4163	AGGACUUU U CAACCCCA	566	UGGGGUUG CUGAUGAG GCCGUUAGGC CGAA AAAGUCCU	15874
4164	GGACUUUU C AACCCCAU	567	AUGGGGUU CUGAUGAG GCCGUUAGGC CGAA AAAAGUCC	15875
4176	CCCAUGAU C CUUGCUGC	568	GCAGCAAG CUGAUGAG GCCGUUAGGC CGAA AUCAUGGG	15876
4179	AUGAUCCU U GCUGCUGG	569	CCAGCAGC CUGAUGAG GCCGUUAGGC CGAA AGGAUCAU	15877
4194	GGACUGAU U GCAUGUGA	570	UCACAUGC CUGAUGAG GCCGUUAGGC CGAA AUCAGUCC	15878
4204	CAUGUGAU C CCAACCGU	571	ACGGUUGG CUGAUGAG GCCGUUAGGC CGAA AUCACAUG	15879
4213	CCAACCGU A AACGCGGA	572	UCCGCGUU CUGAUGAG GCCGUUAGGC CGAA ACGGUUGG	15880
	ACAGCUGU C GGCCUAAU	573	AUUAGGCC CUGAUGAG GCCGUUAGGC CGAA ACAGCUGU	
4251				15881
4257	GUCGGCCU A AUGUUUGC	574	GCAAACAU CUGAUGAG GCCGUUAGGC CGAA AGGCCGAC	15882
4262	CCUAAUGU U UGCCAUCG	575	CGAUGGCA CUGAUGAG GCCGUUAGGC CGAA ACAUUAGG	15883
4263	CUAAUGUU U GCCAUCGU	576	ACGAUGGC CUGAUGAG GCCGUUAGGC CGAA AACAUUAG	15884
4269	UUUGCCAU C GUCGGAGG	577	CCUCCGAC CUGAUGAG GCCGUUAGGC CGAA AUGGCAAA	15885
4272	GCCAUCGU C GGAGGGCU	578	AGCCCUCC CUGAUGAG GCCGUUAGGC CGAA ACGAUGGC	15886
4290	GCAGAGCU U GACAUUGA	579	UCAAUGUC CUGAUGAG GCCGUUAGGC CGAA AGCUCUGC	15887
4296	CUUGACAU U GACUCCAU	580	AUGGAGUC CUGAUGAG GCCGUUAGGC CGAA AUGUCAAG	15888
4301	CAUUGACU C CAUGGCCA	581	UGGCCAUG CUGAUGAG GCCGUUAGGC CGAA AGUCAAUG	15889
4311	AUGGCCAU U CCAAUGAC	582	GUCAUUGG CUGAUGAG GCCGUUAGGC CGAA AUGGCCAU	15890
4312	UGGCCAUU C CAAUGACU	583	AGUCAUUG CUGAUGAG GCCGUUAGGC CGAA AAUGGCCA	15891
4321	CAAUGACU A UCGCGGGG	584	CCCCGCGA CUGAUGAG GCCGUUAGGC CGAA AGUCAUUG	15892
4323	AUGACUAU C GCGGGGCU	585	AGCCCGC CUGAUGAG GCCGUUAGGC CGAA AUAGUCAU	15893
4332	GCGGGGCU C AUGUUUGC	586	GCAAACAU CUGAUGAG GCCGUUAGGC CGAA AGCCCCGC	15894
4337	GCUCAUGU U UGCUGCUU	587	AAGCAGCA CUGAUGAG GCCGUUAGGC CGAA ACAUGAGC	15895
4338	CUCAUGUU U GCUGCUUU	588	AAAGCAGC CUGAUGAG GCCGUUAGGC CGAA ACAUGAGC	
—				15896
4345	UUGCUGCU U UCGUGAUU	589	AAUCACGA CUGAUGAG GCCGUUAGGC CGAA AGCAGCAA	15897
4346	UGCUGCUU U CGUGAUUU	590	AAAUCACG CUGAUGAG GCCGUUAGGC CGAA AAGCAGCA	15898
4347	GCUGCUUU C GUGAUUUC	591	GAAAUCAC CUGAUGAG GCCGUUAGGC CGAA AAAGCAGC	15899
4353	UUCGUGAU U UCUGGGAA	592	UUCCCAGA CUGAUGAG GCCGUUAGGC CGAA AUCACGAA	15900
4354	UCGUGAUU U CUGGGAAA	593	UUUCCCAG CUGAUGAG GCCGUUAGGC CGAA AAUCACGA	15901
4355	CGUGAUUU C UGGGAAAU	594	AUUUCCCA CUGAUGAG GCCGUUAGGC CGAA AAAUCACG	15902
4364	UGGGAAAU C AACAGAUA	595	UAUCUGUU CUGAUGAG GCCGUUAGGC CGAA AUUUCCCA	15903
4372	CAACAGAU A UGUGGAUU	596	AAUCCACA CUGAUGAG GCCGUUAGGC CGAA AUCUGUUG	15904
4380	AUGUGGAU U GAGAGAAC	597	GUUCUCUC CUGAUGAG GCCGUUAGGC CGAA AUCCACAU	15905
4398	GCGGACAU U UCCUGGGA	598	UCCCAGGA CUGAUGAG GCCGUUAGGC CGAA AUGUCCGC	15906
4399	CGGACAUU U CCUGGGAA	599	UUCCCAGG CUGAUGAG GCCGUUAGGC CGAA AAUGUCCG	15907
4400	GGACAUUU C CUGGGAAA	600	UUUCCCAG CUGAUGAG GCCGUUAGGC CGAA AAAUGUCC	15908
4422	GCAGAAAU U ACAGGCUC	601	GAGCCUGU CUGAUGAG GCCGUUAGGC CGAA AUUUCUGC	15909
4423	CAGAAAUU A CAGGCUCG	602	CGAGCCUG CUGAUGAG GCCGUUAGGC CGAA AAUUUCUG	15910
4430	UACAGGCU C GAGCGAAA	603	UUUCGCUC CUGAUGAG GCCGUUAGGC CGAA AGCCUGUA	
4443	GAAAGAGU U GAUGUGCG			15911
		604	CGCACAUC CUGAUGAG GCCGUUAGGC CGAA ACUCUUUC	15912
4455	GUGCGGCU U GAUGAUGA	605	UCAUCAUC CUGAUGAG GCCGUUAGGC CGAA AGCCGCAC	15913
4472	UGGAAACU U CCAGCUCA	606	UGAGCUGG CUGAUGAG GCCGUUAGGC CGAA AGUUUCCA	15914
4473	GGAAACUU C CAGCUCAU	607	AUGAGCUG CUGAUGAG GCCGUUAGGC CGAA AAGUUUCC	15915
4479	UUCCAGCU C AUGAAUGA	608	UCAUUCAU CUGAUGAG GCCGUUAGGC CGAA AGCUGGAA	15916
4489	UGAAUGAU C CAGGAGCA	609	UGCUCCUG CUGAUGAG GCCGUUAGGC CGAA AUCAUUCA	15917
4501	GAGCACCU U GGAAGAUA	610	UAUCUUCC CUGAUGAG GCCGUUAGGC CGAA AGGUGCUC	15918
4509	UGGAAGAU A UGGAUGCU	611	AGCAUCCA CUGAUGAG GCCGUUAGGC CGAA AUCUUCCA	15919
4518	UGGAUGCU C AGAAUGGU	612	ACCAUUCU CUGAUGAG GCCGUUAGGC CGAA AGCAUCCA	15920
4527	AGAAUGGU C UGUCUCGC	613	GCGAGACA CUGAUGAG GCCGUUAGGC CGAA ACCAUUCU	15921
4531	UGGUCUGU C UCGCGAUU	614	AAUCGCGA CUGAUGAG GCCGUUAGGC CGAA ACAGACCA	15922
4533	GUCUGUCU C GCGAUUAG	615	CUAAUCGC CUGAUGAG GCCGUUAGGC CGAA AGACAGAC	15923
4539	CUCGCGAU U AGUGCGUA	616	UACGCACU CUGAUGAG GCCGUUAGGC CGAA AUCGCGAG	15924
4540	UCGCGAUU A GUGCGUAC	617	GUACGCAC CUGAUGAG GCCGUUAGGC CGAA AAUCGCGA	15925
4547	UAGUGCGU A CACCCCCU	618	AGGGGGUG CUGAUGAG GCCGUUAGGC CGAA ACGCACUA	15926
4563	UGGGCAAU C UUGCCCUC	619		
4565	GGCAAUCU U GCCCUCAG		GAGGGCAA CUGAUGAG GCCGUUAGGC CGAA AUUGCCCA	15927
		620	CUGAGGGC CUGAUGAG GCCGUUAGGC CGAA AGAUUGCC	15928
4571	CUUGCCCU C AGUAGUUG	621	CAACUACU CUGAUGAG GCCGUUAGGC CGAA AGGGCAAG	15929
4575	CCCUCAGU A GUUGGAUU	622	AAUCCAAC CUGAUGAG GCCGUUAGGC CGAA ACUGAGGG	15930
4578	UCAGUAGU U GGAUUUUG	623	CAAAAUCC CUGAUGAG GCCGUUAGGC CGAA ACUACUGA	15931
4583	AGUUGGAU U UUGGAUAA	624	UUAUCCAA CUGAUGAG GCCGUUAGGC CGAA AUCCAACU	15932
4584	GUUGGAUU U UGGAUAAC	625	GUUAUCCA CUGAUGAG GCCGUUAGGC CGAA AAUCCAAC	15933
4585	UUGGAUUU U GGAUAACU	626	AGUUAUCC CUGAUGAG GCCGUUAGGC CGAA AAAUCCAA	15934

			Table III	
4590	UUUUGGAU A ACUCUCCA	627	UGGAGAGU CUGAUGAG GCCGUUAGGC CGAA AUCCAAAA	15935
4594	GGAUAACU C UCCAAUAC	628	GUAUUGGA CUGAUGAG GCCGUUAGGC CGAA AGUUAUCC	15936
4596	AUAACUCU C CAAUACAC	629	GUGUAUUG CUGAUGAG GCCGUUAGGC CGAA AGAGUUAU	15937
4601	UCUCCAAU A CACAAAGA	630	UCUUUGUG CUGAUGAG GCCGUUAGGC CGAA AUUGGAGA	15938
4622	AGGCGUGU U GUGGGACA	631	UGUCCCAC CUGAUGAG GCCGUUAGGC CGAA ACACGCCU	15939
4633	GGGACACU C CCUCACCA	632	UGGUGAGG CUGAUGAG GCCGUUAGGC CGAA AGUGUCCC	15940
4637	CACUCCCU C ACCAAAGG	633	CCUUUGGU CUGAUGAG GCCGUUAGGC CGAA AGGGAGUG	15941
4649	AAAGGAGU A CAAAAAGG	634	CCUUUUUG CUGAUGAG GCCGUUAGGC CGAA ACUCCUUU	15942
4677	ACCGGCGU C UACAGGAU	635	AUCCUGUA CUGAUGAG GCCGUUAGGC CGAA ACGCCGGU	15943
4679	CGGCGUCU A CAGGAUCA	636	UGAUCCUG CUGAUGAG GCCGUUAGGC CGAA AGACGCCG	15944
4686	UACAGGAU C AUGACUCG	637	CGAGUCAU CUGAUGAG GCCGUUAGGC CGAA AUCCUGUA	15945
4693	UCAUGACU C GUGGGCUG	638	CAGCCCAC CUGAUGAG GCCGUUAGGC CGAA AGUCAUGA	15946
4704	GGGCUGCU C GGCAGUUA	639	UAACUGCC CUGAUGAG GCCGUUAGGC CGAA AGCAGCCC	15947
4711	UCGGCAGU U AUCAAGCA	640	UGCUUGAU CUGAUGAG GCCGUUAGGC CGAA ACUGCCGA	15948
4712	CGGCAGUU A UCAAGCAG	641	CUGCUUGA CUGAUGAG GCCGUUAGGC CGAA AACUGCCG	15949
4714	GCAGUUAU C AAGCAGGA	642	UCCUGCUU CUGAUGAG GCCGUUAGGC CGAA AUAACUGC	15950
4737	GUGAUGGU U GAAGGUGU	643	ACACCUUC CUGAUGAG GCCGUUAGGC CGAA ACCAUCAC	15951
4746	GAAGGUGU U UUCCACAC	644	GUGUGGAA CUGAUGAG GCCGUUAGGC CGAA ACACCUUC	15952
4747	AAGGUGUU U UCCACACC	645	GGUGUGGA CUGAUGAG GCCGUUAGGC CGAA AACACCUU	15953
4748	AGGUGUUU U CCACACCC	646	GGGUGUGG CUGAUGAG GCCGUUAGGC CGAA AAACACCU	15954
4749	GGUGUUUU C CACACCCU	647	AGGGUGUG CUGAUGAG GCCGUUAGGC CGAA AAAACACC	15955
4758	CACACCCU U UGGCAUAC	648	GUAUGCCA CUGAUGAG GCCGUUAGGC CGAA AGGGUGUG	15956
4759	ACACCCUU U GGCAUACA	649	UGUAUGCC CUGAUGAG GCCGUUAGGC CGAA AAGGGUGU	15957
4765	UUUGGCAU A CAACAAAA	650	UUUUGUUG CUGAUGAG GCCGUUAGGC CGAA AUGCCAAA	15958
4783	GAGCCGCU U UGAUGAGC	651	GCUCAUCA CUGAUGAG GCCGUUAGGC CGAA AGCGGCUC	
4784		652		15959
			CGCUCAUC CUGAUGAG GCCGUUAGGC CGAA AAGCGGCU	15960
4814	GGACCCAU A CUGGGGCA	653	UGCCCCAG CUGAUGAG GCCGUUAGGC CGAA AUGGGUCC	15961
4827	GGCAGUGU C AAGGAGGA	654	UCCUCCUU CUGAUGAG GCCGUUAGGC CGAA ACACUGCC	15962
4837	AGGAGGAU C GACUUUGU	655	ACAAAGUC CUGAUGAG GCCGUUAGGC CGAA AUCCUCCU	15963
4842	GAUCGACU U UGUUACGG	656	CCGUAACA CUGAUGAG GCCGUUAGGC CGAA AGUCGAUC	15964
4843	AUCGACUU U GUUACGGA	657	UCCGUAAC CUGAUGAG GCCGUUAGGC CGAA AAGUCGAU	15965
4846	GACUUUGU U ACGGAGGA	658	UCCUCCGU CUGAUGAG GCCGUUAGGC CGAA ACAAAGUC	15966
4847	ACUUUGUU A CGGAGGAC	659	GUCCUCCG CUGAUGAG GCCGUUAGGC CGAA AACAAAGU	15967
4865	CUGGAAAU U GCAGCACA	660	UGUGCUGC CUGAUGAG GCCGUUAGGC CGAA AUUUCCAG	15968
4905	CAGAUGAU U GUGGUGGA	661	UCCACCAC CUGAUGAG GCCGUUAGGC CGAA AUCAUCUG	15969
4929	AAGAACGU U AAGAACGU	662	ACGUUCUU CUGAUGAG GCCGUUAGGC CGAA ACGUUCUU	15970
4930	AGAACGUU A AGAACGUC	663	GACGUUCU CUGAUGAG GCCGUUAGGC CGAA AACGUUCU	15971
4938	AAGAACGU C CAGACGAA	664	UUCGUCUG CUGAUGAG GCCGUUAGGC CGAA ACGUUCUU	15972
4958	AGGGGUGU U CAAAACAC	665	GUGUUUUG CUGAUGAG GCCGUUAGGC CGAA ACACCCCU	15973
4959	GGGGUGUU C AAAACACC	666	GGUGUUUU CUGAUGAG GCCGUUAGGC CGAA AACACCCC	15974
4980	GGAGAAAU C GGGGCCGU	667	ACGGCCCC CUGAUGAG GCCGUUAGGC CGAA AUUUCUCC	15975
4993	CCGUGACU U UGGACUUC	668	GAAGUCCA CUGAUGAG GCCGUUAGGC CGAA AGUCACGG	15976
4994	CGUGACUU U GGACUUCC			
		669	GGAAGUCC CUGAUGAG GCCGUUAGGC CGAA AAGUCACG	15977
5000	UUUGGACU U CCCCACUG	670	CAGUGGGG CUGAUGAG GCCGUHAGGC CGAA AGUCCAAA	15978
5001	UUGGACUU C CCCACUGG	671	CCAGUGGG CUGAUGAG GCCGUUAGGC CGAA AAGUCCAA	15979
5015	UGGAACAU C AGGCUCAC	672	GUGAGCCU CUGAUGAG GCCGUUAGGC CGAA AUGUUCCA	15980
5021	AUCAGGCU C ACCAAUAG	673	CUAUUGGU CUGAUGAG GCCGUUAGGC CGAA AGCCUGAU	15981
5028	UCACCAAU A GUGGACAA	674	UUGUCCAC CUGAUGAG GCCGUUAGGC CGAA AUUGGUGA	15982
5052	GAUGUGAU U GGGCUUUA	675	UAAAGCCC CUGAUGAG GCCGUUAGGC CGAA AUCACAUC	15983
5058	AUUGGGCU U UAUGGCAA	676	UUGCCAUA CUGAUGAG GCCGUUAGGC CGAA AGCCCAAU	15984
5059	UUGGGCUU U AUGGCAAU	677	AUUGCCAU CUGAUGAG GCCGUUAGGC CGAA AAGCCCAA	15985
5060	UGGGCUUU A UGGCAAUG	678	CAUUGCCA CUGAUGAG GCCGUUAGGC CGAA AAAGCCCA	15986
5073	AAUGGAGU C AUAAUGCC	679	GGCAUUAU CUGAUGAG GCCGUUAGGC CGAA ACUCCAUU	15987
5076	GGAGUCAU A AUGCCCAA	680	UUGGGCAU CUGAUGAG GCCGUUAGGC CGAA AUGACUCC	15988
5090	CAACGGCU C AUACAUAA	681	UUAUGUAU CUGAUGAG GCCGUUAGGC CGAA AGCCGUUG	15989
5093	CGGCUCAU A CAUAAGCG	682	CGCUUAUG CUGAUGAG GCCGUUAGGC CGAA AUGAGCCG	15990
5097	UCAUACAU A AGCGCGAU	683	AUCGCGCU CUGAUGAG GCCGUUAGGC CGAA AUGUAUGA	15991
5106	AGCGCGAU A GUGCAGGG	684	CCCUGCAC CUGAUGAG GCCGUUAGGC CGAA AUCGCGCU	15992
5136	GAGCCAAU C CCAGCCGG	685	CCGGCUGG CUGAUGAG GCCGUUAGGC CGAA AUUGGCUC	
5147	AGCCGGAU U CGAACCUG	686	CAGGUUCG CUGAUGAG GCCGUUAGGC CGAA AUCCGGCU	15993
5148	GCCGGAUU C GAACCUGA	687		15994
5178	AAACAGAU C ACUGUACU		UCAGGUUC CUGAUGAG GCCGUUAGGC CGAA AAUCCGGC	15995
		688	AGUACAGU CUGAUGAG GCCGUUAGGC CGAA AUCUGUUU	15996
5184	AUCACUGU A CUGGAUCU	689	AGAUCCAG CUGAUGAG GCCGUUAGGC CGAA ACAGUGAU	15997

Table III

		r	·	,
5191	UACUGGAU C UCCAUCCC	690	GGGAUGGA CUGAUGAG GCCGUUAGGC CGAA AUCCAGUA	15998
5193	CUGGAUCU C CAUCCCGG	691	CCGGGAUG CUGAUGAG GCCGUUAGGC CGAA AGAUCCAG	15999
5197	AUCUCCAU C CCGGCGCC	692	GGCGCCGG CUGAUGAG GCCGUUAGGC CGAA AUGGAGAU	16000
5209	GCGCCGGU A AAACAAGG	693	CCUUGUUU CUGAUGAG GCCGUUAGGC CGAA ACCGGCGC	16001
5223	AGGAGGAU U CUGCCACA	694	UGUGGCAG CUGAUGAG GCCGUUAGGC CGAA AUCCUCCU	16002
5224	GGAGGAUU C UGCCACAG	695	CUGUGGCA CUGAUGAG GCCGUUAGGC CGAA AAUCCUCC	16003
5235	CCACAGAU C AUCAAAGA	696	UCUUUGAU CUGAUGAG GCCGUUAGGC CGAA AUCUGUGG	16004
5238	CAGAUCAU C AAAGAGGC	697	GCCUCUUU CUGAUGAG GCCGUUAGGC CGAA AUGAUCUG	16005
5250	GAGGCCAU A AACAGAAG	698	CUUCUGUU CUGAUGAG GCCGUUAGGC CGAA AUGGCCUC	16006
				
5277	GCCGUGCU A GCACCAAC	699	GUUGGUGC CUGAUGAG GCCGUUAGGC CGAA AGCACGGC	16007
5292	ACCAGGGU U GUGGCUGC	700	GCAGCCAC CUGAUGAG GCCGUUAGGC CGAA ACCCUGGU	16008
5334	CUGCCCAU C CGGUACCA	701	UGGUACCG CUGAUGAG GCCGUUAGGC CGAA AUGGGCAG	16009
5339	CAUCCGGU A CCAGACAU	702	AUGUCUGG CUGAUGAG GCCGUUAGGC CGAA ACCGGAUG	16010
	CCAGACAU C CGCAGUGC	703	GCACUGCG CUGAUGAG GCCGUUAGGC CGAA AUGUCUGG	
5348				16011
5368	GAGAACAU A AUGGAAAU	704	AUUUCCAU CUGAUGAG GCCGUUAGGC CGAA AUGUUCUC	16012
5382	AAUGAGAU U GUUGAUGU	705	ACAUCAAC CUGAUGAG GCCGUUAGGC CGAA AUCUCAUU	16013
5385	GAGAUUGU U GAUGUCAU	706	AUGACAUC CUGAUGAG GCCGUUAGGC CGAA ACAAUCUC	16014
5391	GUUGAUGU C AUGUGUCA	707	UGACACAU CUGAUGAG GCCGUUAGGC CGAA ACAUCAAC	16015
	······································			<u> </u>
5398	UCAUGUGU C AUGCUACC	708	GGUAGCAU CUGAUGAG GCCGUUAGGC CGAA ACACAUGA	16016
5404	GUCAUGCU A CCCUCACC	709	GGUGAGGG CUGAUGAG GCCGUUAGGC CGAA AGCAUGAC	16017
5409	GCUACCCU C ACCCACAG	710	CUGUGGGU CUGAUGAG GCCGUUAGGC CGAA AGGGUAGC	16018
5426	GCUGAUGU C UCCUCACA	711	UGUGAGGA CUGAUGAG GCCGUUAGGC CGAA ACAUCAGC	16019
5428	UGAUGUCU C CUCACAGG	712	CCUGUGAG CUGAUGAG GCCGUUAGGC CGAA AGACAUCA	16020
5431	UGUCUCCU C ACAGGGUG	713	CACCCUGU CUGAUGAG GCCGUUAGGC CGAA AGGAGACA	16021
5447	GCCGAACU A CAACCUGU	714	ACAGGUUG CUGAUGAG GCCGUUAGGC CGAA AGUUCGGC	16022
5456	. CAACCUGU U CGUGAUGG	715	CCAUCACG CUGAUGAG GCCGUUAGGC CGAA ACAGGUUG	16023
5457	AACCUGUU C GUGAUGGA	716	UCCAUCAC CUGAUGAG GCCGUUAGGC CGAA AACAGGUU	16024
5473	AUGAGGCU C AUUUCACC	717	GGUGAAAU CUGAUGAG GCCGUUAGGC CGAA AGCCUCAU	16025
5476	AGGCUCAU U UCACCGAC	718	GUCGGUGA CUGAUGAG GCCGUUAGGC CGAA AUGAGCCU	16026
5477	GGCUCAUU U CACCGACC	719	GGUCGGUG CUGAUGAG GCCGUUAGGC CGAA AAUGAGCC	16027
5478	GCUCAUUU C ACCGACCC	720	GGGUCGGU CUGAUGAG GCCGUUAGGC CGAA AAAUGAGC	16028
5491	ACCCAGCU A GCAUUGCA	721	UGCAAUGC CUGAUGAG GCCGUUAGGC CGAA AGCUGGGU	16029
5496	GCUAGCAU U GCAGCAAG	722	CUUGCUGC CUGAUGAG GCCGUUAGGC CGAA AUGCUAGC	16030
		723		
5509	CAAGAGGU U ACAUUUCC	Ļ	GGAAAUGU CUGAUGAG GCCGUUAGGC CGAA ACCUCUUG	16031
5510	AAGAGGUU A CAUUUCCA	724	UGGAAAUG CUGAUGAG GCCGUUAGGC CGAA AACCUCUU	16032
5514	GGUUACAU U UCCACAAA	725	UUUGUGGA CUGAUGAG GCCGUUAGGC CGAA AUGUAACC	16033
5515	GUUACAUU U CCACAAAG	726	CUUUGUGG CUGAUGAG GCCGUUAGGC CGAA AAUGUAAC	16034
5516	UUACAUUU C CACAAAGG	727	CCUUUGUG CUGAUGAG GCCGUUAGGC CGAA AAAUGUAA	16035
				
5526	ACAAAGGU C GAGCUAGG	728	CCUAGCUC CUGAUGAG GCCGUUAGGC CGAA ACCUUUGU	16036
5532	GUCGAGCU A GGGGAGGC	729	GCCUCCCC CUGAUGAG GCCGUUAGGC CGAA AGCUCGAC	16037
5550	GCGGCAAU A UUCAUGAC	730	GUCAUGAA CUGAUGAG GCCGUUAGGC CGAA AUUGCCGC	16038
5552	GGCAAUAU U CAUGACAG	731	CUGUCAUG CUGAUGAG GCCGUUAGGC CGAA AUAUUGCC	16039
5553	GCAAUAUU C AUGACAGC	732	GCUGUCAU CUGAUGAG GCCGUUAGGC CGAA AAUAUUGC	16040
5578	CAGGCACU U CAGAUCCA	733	UGGAUCUG CUGAUGAG GCCGUUAGGC CGAA AGUGCCUG	16041
5579	AGGCACUU C AGAUCCAU	734	AUGGAUCU CUGAUGAG GCCGUUAGGC CGAA AAGUGCCU	16042
5584	CUUCAGAU C CAUUCCCA	735	UGGGAAUG CUGAUGAG GCCGUUAGGC CGAA AUCUGAAG	16043
5588	AGAUCCAU U CCCAGAGU	736	ACUCUGGG CUGAUGAG GCCGUUAGGC CGAA AUGGAUCU	16044
5589	GAUCCAUU C CCAGAGUC	737	GACUCUGG CUGAUGAG GCCGUUAGGC CGAA AAUGGAUC	16045
5597	CCCAGAGU C CAAUUCAC	738	GUGAAUUG CUGAUGAG GCCGUUAGGC CGAA ACUCUGGG	
				16046
5602	AGUCCAAU U CACCAAUU	739	AAUUGGUG CUGAUGAG GCCGUUAGGC CGAA AUUGGACU	16047
5603	GUCCAAUU C ACCAAUUU	740	AAAUUGGU CUGAUGAG GCCGUUAGGC CGAA AAUUGGAC	16048
5610	UCACCAAU U UCCGACUU	741	AAGUCGGA CUGAUGAG GCCGUUAGGC CGAA AUUGGUGA	16049
5611	CACCAAUU U CCGACUUA	742	UAAGUCGG CUGAUGAG GCCGUUAGGC CGAA AAUUGGUG	16050
5612	ACCAAUUU C CGACUUAC	743	GUAAGUCG CUGAUGAG GCCGUUAGGC CGAA AAAUUGGU	16051
				
5618	UUCCGACU U ACAGACUG	744	CAGUCUGU CUGAUGAG GCCGUUAGGC CGAA AGUCGGAA	16052
5619	UCCGACUU A CAGACUGA	745	UCAGUCUG CUGAUGAG GCCGUUAGGC CGAA AAGUCGGA	16053
5631	ACUGAGAU C CCGGAUCG	746	CGAUCCGG CUGAUGAG GCCGUUAGGC CGAA AUCUCAGU	16054
5638	UCCCGGAU C GAGCUUGG	747	CCAAGCUC CUGAUGAG GCCGUUAGGC CGAA AUCCGGGA	16055
5644	AUCGAGCU U GGAACUCU	748	AGAGUUCC CUGAUGAG GCCGUUAGGC CGAA AGCUCGAU	
				16056
5651	UUGGAACU C UGGAUACG	749	CGUAUCCA CUGAUGAG GCCGUUAGGC CGAA AGUUCCAA	16057
5657	CUCUGGAU A CGAAUGGA	750	UCCAUUCG CUGAUGAG GCCGUUAGGC CGAA AUCCAGAG	16058
5667	GAAUGGAU C ACAGAAUA	751	UAUUCUGU CUGAUGAG GCCGUUAGGC CGAA AUCCAUUC	16059
5675	CACAGAAU A CACCGGGA	752	UCCCGGUG CUGAUGAG GCCGUUAGGC CGAA AUUCUGUG	16060
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	Table III	

5691	AAGACGGU U UGGUUUGU	753	ACAAACCA CUGAUGAG GCCGUUAGGC CGAA ACCGUCUU	16061
5692	AGACGGUU U GGUUUGUG	754	CACAAACC CUGAUGAG GCCGUUAGGC CGAA AACCGUCU	16062
5696	GGUUUGGU U UGUGCCUA	755	UAGGCACA CUGAUGAG GCCGUUAGGC CGAA ACCAAACC	16063
5697	GUUUGGUU U GUGCCUAG	756	CUAGGCAC CUGAUGAG GCCGUUAGGC CGAA AACCAAAC	16064
5704	UUGUGCCU A GUGUCAAG	757	CUUGACAC CUGAUGAG GCCGUUAGGC CGAA AGGCACAA	16065
5709	CCUAGUGU C AAGAUGGG	758	CCCAUCUU CUGAUGAG GCCGUUAGGC CGAA ACACUAGG	16066
5727	AAUGAGAU U GCCCUUUG	759	CAAAGGGC CUGAUGAG GCCGUUAGGC CGAA AUCUCAUU	16067
5733	AUUGCCCU U UGCCUACA	760	UGUAGGCA CUGAUGAG GCCGUUAGGC CGAA AGGGCAAU	16068
	UUGCCCUU U GCCUACAA	761	UUGUAGGC CUGAUGAG GCCGUUAGGC CGAA AAGGGCAA	16069
5734		762	GCACGUUG CUGAUGAG GCCGUUAGGC CGAA AGGCAAAG	16070
5739				16071
5760	AAGAAAGU A GUCCAAUU	763		
5763	AAAGUAGU C CAAUUGAA	764	UUCAAUUG CUGAUGAG GCCGUUAGGC CGAA ACUACUUU	16072
5768	AGUCCAAU U GAACAGAA	765	UUCUGUUC CUGAUGAG GCCGUUAGGC CGAA AUUGGACU	16073
5780	CAGAAAGU C GUACGAGA	766	UCUCGUAC CUGAUGAG GCCGUUAGGC CGAA ACUUUCUG	16074
5783	AAAGUCGU A CGAGACGG	767	CCGUCUCG CUGAUGAG GCCGUUAGGC CGAA ACGACUUU	16075
5795	GACGGAGU A CCCAAAAU	768	AUUUUGGG CUGAUGAG GCCGUUAGGC CGAA ACUCCGUC	16076
5806	CAAAAUGU A AGAACGAU	769	AUCGUUCU CUGAUGAG GCCGUUAGGC CGAA ACAUUUUG	16077
5818	ACGAUGAU U GGGACUUU	770	AAAGUCCC CUGAUGAG GCCGUUAGGC CGAA AUCAUCGU	16078
5825	UUGGGACU U UGUUAUCA	771	UGAUAACA CUGAUGAG GCCGUUAGGC CGAA AGUCCCAA	16079
5826	UGGGACUU U GUUAUCAC	772	GUGAUAAC CUGAUGAG GCCGUUAGGC CGAA AAGUCCCA	16080
5829	GACUUUGU U AUCACAAC	773	GUUGUGAU CUGAUGAG GCCGUUAGGC CGAA ACAAAGUC	16081
5830	ACUUUGUU A UCACAACA	774	UGUUGUGA CUGAUGAG GCCGUUAGGC CGAA AACAAAGU	16082
5832	UUUGUUAU C ACAACAGA	775	UCUGUUGU CUGAUGAG GCCGUUAGGC CGAA AUAACAAA	16083
5844	ACAGACAU A UCUGAAAU	776	AUUUCAGA CUGAUGAG GCCGUUAGGC CGAA AUGUCUGU	16084
5846	AGACAUAU C UGAAAUGG	777	CCAUUUCA CUGAUGAG GCCGUUAGGC CGAA AUAUGUCU	16085
5860	UGGGGGCU A ACUUCAAG	778	CUUGAAGU CUGAUGAG GCCGUUAGGC CGAA AGCCCCCA	16086
	GGCUAACU U CAAGGCGA	779	UCGCCUUG CUGAUGAG GCCGUUAGGC CGAA AGUUAGCC	16087
5864		 	CUCGCCUU CUGAUGAG GCCGUUAGGC CGAA AAGUUAGC	16088
5865	GCUAACUU C AAGGCGAG	780	<u></u>	
5883	AGGGUGAU U GACAGCCG	781		16089
5913	CCAACCAU C AUAACAGA	782	UCUGUUAU CUGAUGAG GCCGUUAGGC CGAA AUGGUUGG	16090
5916	ACCAUCAU A ACAGAAGG	783	CCUUCUGU CUGAUGAG GCCGUUAGGC CGAA AUGAUGGU	16091
5940	AGAGUGAU C CUGGGAGA	784	UCUCCCAG CUGAUGAG GCCGUUAGGC CGAA AUCACUCU	16092
5954	AGAACCAU C UGCAGUGA	785	UCACUGCA CUGAUGAG GCCGUUAGGC CGAA AUGGUUCU	16093
5971	CAGCAGCU A GUGCCGCC	786	GGCGGCAC CUGAUGAG GCCGUUAGGC CGAA AGCUGCUG	16094
5995	GUGGACGU A UCGGUAGA	787	UCUACCGA CUGAUGAG GCCGUUAGGC CGAA ACGUCCAC	16095
5997	GGACGUAU C GGUAGAAA	788	UUUCUACC CUGAUGAG GCCGUUAGGC CGAA AUACGUCC	16096
6001	GUAUCGGU A GAAAUCCG	789	CGGAUUUC CUGAUGAG GCCGUUAGGC CGAA ACCGAUAC	16097
6007	GUAGAAAU C CGUCGCAA	790	UUGCGACG CUGAUGAG GCCGUUAGGC CGAA AUUUCUAC	16098
6011	AAAUCCGU C GCAAGUUG	791	CAACUUGC CUGAUGAG GCCGUUAGGC CGAA ACGGAUUU	16099
6018	UCGCAAGU U GGUGAUGA	792	UCAUCACC CUGAUGAG GCCGUUAGGC CGAA ACUUGCGA	16100
6029	UGAUGAGU A CUGUUAUG	793	CAUAACAG CUGAUGAG GCCGUUAGGC CGAA ACUCAUCA	16101
6034	AGUACUGU U AUGGGGGG	794	CCCCCCAU CUGAUGAG GCCGUUAGGC CGAA ACAGUACU	16102
6035	GUACUGUU A UGGGGGGC	795	GCCCCCCA CUGAUGAG GCCGUUAGGC CGAA AACAGUAC	16103
6062	AGACGACU C GAACUUCG	796	CGAAGUUC CUGAUGAG GCCGUUAGGC CGAA AGUCGUCU	16104
6068	CUCGAACU U CGCCCAUU	797	AAUGGGCG CUGAUGAG GCCGUUAGGC CGAA AGUUCGAG	16105
6069	UCGAACUU C GCCCAUUG	798	CAAUGGGC CUGAUGAG GCCGUUAGGC CGAA AAGUUCGA	16106
6076	UCGCCCAU U GGACUGAG	799	CUCAGUCC CUGAUGAG GCCGUUAGGC CGAA AUGGGCGA	16107
		800	UCCAGCAU CUGAUGAG GCCGUUAGGC CGAA AUUCGUGC	16108
6093	GCACGAAU C AUGCUGGA		GCCAUGUU CUGAUGAG GCCGUUAGGC CGAA AUGUUGUC	
6108	GACAACAU C AACAUGCC	801		16109
6129	GGACUGAU C GCUCAAUU	802	AAUUGAGC CUGAUGAG GCCGUUAGGC CGAA AUCAGUCC	16110
6133	UGAUCGCU C · AAUUCUAC	803	GUAGAAUU CUGAUGAG GCCGUUAGGC CGAA AGCGAUCA	16111
6137	CGCUCAAU U CUACCAAC	804	GUUGGUAG CUGAUGAG GCCGUUAGGC CGAA AUUGAGCG	16112
6138	GCUCAAUU C UACCAACC	805	GGUUGGUA CUGAUGAG GCCGUUAGGC CGAA AAUUGAGC	16113
6140	UCAAUUCU A CCAACCAG	806	CUGGUUGG CUGAUGAG GCCGUUAGGC CGAA AGAAUUGA	16114
6162	GAGAAGGU A UAUACCAU	807	AUGGUAUA CUGAUGAG GCCGUUAGGC CGAA ACCUUCUC	16115
6164	GAAGGUAU A UACCAUGG	808	CCAUGGUA CUGAUGAG GCCGUUAGGC CGAA AUACCUUC	16116
6166	AGGUAUAU A CCAUGGAU	809	AUCCAUGG CUGAUGAG GCCGUUAGGC CGAA AUAUACCU	16117
6182	UGGGGAAU A CCGGCUCA	810	UGAGCCGG CUGAUGAG GCCGUUAGGC CGAA AUUCCCCA	16118
6189	UACCGGCU C AGAGGAGA	811	UCUCCUCU CUGAUGAG GCCGUUAGGC CGAA AGCCGGUA	16119
6212	AAAAAACU U UCUGGAAC	812	GUUCCAGA CUGAUGAG GCCGUUAGGC CGAA AGUUUUUU	16120
6213	AAAAACUU U CUGGAACU	813	AGUUCCAG CUGAUGAG GCCGUUAGGC CGAA AAGUUUUU	16121
6214	AAAACUUU C UGGAACUG	814	CAGUUCCA CUGAUGAG GCCGUUAGGC CGAA AAAGUUUU	16122
6224	GGAACUGU U GAGGACUG	815	CAGUCCUC CUGAUGAG GCCGUUAGGC CGAA ACAGUUCC	16123
7227			CAGOCCOC COGADGAG GCCGDDAGGC CGAA ACAGOGG	

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			I able III	
6238	CUGCAGAU C UGCCAGUU	816	AACUGGCA CUGAUGAG GCCGUUAGGC CGAA AUCUGCAG	16124
6246	CUGCCAGU U UGGCUGGC	817	GCCAGCCA CUGAUGAG GCCGUUAGGC CGAA ACUGGCAG	16125
6247	UGCCAGUU U GGCUGGCU	818	AGCCAGCC CUGAUGAG GCCGUUAGGC CGAA AACUGGCA	16126
6256	GGCUGGCU U ACAAGGUU	819	AACCUUGU CUGAUGAG GCCGUUAGGC CGAA AGCCAGCC	16127
6257	GCUGGCUU A CAAGGUUG	820	CAACCUUG CUGAUGAG GCCGUUAGGC CGAA AAGCCAGC	16128
6264	UACAAGGU U GCAGCGGC	821	GCCGCUGC CUGAUGAG GCCGUUAGGC CGAA ACCUUGUA	16129
6281	UGGAGUGU C AUACCACG	822	CGUGGUAU CUGAUGAG GCCGUUAGGC CGAA ACACUCCA	16130
6284	AGUGUCAU A CCACGACC	823	GGUCGUGG CUGAUGAG GCCGUUAGGC CGAA AUGACACU	16131
6305	GUGGUGCU U UGAUGGUC	824	GACCAUCA CUGAUGAG GCCGUUAGGC CGAA AGCACCAC	16132
6306	UGGUGCUU U GAUGGUCC	825	GGACCAUC CUGAUGAG GCCGUUAGGC CGAA AAGCACCA	16133
6313	UUGAUGGU C CUAGGACA	826	UGUCCUAG CUGAUGAG GCCGUUAGGC CGAA ACCAUCAA	16134
6316	AUGGUCCU A GGACAAAC	827	GUUUGUCC CUGAUGAG GCCGUUAGGC CGAA AGGACCAU	16135
6330	AACACAAU U UUAGAAGA	828	UCUUCUAA CUGAUGAG GCCGUUAGGC CGAA AUUGUGUU	16136
6331	ACACAAUU U UAGAAGAC	829	GUCUUCUA CUGAUGAG GCCGUUAGGC CGAA AAUUGUGU	16137
6332	CACAAUUU U AGAAGACA	830	UGUCUUCU CUGAUGAG GCCGUUAGGC CGAA AAAUUGUG	
6333	ACAAUUUU A GAAGACAA	831		16138
6357		832		16139
	GUGGAAGU C AUCACGAA		UUCGUGAU CUGAUGAG GCCGUUAGGC CGAA ACUUCCAC	16140
6360	GAAGUCAU C ACGAAGCU	833	AGCUUCGU CUGAUGAG GCCGUUAGGC CGAA AUGACUUC	16141
6369	ACGAAGCU U GGUGAAAG	834	CUUUCACC CUGAUGAG GCCGUUAGGC CGAA AGCUUCGU	16142
6384	AGGAAGAU U CUGAGGCC	835	GGCCUCAG CUGAUGAG GCCGUUAGGC CGAA AUCUUCCU	16143
6385	GGAAGAUU C UGAGGCCG	836	CGGCCUCA CUGAUGAG GCCGUUAGGC CGAA AAUCUUCC	16144
6402	CGCUGGAU U GACGCCAG	837	CUGGCGUC CUGAUGAG GCCGUUAGGC CGAA AUCCAGCG	16145
6416	CAGGGUGU A CUCGGAUC	838	GAUCCGAG CUGAUGAG GCCGUUAGGC CGAA ACACCCUG	16146
6419	GGUGUACU C GGAUCACC	839	GGUGAUCC CUGAUGAG GCCGUUAGGC CGAA AGUACACC	16147
6424	ACUCGGAU C ACCAGGCA	840	UGCCUGGU CUGAUGAG GCCGUUAGGC CGAA AUCCGAGU	16148
6435	CAGGCACU A AAGGCGUU	841	AACGCCUU CUGAUGAG GCCGUUAGGC CGAA AGUGCCUG	16149
6443	AAAGGCGU U CAAGGACU	842	AGUCCUUG CUGAUGAG GCCGUUAGGC CGAA ACGCCUUU	16150
6444	AAGGCGUU C AAGGACUU	843	AAGUCCUU CUGAUGAG GCCGUUAGGC CGAA AACGCCUU	16151
6452	CAAGGACU U CGCCUCGG	844	CCGAGGCG CUGAUGAG GCCGUUAGGC CGAA AGUCCUUG	16152
6453	AAGGACUU C GCCUCGGG	845	CCCGAGGC CUGAUGAG GCCGUUAGGC CGAA AAGUCCUU	16153
6458	CUUCGCCU C GGGAAAAC	846	GUUUUCCC CUGAUGAG GCCGUUAGGC CGAA AGGCGAAG	16154
6469	GAAAACGU U CUCAGAUA	847	UAUCUGAG CUGAUGAG GCCGUUAGGC CGAA ACGUUUUC	16155
6470	AAAACGUU C UCAGAUAG	848	CUAUCUGA CUGAUGAG GCCGUUAGGC CGAA AACGUUUU	16156
6472	AACGUUCU C AGAUAGGG	849	CCCUAUCU CUGAUGAG GCCGUUAGGC CGAA AGAACGUU	16157
6477	UCUCAGAU A GGGCUCAU	850	AUGAGCCC CUGAUGAG GCCGUUAGGC CGAA AUCUGAGA	16158
6483	AUAGGCU C AUUGAGGU	851	ACCUCAAU CUGAUGAG GCCGUUAGGC CGAA AGCCCUAU	16159
6486	GGGCUCAU U GAGGUUCU	852	AGAACCUC CUGAUGAG GCCGUUAGGC CGAA AUGAGCCC	16160
6492	AUUGAGGU U CUGGGAAA	853	UUUCCCAG CUGAUGAG GCCGUUAGGC CGAA ACCUCAAU	16161
6493	UUGAGGUU C UGGGAAAG	854	CUUUCCCA CUGAUGAG GCCGUUAGGC CGAA AACCUCAA	16162
6515	UGAGCACU U CAUGGGGA	855	UCCCCAUG CUGAUGAG GCCGUUAGGC CGAA AGUGCUCA	16163
6516	GAGCACUU C AUGGGGAA	856	UUCCCCAU CUGAUGAG GCCGUUAGGC CGAA AAGUGCUC	16164
6540	GAAGCACU U GACACCAU	857	AUGGUGUC CUGAUGAG GCCGUUAGGC CGAA AGUGCUUC	16165
6551	CACCAUGU A CGUUGUGG	858	CCACAACG CUGAUGAG GCCGUUAGGC CGAA ACAUGGUG	16166
6555	AUGUACGU U GUGGCCAC	859	GUGGCCAC CUGAUGAG GCCGUUAGGC CGAA ACGUACAU	16167
6586	GAAGAGCU C ACAGAAUG	860	CAUUCUGU CUGAUGAG GCCGUUAGGC CGAA AGCUCUUC	16168
6619	CAGAUGCU C UUCAGACA	861	UGUCUGAA CUGAUGAG GCCGUUAGGC CGAA AGCAUCUG	16169
6621	GAUGCUCU U CAGACAAU	862	AUUGUCUG CUGAUGAG GCCGUUAGGC CGAA AGAGCAUC	16170
6622	AUGCUCUU C AGACAAUU	863	AAUUGUCU CUGAUGAG GCCGUUAGGC CGAA AAGAGCAU	16171
6630	CAGACAAU U GCCUUGAU	864	AUCAAGGC CUGAUGAG GCCGUUAGGC CGAA AUUGUCUG	16172
6635	AAUUGCCU U GAUUGCCU	865	AGGCAAUC CUGAUGAG GCCGUUAGGC CGAA AGGCAAUU	16173
6639	GCCUUGAU U GCCUUAUU	866	AAUAAGGC CUGAUGAG GCCGUUAGGC CGAA AUCAAGGC	16174
6644	GAUUGCCU U AUUGAGUG	867	CACUCAAU CUGAUGAG GCCGUUAGGC CGAA AGGCAAUC	16175
6645	AUUGCCUU A UUGAGUGU	868	ACACUCAA CUGAUGAG GCCGUUAGGC CGAA AAGGCAAU	16176
6647	UGCCUUAU U GAGUGUGA	869	UCACACUC CUGAUGAG GCCGUUAGGC CGAA AUAAGGCA	16177
6669	AUGGGAGU A UUCUUCCU	870	AGGAAGAA CUGAUGAG GCCGUUAGGC CGAA ACUCCCAU	16178
6671	GGGAGUAU U CUUCCUCC	871	GGAGGAAG CUGAUGAG GCCGUUAGGC CGAA AUACUCCC	16179
6672	GGAGUAUU C UUCCUCCU	872	AGGAGGAA CUGAUGAG GCCGUUAGGC CGAA AAUACUCC	16180
6674	AGUAUUCU U CCUCCUCA	873	UGAGGAGG CUGAUGAG GCCGUUAGGC CGAA AGAAUACU	16181
6675	GUAUUCUU C CUCCUCAU	874	AUGAGGAG CUGAUGAG GCCGUUAGGC CGAA AAGAAUAC	16182
6678	UUCUUCCU C CUCAUGCA	875	UGCAUGAG CUGAUGAG GCCGUUAGGC CGAA AGGAAGAA	16183
6681	UUCCUCCU C AUGCAGCG	876	CGCUGCAU CUGAUGAG GCCGUUAGGC CGAA AGGAGGAA	16184
6699	AAGGGCAU U GGAAAGAU	877	AUCUUUCC CUGAUGAG GCCGUUAGGC CGAA AUGCCCUU	16185
6708	GGAAAGAU A GGUUUGGG	878	CCCAAACC CUGAUGAG GCCGUUAGGC CGAA AUCUUUCC	16186
			75	10100

Table III

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6712	AGAUAGGU U UGGGAGGC	879	GCCUCCCA CUGAUGAG GCCGUUAGGC CGAA ACCUAUCU	16187
6713	GAUAGGUU U GGGAGGCG	880	CGCCUCCC CUGAUGAG GCCGUUAGGC CGAA AACCUAUC	16188
6726	GGCGCUGU C UUGGGAGU	881	ACUCCCAA CUGAUGAG GCCGUUAGGC CGAA ACAGCGCC	16189
6728	CGCUGUCU U GGGAGUCG	882	CGACUCCC CUGAUGAG GCCGUUAGGC CGAA AGACAGCG	16190
6735	UUGGGAGU C GCGACCUU	883	AAGGUCGC CUGAUGAG GCCGUUAGGC CGAA ACUCCCAA	16191
6743	CGCGACCU U UUUCUGUU	884	AACAGAAA CUGAUGAG GCCGUUAGGC CGAA AGGUCGCG	16192
6744	GCGACCUU U UUCUGUUG	885	CAACAGAA CUGAUGAG GCCGUUAGGC CGAA AAGGUCGC	16193
6745	CGACCUUU U UCUGUUGG	886	CCAACAGA CUGAUGAG GCCGUUAGGC CGAA AAAGGUCG	16194
6746	GACCUUUU U CUGUUGGA	887	UCCAACAG CUGAUGAG GCCGUUAGGC CGAA AAAAGGUC	16195
6747	ACCUUUUU C UGUUGGAU	888	AUCCAACA CUGAUGAG GCCGUUAGGC CGAA AAAAAGGU	16196
6751	UUUUCUGU U GGAUGGCU	889	AGCCAUCC CUGAUGAG GCCGUUAGGC CGAA ACAGAAAA	16197
6765	GCUGAAGU U CCAGGAAC	890	GUUCCUGG CUGAUGAG GCCGUUAGGC CGAA ACUUCAGC	16198
6766	CUGAAGUU C CAGGAACG	891	CGUUCCUG CUGAUGAG GCCGUUAGGC CGAA AACUUCAG	16199
6780	ACGAAGAU C GCCGGAAU	892	AUUCCGGC CUGAUGAG GCCGUUAGGC CGAA AUCUUCGU	16200
6791	CGGAAUGU U GCUGCUCU	893	AGAGCAGC CUGAUGAG GCCGUUAGGC CGAA ACAUUCCG	16201
6798	UUGCUGCU C UCCCUUCU	894	AGAAGGA CUGAUGAG GCCGUUAGGC CGAA AGCAGCAA	
6800	GCUGCUCU C CCUUCUCU	895		16202
6804		896		16203
			AUCAAGAG CUGAUGAG GCCGUUAGGC CGAA AGGGAGAG	16204
6805	UCUCCCUU C UCUUGAUG	897	CAUCAAGA CUGAUGAG GCCGUUAGGC CGAA AAGGGAGA	16205
6807	UCCCUUCU C UUGAUGAU	898	AUCAUCAA CUGAUGAG GCCGUUAGGC CGAA AGAAGGGA	16206
6809	CCUUCUCU U GAUGAUUG	899	CAAUCAUC CUGAUGAG GCCGUUAGGC CGAA AGAGAAGG	16207
6816	UUGAUGAU U GUGCUAAU	900	AUUAGCAC CUGAUGAG GCCGUUAGGC CGAA AUCAUCAA	16208
6822	AUUGUGCU A AUUCCUGA	901	UCAGGAAU CUGAUGAG GCCGUUAGGC CGAA AGCACAAU	16209
6825	GUGCUAAU U CCUGAGCC	902	GGCUCAGG CUGAUGAG GCCGUUAGGC CGAA AUUAGCAC	16210
6826	UGCUAAUU C CUGAGCCA	903	UGGCUCAG CUGAUGAG GCCGUUAGGC CGAA AAUUAGCA	16211
6847	AGCAACGU U CGCAGACA	904	UGUCUGCG CUGAUGAG GCCGUUAGGC CGAA ACGUUGCU	16212
6848	GCAACGUU C GCAGACAG	905	CUGUCUGC CUGAUGAG GCCGUUAGGC CGAA AACGUUGC	16213
6867	AACCAGCU A GCCGUGUU	906	AACACGGC CUGAUGAG GCCGUUAGGC CGAA AGCUGGUU	16214
6875	AGCCGUGU U CCUGAUUU	907	AAAUCAGG CUGAUGAG GCCGUUAGGC CGAA ACACGGCU	16215
6876	GCCGUGUU C CUGAUUUG	908	CAAAUCAG CUGAUGAG GCCGUUAGGC CGAA AACACGGC	16216
6882	UUCCUGAU U UGUGUCAU	909	AUGACACA CUGAUGAG GCCGUUAGGC CGAA AUCAGGAA	16217
6883	UCCUGAUU U GUGUCAUG	910	CAUGACAC CUGAUGAG GCCGUUAGGC CGAA AAUCAGGA	16218
6888	AUUUGUGU C AUGACCCU	911	AGGGUCAU CUGAUGAG GCCGUUAGGC CGAA ACACAAAU	16219
6897	AUGACCCU U GUGAGCGC	912	GCGCUCAC CUGAUGAG GCCGUUAGGC CGAA AGGGUCAU	16220
6928	AGAUGGGU U GGCUAGAU	913	AUCUAGCC CUGAUGAG GCCGUUAGGC CGAA ACCCAUCU	16221
6933	GGUUGGCU A GAUAAGAC	914	GUCUUAUC CUGAUGAG GCCGUUAGGC CGAA AGCCAACC	16222
6937	GGCUAGAU A AGACCAAG	915	CUUGGUCU CUGAUGAG GCCGUUAGGC CGAA AUCUAGCC	16223
6954	AGUGACAU A AGCAGUUU	916	AAACUGCU CUGAUGAG GCCGUUAGGC CGAA AUGUCACU	16224
6961	UAAGCAGU U UGUUUGGG	917	CCCAAACA CUGAUGAG GCCGUUAGGC CGAA ACUGCUUA	16225
6962	AAGCAGUU U GUUUGGGC	918	GCCCAAAC CUGAUGAG GCCGUUAGGC CGAA AACUGCUU	16226
6965	CAGUUUGU U UGGGCAAA	919	UUUGCCCA CUGAUGAG GCCGUUAGGC CGAA ACAAACUG	16227
6966	AGUUUGUU U GGGCAAAG	920	CUUUGCCC CUGAUGAG GCCGUUAGGC CGAA AACAAACU	16228
6978	CAAAGAAU U GAGGUCAA	921	UUGACCUC CUGAUGAG GCCGUUAGGC CGAA AUUCUUUG	16229
6984	AUUGAGGU C AAGGAGAA	922	UUCUCCUU CUGAUGAG GCCGUUAGGC CGAA ACCUCAAU	16230
6994	AGGAGAAU U UCAGCAUG	923	CAUGCUGA CUGAUGAG GCCGUUAGGC CGAA AUUCUCCU	16231
6995	GGAGAAUU U CAGCAUGG	924	CCAUGCUG CUGAUGAG GCCGUUAGGC CGAA AAUUCUCC	16232
6996	GAGAAUUU C AGCAUGGG	925	CCCAUGCU CUGAUGAG GCCGUUAGGC CGAA AAAUUCUC	16233
7010	GGGAGAGU U UCUUUUGG	926	CCAAAAGA CUGAUGAG GCCGUUAGGC CGAA ACUCUCCC	16234
7011	GGAGAGUU U CUUUUGGA	927	UCCAAAAG CUGAUGAG GCCGUUAGGC CGAA AACUCUCC	16235
7012	GAGAGUUU C UUUUGGAC	928	GUCCAAAA CUGAUGAG GCCGUUAGGC CGAA AAACUCUC	16236
7014	GAGUUUCU U UUGGACUU	929	AAGUCCAA CUGAUGAG GCCGUUAGGC CGAA AGAAACUC	16237
7015	AGUUUCUU U UGGACUUG	930	CAAGUCCA CUGAUGAG GCCGUUAGGC CGAA AAGAAACU	16238
7016	GUUUCUUU U GGACUUGA	931	UCAAGUCC CUGAUGAG GCCGUUAGGC CGAA AAAGAAAC	16239
7022	UUUGGACU U GAGGCCGG	932	CCGGCCUC CUGAUGAG GCCGUUAGGC CGAA AGUCCAAA	16240
7043	AGCCUGGU C ACUGUACG	933	CGUACAGU CUGAUGAG GCCGUUAGGC CGAA ACCAGGCU	16241
7049	GUCACUGU A CGCUGUGA	934	UCACAGCG CUGAUGAG GCCGUUAGGC CGAA ACAGUGAC	16242
7068	ACAGCGGU C CUCACUCC	935	GGAGUGAG CUGAUGAG GCCGUUAGGC CGAA ACCGCUGU	16243
7071	GCGGUCCU C ACUCCACU	936	AGUGGAGU CUGAUGAG GCCGUUAGGC CGAA AGGACCGC	16244
7075	UCCUCACU C CACUGCUA	937	UAGCAGUG CUGAUGAG GCCGUUAGGC CGAA AGUGAGGA	
7083	CCACUGCU A AAGCAUUU	938	AAAUGCUU CUGAUGAG GCCGUUAGGC CGAA AGCAGUGG	16245
7090	UAAAGCAU U UGAUCACG	939	CGUGAUCA CUGAUGAG GCCGUUAGGC CGAA AUGCUUUA	16246
7091	AAAGCAUU U GAUCACGU	940		16247
7095	CAUUUGAU C ACGUCAGA	941	ACGUGAUC CUGAUGAG GCCGUUAGGC CGAA AAUGCUUU	16248
1033	CACCOCAGA C ACCOCAGA	7.57	UCUGACGU CUGAUGAG GCCGUUAGGC CGAA AUCAAAUG	16249

PCT/US01/48350 WO 02/068637 Table III GAUCACGU C AGAUUACA 942 UGUAAUCU CUGAUGAG GCCGUUAGGC CGAA ACGUGAUC 16250 7100 GUUGAUGU CUGAUGAG GCCGUUAGGC CGAA AUCUGACG 16251 7105 CGUCAGAU U ACAUCAAC 943 GUCAGAUU A CAUCAACA 944 UGUUGAUG CUGAUGAG GCCGUUAGGC CGAA AAUCUGAC 16252 7106 GAUUACAU C AACACCUC 945 GAGGUGUU CUGAUGAG GCCGUUAGGC CGAA AUGUAAUC 16253 7110 AGGUCAAU CUGAUGAG GCCGUUAGGC CGAA AGGUGUUG 16254 CAACACCU C AUUGACCU 946 7118 UUGAGGUC CUGAUGAG GCCGUUAGGC CGAA AUGAGGUG 16255 CACCUCAU U GACCUCAA 947 7121 AUUGACCU C AAUAAACG 948 CGUUUAUU CUGAUGAG GCCGUUAGGC CGAA AGGUCAAU 16256 7127 UGAACGUU CUGAUGAG GCCGUUAGGC CGAA AUUGAGGU 16257 7131 ACCUCAAU A AACGUUCA 949 CUUGCCUG CUGAUGAG GCCGUUAGGC CGAA ACGUUUAU 16258 AUAAACGU U CAGGCAAG 950 7137 951 ACUUGCCU CUGAUGAG GCCGUUAGGC CGAA AACGUUUA 16259 UAAACGUU C AGGCAAGU 7138 952 AGUGUGAA CUGAUGAG GCCGUUAGGC CGAA AGUGCACU 16260 AGUGCACU A UUCACACU 7152 CGAGUGUG CUGAUGAG GCCGUUAGGC CGAA AUAGUGCA UGCACUAU U CACACUCG 953 16261 7154 GCGAGUGU CUGAUGAG GCCGUUAGGC CGAA AAUAGUGC 16262 GCACUAUU C ACACUCGC 954 7155 CCUCGCGC CUGAUGAG GCCGUUAGGC CGAA AGUGUGAA UUCACACU C GCGCGAGG 955 16263 7161 16264 GCGAGGCU U CCCCUUCG 956 CGAAGGGG CUGAUGAG GCCGUUAGGC CGAA AGCCUCGC 7172 ACGAAGGG CUGAUGAG GCCGUUAGGC CGAA AAGCCUCG 16265 7173 CGAGGCUU C CCCUUCGU 957 CAUCGACG CUGAUGAG GCCGUUAGGC CGAA AGGGGAAG 16266 CUUCCCCU U CGUCGAUG 958 7178 ACAUCGAC CUGAUGAG GCCGUUAGGC CGAA AAGGGGAA 16267 7179 UUCCCCUU C GUCGAUGU 959 CCAACAUC CUGAUGAG GCCGUUAGGC CGAA ACGAAGGG 16268 CCCUUCGU C GAUGUUGG 960 7182 GACACUCC CUGAUGAG GCCGUUAGGC CGAA ACAUCGAC 16269 961 GUCGAUGU U GGAGUGUC 7188 GGAGAGCC CUGAUGAG GCCGUUAGGC CGAA ACACUCCA 16270 UGGAGUGU C GGCUCUCC 962 7196 UAGCAGGA CUGAUGAG GCCGUUAGGC CGAA AGCCGACA 16271 UGUCGGCU C UCCUGCUA 963 7201 UCGGCUCU C CUGCUAGC GCUAGCAG CUGAUGAG GCCGUUAGGC CGAA AGAGCCGA 16272 964 7203

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CUCACCGU U ACGGUAAC

UCACCGUU A CGGUAACA

GUUACGGU A ACAGCGGC

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ACACUCCU U UUUUGCCA

CACUCCUU U UUUGCCAC

ACUCCUUU U UUGCCACU

CUCCUUUU U UGCCACUA

UCCUUUUU U GCCACUAU

UUGCCACU A UGCCUACA

CUAUGCCU A CAUGGUUC

UACAUGGU U CCCGGUUG

ACAUGGUU C CCGGUUGG

UUCCCGGU U GGCAAGCU

AAUGCGCU C AGCCCAGC

GCCGGAAU C AUGAAGAA

AACGCUGU A GUGGAUGG

GAUGGCAU C GUGGCCAC

ACGGACGU C CCAGAAUU

CCCAGAAU U AGAGCGCA

CCAGAAUU A GAGCGCAC

ACACCCAU C AUGCAGAA

AAGAAAGU U GGACAGAU

GGACAGAU C AUGCUGAU

AUGCUGAU C UUGGUGUC

GCUGAUCU U GGUGUCUC

CUUGGUGU C UCUAGCUG

UGGUGUCU C UAGCUGCA

GUGUCUCU A GCUGCAGU

GCUGCAGU A GUAGUGAA

GCAGUAGU A GUGAACCC

GAACCCGU C UGUGAAGA

AAGACAGU A CGAGAAGC

GCCGGAAU U UUGAUCAC

CCGGAAUU U UGAUCACG

CGGAAUUU U GAUCACGG

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CCGGCUGC CUGAUGAG GCCGUUAGGC CGAA AGCAGGAG

GUGAGGGU CUGAUGAG GCCGUUAGGC CGAA ACUUGUCC

GUAACGGU CUGAUGAG GCCGUUAGGC CGAA AGGGUGAC

GUUACCGU CUGAUGAG GCCGUUAGGC CGAA ACGGUGAG

UGUUACCG CUGAUGAG GCCGUUAGGC CGAA AACGGUGA

GCCGCUGU CUGAUGAG GCCGUUAGGC CGAA ACCGUAAC

CAAAAAAG CUGAUGAG GCCGUUAGGC CGAA AGUGUUGC

UGGCAAAA CUGAUGAG GCCGUUAGGC CGAA AGGAGUGU

GUGGCAAA CUGAUGAG GCCGUUAGGC CGAA AAGGAGUG

AGUGGCAA CUGAUGAG GCCGUUAGGC CGAA AAAGGAGU

UAGUGGCA CUGAUGAG GCCGUUAGGC CGAA AAAAGGAG

AUAGUGGC CUGAUGAG GCCGUUAGGC CGAA AAAAAGGA

UGUAGGCA CUGAUGAG GCCGUUAGGC CGAA AGUGGCAA

GAACCAUG CUGAUGAG GCCGUUAGGC CGAA AGGCAUAG

CAACCGGG CUGAUGAG GCCGUUAGGC CGAA ACCAUGUA

CCAACCGG CUGAUGAG GCCGUUAGGC CGAA AACCAUGU

AGCUUGCC CUGAUGAG GCCGUUAGGC CGAA ACCGGGAA

GCUGGGCU CUGAUGAG GCCGUUAGGC CGAA AGCGCAUU

UUCUUCAU CUGAUGAG GCCGUUAGGC CGAA AUUCCGGC

CCAUCCAC CUGAUGAG GCCGUUAGGC CGAA ACAGCGUU

GUGGCCAC CUGAUGAG GCCGUUAGGC CGAA AUGCCAUC

AAUUCUGG CUGAUGAG GCCGUUAGGC CGAA ACGUCCGU

UGCGCUCU CUGAUGAG GCCGUUAGGC CGAA AUUCUGGG

GUGCGCUC CUGAUGAG GCCGUUAGGC CGAA AAUUCUGG

UUCUGCAU CUGAUGAG GCCGUUAGGC CGAA AUGGGUGU

AUCUGUCC CUGAUGAG GCCGUUAGGC CGAA ACUUUCUU

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7542	GUGACGCU U UGGGAGAA	1005	UUCUCCCA CUGAUGAG GCCGUUAGGC CGAA AGCGUCAC	16313
7543	UGACGCUU U GGGAGAAU	1006	AUUCUCCC CUGAUGAG GCCGUUAGGC CGAA AAGCGUCA	16314
7562	AGCAAGCU C UGUUUGGA	1007	UCCAAACA CUGAUGAG GCCGUUAGGC CGAA AGCUUGCU	16315
7566	AGCUCUGU U UGGAACGC	1008	GCGUUCCA CUGAUGAG GCCGUUAGGC CGAA ACAGAGCU	16316
7567	GCUCUGUU U GGAACGCA	1009	UGCGUUCC CUGAUGAG GCCGUUAGGC CGAA AACAGAGC	16317
7587	ACUGCCAU C GGACUCUG	1010	CAGAGUCC CUGAUGAG GCCGUUAGGC CGAA AUGGCAGU	16318
7593	AUCGGACU C UGCCACAU	1011	AUGUGGCA CUGAUGAG GCCGUUAGGC CGAA AGUCCGAU	16319
	UGCCACAU C AUGCGUGG	1012	CCACGCAU CUGAUGAG GCCGUUAGGC CGAA AUGUGGCA	16320
7602		1013	UGAÇAACC CUGAUGAG GCCGUUAGGC CGAA ACCCCCAC	16321
7615	GUGGGGGU U GGUUGUCA			16322
7619	GGGUUGGU U GUCAUGUC	1014		16323
7622	UUGGUUGU C AUGUCUAU	1015	AUAGACAU CUGAUGAG GCCGUUAGGC CGAA ACAACCAA	
7627	UGUCAUGU C UAUCCAUA	1016	UAUGGAUA CUGAUGAG GCCGUUAGGC CGAA ACAUGACA	16324
7629	UCAUGUCU A UCCAUAAC	1017	GUUAUGGA CUGAUGAG GCCGUUAGGC CGAA AGACAUGA	16325
7631	AUGUCUAU C CAUAACAU	1018	AUGUUAUG CUGAUGAG GCCGUUAGGC CGAA AUAGACAU	16326
7635	CUAUCCAU A ACAUGGAC	1019	GUCCAUGU CUGAUGAG GCCGUUAGGC CGAA AUGGAUAG	16327
7647	UGGACACU C AUAAAGAA	1020	UUCUUUAU CUGAUGAG GCCGUUAGGC CGAA AGUGUCCA	16328
7650	ACACUCAU A AAGAACAU	1021	AUGUUCUU CUGAUGAG GCCGUUAGGC CGAA AUGAGUGU	16329
7674	CCAGGACU A AAAAGAGG	1022	CCUCUUUU CUGAUGAG GCCGUUAGGC CGAA AGUCCUGG	16330
7703	ACGCACCU U GGGAGAGG	1023	CCUCUCCC CUGAUGAG GCCGUUAGGC CGAA AGGUGCGU	16331
7713	GGAGAGGU U UGGAAAGA	1024	UCUUUCCA CUGAUGAG GCCGUUAGGC CGAA ACCUCUCC	16332
7714	GAGAGGUU U GGAAAGAA	1025	UUCUUUCC CUGAUGAG GCCGUUAGGC CGAA AACCUCUC	16333
7728	GAAAGACU C AACCAGAU	1026	AUCUGGUU CUGAUGAG GCCGUUAGGC CGAA AGUCUUUC	16334
7751	AGAAGAGU U CACUAGGU	1027	ACCUAGUG CUGAUGAG GCCGUUAGGC CGAA ACUCUUCU	16335
7752	GAAGAGUU C ACUAGGUA	1028	UACCUAGU CUGAUGAG GCCGUUAGGC CGAA AACUCUUC	16336
7756	AGUUCACU A GGUACCGC	1029	GCGGUACC CUGAUGAG GCCGUUAGGC CGAA AGUGAACU	16337
7760	CACUAGGU A CCGCAAAG	1030	CUUUGCGG CUGAUGAG GCCGUUAGGC CGAA ACCUAGUG	16338
7776	GAGGCCAU C AUCGAAGU	1031	ACUUCGAU CUGAUGAG GCCGUUAGGC CGAA AUGGCCUC	16339
7779	GCCAUCAU C GAAGUCGA	1032	UCGACUUC CUGAUGAG GCCGUUAGGC CGAA AUGAUGGC	16340
7785	AUCGAAGU C GAUCGCUC	1033	GAGCGAUC CUGAUGAG GCCGUUAGGC CGAA ACUUCGAU	16341
7789	AAGUCGAU C GCUCAGCG	1034	CGCUGAGC CUGAUGAG GCCGUUAGGC CGAA AUCGACUU	16342
7793	CGAUCGCU C AGCGGCAA	1035	UUGCCGCU CUGAUGAG GCCGUUAGGC CGAA AGCGAUCG	16343
7827	GGCAAUGU C ACUGGAGG	1036	CCUCCAGU CUGAUGAG GCCGUUAGGC CGAA ACAUUGCC	16344
7840	GAGGGCAU C CAGUCUCU	1037	AGAGACUG CUGAUGAG GCCGUUAGGC CGAA AUGCCCUC	16345
7845	CAUCCAGU C UCUAGGGG	1038	CCCCUAGA CUGAUGAG GCCGUUAGGC CGAA ACUGGAUG	16346
7847	UCCAGUCU C UAGGGGCA	1039	UGCCCCUA CUGAUGAG GCCGUUAGGC CGAA AGACUGGA	16347
7849	CAGUCUCU A GGGGCACA	1040	UGUGCCCC CUGAUGAG GCCGUUAGGC CGAA AGAGACUG	16348
7878	UGGCUGGU C GAACGGAG	1041	CUCCGUUC CUGAUGAG GCCGUUAGGC CGAA ACCAGCCA	16349
7889	ACGGAGGU U UCUCGAAC	1042	GUUCGAGA CUGAUGAG GCCGUUAGGC CGAA ACCUCCGU	16350
7890	CGGAGGUU U CUCGAACC	1043	GGUUCGAG CUGAUGAG GCCGUUAGGC CGAA AACCUCCG	16351
7891	GGAGGUUU C UCGAACCG	1044	CGGUUCGA CUGAUGAG GCCGUUAGGC CGAA AAACCUCC	16352
7893	AGGUUUCU C GAACCGGU	1045	ACCGGUUC CUGAUGAG GCCGUUAGGC CGAA AGAAACCU	16353
7902	GAACCGGU C GGAAAAGU	1046	ACUUUUCC CUGAUGAG GCCGUUAGGC CGAA ACCGGUUC	16354
7914	AAAGUGAU U GACCUUGG	1047	CCAAGGUC CUGAUGAG GCCGUUAGGC CGAA AUCACUUU	16355
7920	AUUGACCU U GGAUGUGG	1048	CCACAUCC CUGAUGAG GCCGUUAGGC CGAA AGGUCAAU	16356
7939	GAGGCGGU U GGUGUUAC	1049	GUAACACC CUGAUGAG GCCGUUAGGC CGAA ACCGCCUC	16357
7945	GUUGGUGU U ACUAUAUG	1050	CAUAUAGU CUGAUGAG GCCGUUAGGC CGAA ACACCAAC	16358
7946	UUGGUGUU A CUAUAUGG	1051	CCAUAUAG CUGAUGAG GCCGUUAGGC CGAA ACACCAAC	16359
7949	GUGUUACU A UAUGGCAA	1051	UUGCCAUA CUGAUGAG GCCGUUAGGC CGAA AGUAACAC	16360
7951	GUUACUAU A UGGCAACC	1052	GGUUGCCA CUGAUGAG GCCGUUAGGC CGAA AUAGUAAC	16361
7971	AAAAGAGU C CAAGAAGU	1053	ACUUCUUG CUGAUGAG GCCGUUAGGC CGAA ACUCUUUU	16362
7980	CAAGAAGU C AGAGGGUA	1055	UACCCUCU CUGAUGAG GCCGUUAGGC CGAA ACUUCUUG	16363
7988	CAGAGGGU A CACAAAGG	1056	CCUUUGUG CUGAUGAG GCCGUUAGGC CGAA ACCCUCUG	16364
8002	AGGGCGGU C CCGGACAU	1057	AUGUCCGG CUGAUGAG GCCGUUAGGC CGAA ACCGCCCU	16365
8025	CCCCAACU A GUGCAAAG	1058	CUUUGCAC CUGAUGAG GCCGUUAGGC CGAA AGUUGGGG	16366
8035	UGCAAAGU U AUGGAUGG	1059	CCAUCCAU CUGAUGAG GCCGUUAGGC CGAA ACUUUGCA	16367
8036	GCAAAGUU A UGGAUGGA	1060	UCCAUCCA CUGAUGAG GCCGUUAGGC CGAA AACUUUGC	16368
8049	UGGAACAU U GUCACCAU	1061	AUGGUGAC CUGAUGAG GCCGUUAGGC CGAA AUGUUCCA	16369
8052	AACAUUGU C ACCAUGAA	1062	UUCAUGGU CUGAUGAG GCCGUUAGGC CGAA ACAAUGUU	16370
8078	GGAUGUGU U CUACAGAC	1063	GUCUGUAG CUGAUGAG GCCGUUAGGC CGAA ACACAUCC	16371
8079	GAUGUGUU C UACAGACC	1064	GGUCUGUA CUGAUGAG GCCGUUAGGC CGAA AACACAUC	16372
8081	UGUGUUCU A CAGACCUU	1065	AAGGUCUG CUGAUGAG GCCGUUAGGC CGAA AGAACACA	16373
8089	ACAGACCU U CUGAGUGU	1066	ACACUCAG CUGAUGAG GCCGUUAGGC CGAA AGGUCUGU	16374
8090	CAGACCUU C UGAGUGUU	1067	AACACUCA CUGAUGAG GCCGUUAGGC CGAA AAGGUCUG	16375
			70	

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8098	CUGAGUGU U GUGACACC	1068	GGUGUCAC CUGAUGAG GCCGUUAGGC CGAA ACACUCAG	16376
8109	GACACCCU C CUUUGUGA	1069	UCACAAAG CUGAUGAG GCCGUUAGGC CGAA AGGGUGUC	16377
8112	ACCCUCCU U UGUGACAU	1070	AUGUCACA CUGAUGAG GCCGUUAGGC CGAA AGGAGGGU	16378
8113	CCCUCCUU U GUGACAUC	1071	GAUGUCAC CUGAUGAG GCCGUUAGGC CGAA AAGGAGGG	16379
8121	UGUGACAU C GGAGAGUC	1072	GACUCUCC CUGAUGAG GCCGUUAGGC CGAA AUGUCACA	16380
8129	CGGAGAGU C CUCGUCAA	1073	UUGACGAG CUGAUGAG GCCGUUAGGC CGAA ACUCUCCG	16381
8132	AGAGUCCU C GUCAAGUG	1074	CACUUGAC CUGAUGAG GCCGUUAGGC CGAA AGGACUCU	16382
8135	GUCCUCGU C AAGUGCUG	1075	CAGCACUU CUGAUGAG GCCGUUAGGC CGAA ACGAGGAC	16383
8148	GCUGAGGU U GAAGAGCA	1076	UGCUCUUC CUGAUGAG GCCGUUAGGC CGAA ACCUCAGC	16384
8158	AAGAGCAU A GGACGAUU	1077	AAUCGUCC CUGAUGAG GCCGUUAGGC CGAA AUGCUCUU	16385
8166	AGGACGAU U CGGGUCCU	1078	AGGACCCG CUGAUGAG GCCGUUAGGC CGAA AUCGUCCU	16386
$\overline{}$	GGACGAUU C GGGUCCUU	1079	AAGGACCC CUGAUGAG GCCGUUAGGC CGAA AAUCGUCC	16387
8167	AUUCGGGU C CUUGAAAU	1080	AUUUCAAG CUGAUGAG GCCGUUAGGC CGAA ACCCGAAU	16388
8172		1080		
8175	CGGGUCCU U GAAAUGGU			16389
8184	GAAAUGGU U GAGGACUG	1082	CAGUCCUC CUGAUGAG GCCGUUAGGC CGAA ACCAUUUC	16390
8216	AAGGGAAU U UUGCGUGA	1083	UCACGCAA CUGAUGAG GCCGUUAGGC CGAA AUUCCCUU	16391
8217	AGGGAAUU U UGCGUGAA	1084	UUCACGCA CUGAUGAG GCCGUUAGGC CGAA AAUUCCCU	16392
8218	GGGAAUUU U GCGUGAAG	1085	CUUCACGC CUGAUGAG GCCGUUAGGC CGAA AAAUUCCC	16393
8232	AAGGUGCU C UGCCCCUA	1086	UAGGGGCA CUGAUGAG GCCGUUAGGC CGAA AGCACCUU	16394
8240	CUGCCCCU A CAUGCCGA	1087	UCGGCAUG CUGAUGAG GCCGUUAGGC CGAA AGGGGCAG	16395
8253	CCGAAAGU C AUAGAGAA	1088	UUCUCUAU CUGAUGAG GCCGUUAGGC CGAA ACUUUCGG	16396
8256	AAAGUCAU A GAGAAGAU	1089	AUCUUCUC CUGAUGAG GCCGUUAGGC CGAA AUGACUUU	16397
8274	GAGCUGCU C CAACGCCG	1090	CGGCGUUG CUGAUGAG GCCGUUAGGC CGAA AGCAGCUC	16398
8285	ACGCCGGU A UGGGGGGG	1091	CCCCCCA CUGAUGAG GCCGUUAGGC CGAA ACCGGCGU	16399
8301	GGACUGGU C AGAAACCC	1092	GGGUUUCU CUGAUGAG GCCGUUAGGC CGAA ACCAGUCC	16400
8313	AACCCACU C UCACGGAA	1093	UUCCGUGA CUGAUGAG GCCGUUAGGC CGAA AGUGGGUU	16401
8315	CCCACUCU C ACGGAAUU	1094	AAUUCCGU CUGAUGAG GCCGUUAGGC CGAA AGAGUGGG	16402
B323	CACGGAAU U CCACGCAC	1095	GUGCGUGG CUGAUGAG GCCGUUAGGC CGAA AUUCCGUG	16403
		1096	CGUGCGUG CUGAUGAG GCCGUUAGGC CGAA AAUUCCGU	16404
8324		 	<u> </u>	
8339	CGAGAUGU A UUGGGUGA	1097	UCACCCAA CUGAUGAG GCCGUUAGGC CGAA ACAUCUCG	16405
8341	AGAUGUAU U GGGUGAGU	1098	ACUCACCC CUGAUGAG GCCGUUAGGC CGAA AUACAUCU	16406
8350	GGGUGAGU C GAGCUUCA	1099	UGAAGCUC CUGAUGAG GCCGUUAGGC CGAA ACUCACCC	16407
8356	GUCGAGCU U CAGGCAAU	1100	AUUGCCUG CUGAUGAG GCCGUUAGGC CGAA AGCUCGAC	16408
8357	UCGAGCUU C AGGCAAUG	1101	CAUUGCCU CUGAUGAG GCCGUUAGGC CGAA AAGCUCGA	16409
8370	AAUGUGGU A CAUUCAGU	1102	ACUGAAUG CUGAUGAG GCCGUUAGGC CGAA ACCACAUU	16410
8374	UGGUACAU U CAGUGAAU	1103	AUUCACUG CUGAUGAG GCCGUUAGGC CGAA AUGUACCA	16411
8375	GGUACAUU C AGUGAAUA	1104	UAUUCACU CUGAUGAG GCCGUUAGGC CGAA AAUGUACC	16412
8383	CAGUGAAU A UGACCAGC	1105	GCUGGUCA CUGAUGAG GCCGUUAGGC CGAA AUUCACUG	16413
8400	CAGGUGCU C CUAGGAAG	1106	CUUCCUAG CUGAUGAG GCCGUUAGGC CGAA AGCACCUG	16414
8403	GUGCUCCU A GGAAGAAU	1107	AUUCUUCC CUGAUGAG GCCGUUAGGC CGAA AGGAGCAC	16415
8441	ACCCCAAU A CGAGGAAG	1108	CUUCCUCG CUGAUGAG GCCGUUAGGC CGAA AUUGGGGU	16416
8454	GAAGAUGU A AACUUGGG	1109	CCCAAGUU CUGAUGAG GCCGUUAGGC CGAA ACAUCUUC	16417
8459	UGUAAACU U GGGAAGUG	1110	CACUUCCC CUGAUGAG GCCGUUAGGC CGAA AGUUUACA	16418
8496	CCCCUGCU C AACUCAGA	1111	UCUGAGUU CUGAUGAG GCCGUUAGGC CGAA AGCAGGGG	16419
8501	GCUCAACU C AGACACCA	1112	UGGUGUCU CUGAUGAG GCCGUUAGGC CGAA AGUUGAGC	16420
8512	ACACCAGU A AAAUCAAG	1113	CUUGAUUU CUGAUGAG GCCGUUAGGC CGAA ACUGGUGU	16421
8512	AGUAAAAU C AAGAACAG	1113	CUGUUCUU CUGAUGAG GCCGUUAGGC CGAA AUUUUACU	
				16422
8529	AACAGGAU U GAACGACU	1115	AGUCGUUC CUGAUGAG GCCGUUAGGC CGAA AUCCUGUU	16423
853B	GAACGACU C AGGCGUGA	1116	UCACGCCU CUGAUGAG GCCGUUAGGC CGAA AGUCGUUC	16424
8549	GCGUGAGU A CAGUUCGA	1117	UCGAACUG CUGAUGAG GCCGUUAGGC CGAA ACUCACGC	16425
8554	AGUACAGU U CGACGUGG	1118	CCACGUCG CUGAUGAG GCCGUUAGGC CGAA ACUGUACU	16426
8555	GUACAGUU C GACGUGGC	1119	GCCACGUC CUGAUGAG GCCGUUAGGC CGAA AACUGUAC	16427
8585	CCACCCAU A UAGAACCU	1120	AGGUUCUA CUGAUGAG GCCGUUAGGC CGAA AUGGGUGG	16428
8587	ACCCAUAU A GAACCUGG	1121	CCAGGUUC CUGAUGAG GCCGUUAGGC CGAA AUAUGGGU	16429
8600	CUGGAACU A UCACGGCA	1122	UGCCGUGA CUGAUGAG GCCGUUAGGC CGAA AGUUCCAG	16430
8602	GGAACUAU C ACGGCAGU	1123	ACUGCCGU CUGAUGAG GCCGUUAGGC CGAA AUAGUUCC	16431
8611	ACGGCAGU U AUGAUGUG	1124	CACAUCAU CUGAUGAG GCCGUUAGGC CGAA ACUGCCGU	16432
8612	CGGCAGUU A UGAUGUGA	1125	UCACAUCA CUGAUGAG GCCGUUAGGC CGAA AACUGCCG	16433
B633	CACAGGCU C CGCCAGUU	1126	AACUGGCG CUGAUGAG GCCGUUAGGC CGAA AGCCUGUG	16434
8641	CCGCCAGU U CGCUGGUC	1127	GACCAGCG CUGAUGAG GCCGUUAGGC CGAA ACUGGCGG	16435
8642	CGCCAGUU C GCUGGUCA	1128	UGACCAGC CUGAUGAG GCCGUUAGGC CGAA ACUGGCG UGACCAGC CUGAUGAG GCCGUUAGGC CGAA AACUGGCG	
8649	UCGCUGGU C AAUGGAGU	1129	ACUCCAUU CUGAUGAG GCCGUUAGGC CGAA ACCAGCGA	16436
		+		16437
8661	GGAGUGGU C AGGCUCCU	1130	AGGAGCCU CUGAUGAG GCCGUUAGGC CGAA ACCACUCC	16438

Table III

8667	GUCAGGCU C CUCUCAAA	1131	UUUGAGAG CUGAUGAG GCCGUUAGGC CGAA AGCCUGAC	16439
	AGGCUCCU C UCAAAACC	1132	GGUUUUGA CUGAUGAG GCCGUUAGGC CGAA AGGAGCCU	
8670				16440
8672	GCUCCUCU C AAAACCAU	1133	AUGGUUUU CUGAUGAG GCCGUUAGGC CGAA AGAGGAGC	16441
8691	GACACCAU C ACGAAUGU	1134	ACAUUCGU CUGAUGAG GCCGUUAGGC CGAA AUGGUGUC	16442
8700	ACGAAUGU U ACCACCAU	1135	AUGGUGGU CUGAUGAG GCCGUUAGGC CGAA ACAUUCGU	16443
8701	CGAAUGUU A CCACCAUG	1136	CAUGGUGG CUGAUGAG GCCGUUAGGC CGAA AACAUUCG	16444
8725	CUGACACU A CUCCCUUC	1137	GAAGGGAG CUGAUGAG GCCGUUAGGC CGAA AGUGUCAG	16445
8728	ACACUACU C CCUUCGGG	1138	CCCGAAGG CUGAUGAG GCCGUUAGGC CGAA AGUAGUGU	16446
8732	UACUCCCU U CGGGCAGC	1139	GCUGCCCG CUGAUGAG GCCGUUAGGC CGAA AGGGAGUA	16447
8733	ACUCCCUU C GGGCAGCA	1140	UGCUGCCC CUGAUGAG GCCGUUAGGC CGAA AAGGGAGU	16448
8750	GCGAGUGU U CAAAGAGA	1141	UCUCUUUG CUGAUGAG GCCGUUAGGC CGAA ACACUCGC	16449
8751	CGAGUGUU C AAAGAGAA	1142	UUCUCUUU CUGAUGAG GCCGUUAGGC CGAA AACACUCG	16450
8776	CGAAGCU C CUGAACCG	1143	CGGUUCAG CUGAUGAG GCCGUUAGGC CGAA AGCUUUCG	
			UGAGCACG CUGAUGAG GCCGUUAGGC CGAA ACUUCACU	16451
8801	AGUGAAGU A CGUGCUCA	1144		16452
8808	UACGUGCU C AAUGAGAC	1145	GUCUCAUU CUGAUGAG GCCGUUAGGC CGAA AGCACGUA	16453
8828	CAACUGGU U GUGGGCGU	1146	ACGCCCAC CUGAUGAG GCCGUUAGGC CGAA ACCAGUUG	16454
8837	GUGGGCGU U UUUGGCCA	1147	UGGCCAAA CUGAUGAG GCCGUUAGGC CGAA ACGCCCAC	16455
8838	UGGGCGUU U UUGGCCAG	1148	CUGGCCAA CUGAUGAG GCCGUUAGGC CGAA AACGCCCA	16456
8839	GGGCGUUU U UGGCCAGA	1149	UCUGGCCA CUGAUGAG GCCGUUAGGC CGAA AAACGCCC	16457
8840	GGCGUUUU U GGCCAGAG	1150	CUCUGGCC CUGAUGAG GCCGUUAGGC CGAA AAAACGCC	16458
8857	AAAAACGU C CCAGAAUG	1151	CAUUCUGG CUGAUGAG GCCGUUAGGC CGAA ACGUUUUU	16459
8870	AAUGUGCU C UCGAGAGG	1152	CCUCUCGA CUGAUGAG GCCGUUAGGC CGAA AGCACAUU	16460
8872	UGUGCUCU C GAGAGGAA	1153	UUCCUCUC CUGAUGAG GCCGUUAGGC CGAA AGAGCACA	16461
8882	AGAGGAAU U CAUAAGAA	1154	UUCUUAUG CUGAUGAG GCCGUUAGGC CGAA AUUCCUCU	16462
8883	GAGGAAUU C AUAAGAAA	1155	UUUCUUAU CUGAUGAG GCCGUUAGGC CGAA AAUUCCUC	16463
8886	GAAUUCAU A AGAAAGGU	1156	ACCUUUCU CUGAUGAG GCCGUUAGGC CGAA AUGAAUUC	16464
8895	AGAAAGGU C AACAGCAA	1157	UUGCUGUU CUGAUGAG GCCGUUAGGC CGAA ACCUUUCU	16465
8911	AUGCAGCU U UGGGUGCC	1158	GGCACCCA CUGAUGAG GCCGUUAGGC CGAA AGCUGCAU	16466
8912	UGCAGCUU U GGGUGCCA	1159	UGGCACCC CUGAUGAG GCCGUUAGGC CGAA AAGCUGCA	16467
8924	UGCCAUGU U UGAAGAGC	1160	GCUCUUCA CUGAUGAG GCCGUUAGGC CGAA ACAUGGCA	
8925	GCCAUGUU U GAAGAGCA	1161	UGCUCUUC CUGAUGAG GCCGUUAGGC CGAA AACAUGGC	16468
8938	AGCAGAAU C AAUGGAGG			16469
		1162	CCUCCAUU CUGAUGAG GCCGUUAGGC CGAA AUUCUGCU	16470
8964	GAAGCAGU U GAAGAUCC	1163	GGAUCUUC CUGAUGAG GCCGUUAGGC CGAA ACUGCUUC	16471
8971	UUGAAGAU C CAAAAUUU	1164	AAAUUUUG CUGAUGAG GCCGUUAGGC CGAA AUCUUCAA	16472
8978	UCCAAAAU U UUGGGAGA	1165	UCUCCCAA CUGAUGAG GCCGUUAGGC CGAA AUUUUGGA	16473
8979	CCAAAAUU U UGGGAGAU	1166	AUCUCCCA CUGAUGAG GCCGUUAGGC CGAA AAUUUUGG	16474
8980	CAAAAUUU U GGGAGAUG	1167	CAUCUCCC CUGAUGAG GCCGUUAGGC CGAA AAAUUUUG	16475
9013	AGGCACAU C UGCGGGGG	1168	CCCCCGCA CUGAUGAG GCCGUUAGGC CGAA AUGUGCCU	16476
9028	GGGAAUGU C ACACUUGC	1169	GCAAGUGU CUGAUGAG GCCGUUAGGC CGAA ACAUUCCC	16477
9034	GUCACACU U GCAUUUAC	1170	GUAAAUGC CUGAUGAG GCCGUUAGGC CGAA AGUGUGAC	16478
9039	ACUUGCAU U UACAACAU	1171	AUGUUGUA CUGAUGAG GCCGUUAGGC CGAA AUGCAAGU	16479
9040	CUUGCAUU U ACAACAUG	1172	CAUGUUGU CUGAUGAG GCCGUUAGGC CGAA AAUGCAAG	16480
9041	UUGCAUUU A CAACAUGA	1173	UCAUGUUG CUGAUGAG GCCGUUAGGC CGAA AAAUGCAA	16481
9080	CGGAGAGU U CGGAAAGG	1174	CCUUUCCG CUGAUGAG GCCGUUAGGC CGAA ACUCUCCG	16482
9081	GGAGAGUU C GGAAAGGC	1175	GCCUUUCC CUGAUGAG GCCGUUAGGC CGAA AACUCUCC	16483
9108	AGAGCCAU U UGGUUCAU	1176	AUGAACCA CUGAUGAG GCCGUUAGGC CGAA AUGGCUCU	16484
9109	GAGCCAUU U GGUUCAUG	1177	CAUGAACC CUGAUGAG GCCGUUAGGC CGAA AAUGGCUC	16485
9113	CAUUUGGU U CAUGUGGC	1178	GCCACAUG CUGAUGAG GCCGUUAGGC CGAA ACCAAAUG	16486
9114	AUUUGGUU C AUGUGGCU	1179	AGCCACAU CUGAUGAG GCCGUUAGGC CGAA AACCAAAU	16487
9123	AUGUGGCU C GGAGCUCG	1180	CGAGCUCC CUGAUGAG GCCGUUAGGC CGAA AGCCACAU	16488
9130	UCGGAGCU C GCUUUCUG	1181	CAGAAAGC CUGAUGAG GCCGUUAGGC CGAA AGCUCCGA	16489
9134	AGCUCGCU U UCUGGAGU	1182	ACUCCAGA CUGAUGAG GCCGUUAGGC CGAA AGCGAGCU	16490
9135	GCUCGCUU U CUGGAGUU	1183	AACUCCAG CUGAUGAG GCCGUUAGGC CGAA AAGCGAGC	16491
9136	CUCGCUUU C UGGAGUUC	1184	GAACUCCA CUGAUGAG GCCGUUAGGC CGAA AAAGCGAG	16492
9143	UCUGGAGU U CGAGGCUC	1185	GAGCCUCG CUGAUGAG GCCGUUAGGC CGAA ACUCCAGA	16493
9144	CUGGAGUU C GAGGCUCU	1186	AGAGCCUC CUGAUGAG GCCGUUAGGC CGAA ACUCCAGA	
9151	UCGAGGCU C UGGGUUUU	1187	——————————————————————————————————————	16494
9157	CUCUGGGU U UUCUCAAU		AAAACCCA CUGAUGAG GCCGUUAGGC CGAA AGCCUCGA	16495
		1188	AUUGAGAA CUGAUGAG GCCGUUAGGC CGAA ACCCAGAG	16496
9158	UCUGGGUU U UCUCAAUG	1189	CAUUGAGA CUGAUGAG GCCGUUAGGC CGAA AACCCAGA	16497
9159	CUGGGUUU U CUCAAUGA	1190	UCAUUGAG CUGAUGAG GCCGUUAGGC CGAA AAACCCAG	16498
9160	UGGGUUUU C UCAAUGAA	1191	UUCAUUGA CUGAUGAG GCCGUUAGGC CGAA AAAACCCA	16499
9162	GGUUUUCU C AAUGAAGA	1192	UCUUCAUU CUGAUGAG GCCGUUAGGC CGAA AGAAAACC	16500
9180	CACUGGCU U GGAAGAAA	1193	UUUCUUCC CUGAUGAG GCCGUUAGGC CGAA AGCCAGUG	16501

Table III

	•		1 aoic III	
9194	AAAGAACU C AGGAGGAG	1194	CUCCUCCU CUGAUGAG GCCGUUAGGC CGAA AGUUCUUU	16502
9207	GGAGGUGU C GAGGGCUU	1195	AAGCCCUC CUGAUGAG GCCGUUAGGC CGAA ACACCUCC	16503
9215	CGAGGGCU U GGGCCUCC	1196	GGAGGCCC CUGAUGAG GCCGUUAGGC CGAA AGCCCUCG	16504
9222	UUGGGCCU C CAAAAACU	1197	AGUUUUUG CUGAUGAG GCCGUUAGGC CGAA AGGCCCAA	16505
9235	AACUGGGU U ACAUCCUG	1198	CAGGAUGU CUGAUGAG GCCGUUAGGC CGAA ACCCAGUU	16506
9236	ACUGGGUU A CAUCCUGC	1199	GCAGGAUG CUGAUGAG GCCGUUAGGC CGAA AACCCAGU	16507
9240	GGUUACAU C CUGCGUGA	1200		
		+		16508
9252	CGUGAAGU U GGCACCCG	1201	CGGGUGCC CUGAUGAG GCCGUUAGGC CGAA ACUUCACG	16509
9276	GGCAAGAU C UAUGCUGA	1202	UCAGCAUA CUGAUGAG GCCGUUAGGC CGAA AUCUUGCC	16510
9278	CAAGAUCU A UGCUGAUG	1203	CAUCAGCA CUGAUGAG GCCGUUAGGC CGAA AGAUCUUG	16511
9312	ACCCGCAU C ACGAGAGC	1204	GCUCUCGU CUGAUGAG GCCGUUAGGC CGAA AUGCGGGU	16512
9326	AGCUGACU U GGAAAAUG	1205	CAUUUUCC CUGAUGAG GCCGUUAGGC CGAA AGUCAGCU	16513
9340	AUGAAGCU A AGGUGCUU	1206	AAGCACCU CUGAUGAG GCCGUUAGGC CGAA AGCUUCAU	16514
9348	AAGGUGCU U GAGCUGCU	1207	AGCAGCUC CUGAUGAG GCCGUUAGGC CGAA AGCACCUU	16515
9357	GAGCUGCU U GAUGGGGA	1208	UCCCCAUC CUGAUGAG GCCGUUAGGC CGAA AGCAGCUC	16516
9370	GGGAACAU C GGCGUCUU	1209	AAGACGCC CUGAUGAG GCCGUUAGGC CGAA AUGUUCCC	16517
9376	AUCGGCGU C UUGCCAGG	1210	CCUGGCAA CUGAUGAG GCCGUUAGGC CGAA ACGCCGAU	16518
9378	CGGCGUCU U GCCAGGGC	1211	GCCCUGGC CUGAUGAG GCCGUUAGGC CGAA AGACGCCG	16519
9390	AGGGCCAU C AUUGAGCU	1212	AGCUCAAU CUGAUGAG GCCGUUAGGC CGAA AUGGCCCU	16520
9393	GCCAUCAU U GAGCUCAC	1213	GUGAGCUC CUGAUGAG GCCGUUAGGC CGAA AUGAUGGC	16521
9399	AUUGAGCU C ACCUAUCG	1214	CGAUAGGU CUGAUGAG GCCGUUAGGC CGAA AGCUCAAU	16522
9404	GCUCACCU A UCGUCACA	1215	UGUGACGA CUGAUGAG GCCGUUAGGC CGAA AGGUGAGC	16523
9406	UCACCUAU C GUCACAAA	1216	UUUGUGAC CUGAUGAG GCCGUUAGGC CGAA AUAGGUGA	16524
9409	CCUAUCGU C ACAAAGUU	1217	AACUUUGU CUGAUGAG GCCGUUAGGC CGAA ACGAUAGG	16525
9417	CACAAAGU U GUGAAAGU	1218	ACUUUCAC CUGAUGAG GCCGUUAGGC CGAA ACUUUGUG	16526
9456	AGAACCGU C AUGGAUGU	1219	ACAUCCAU CUGAUGAG GCCGUUAGGC CGAA ACGGUUCU	16527
9465	AUGGAUGU U AUCUCCAG	1220		
9466	UGGAUGUU A UCUCCAGA		CUGGAGAU CUGAUGAG GCCGUUAGGC CGAA ACAUCCAU	16528
$\overline{}$		1221	UCUGGAGA CUGAUGAG GCCGUUAGGC CGAA AACAUCCA	16529
9468	GAUGUUAU C UCCAGAGA	1222	UCUCUGGA CUGAUGAG GCCGUUAGGC CGAA AUAACAUC	16530
9470	UGUUAUCU C CAGAGAAG	1223	CUUCUCUG CUGAUGAG GCCGUUAGGC CGAA AGAUAACA	16531
9481	GAGAAGAU C AGAGGGGG	1224	CCCCCUCU CUGAUGAG GCCGUUAGGC CGAA AUCUUCUC	16532
9501	GGACAAGU U GUCACCUA	1225	UAGGUGAC CUGAUGAG GCCGUUAGGC CGAA ACUUGUCC	16533
9504	CAAGUUGU C ACCUACGC	1226	GCGUAGGU CUGAUGAG GCCGUUAGGC CGAA ACAACUUG	16534
9509	UGUCACCU A CGCCCUAA	1227	UUAGGGCG CUGAUGAG GCCGUUAGGC CGAA AGGUGACA	16535
9516	UACGCCCU A AACACUUU	1228	AAAGUGUU CUGAUGAG GCCGUUAGGC CGAA AGGGCGUA	16536
9523	UAAACACU U UCACCAAC	1229	GUUGGUGA CUGAUGAG GCCGUUAGGC CGAA AGUGUUUA	16537
9524	AAACACUU U CACCAACC	1230	GGUUGGUG CUGAUGAG GCCGUUAGGC CGAA AAGUGUUU	16538
9525	AACACUUU C ACCAACCU	1231	AGGUUGGU CUGAUGAG GCCGUUAGGC CGAA AAAGUGUU	16539
9540	CUGGCCGU C CAGCUGGU	1232	ACCAGCUG CUGAUGAG GCCGUUAGGC CGAA ACGGCCAG	16540
9576	GGAGUGAU U GGCCCAGA	1233	UCUGGGCC CUGAUGAG GCCGUUAGGC CGAA AUCACUCC	16541
9600	GAGAAACU C ACAAAAGG	1234	CCUUUUGU CUGAUGAG GCCGUUAGGC CGAA AGUUUCUC	16542
9624	CCCAAAGU C AGGACCUG	1235	CAGGUCCU CUGAUGAG GCCGUUAGGC CGAA ACUUUGGG	16543
9638	CUGGCUGU U UGAGAAUG	1236	CAUUCUCA CUGAUGAG GCCGUUAGGC CGAA ACAGCCAG	16544
9639	UGGCUGUU U GAGAAUGG	1237	CCAUUCUC CUGAUGAG GCCGUUAGGC CGAA AACAGCCA	16545
9660	GAAAGACU C AGCCGCAU	1238	AUGCGGCU CUGAUGAG GCCGUUAGGC CGAA AGUCUUUC	16546
9675	AUGGCUGU C AGUGGAGA	1239	UCUCCACU CUGAUGAG GCCGUUAGGC CGAA ACAGCCAU	16547
9696	UGUGUGGU A AAGCCCCU	1240	AGGGGCUU CUGAUGAG GCCGUUAGGC CGAA ACCACACA	16548
9712	UGGACGAU C GCUUUGCC	1241	GGCAAAGC CUGAUGAG GCCGUUAGGC CGAA AUCGUCCA	16549
9716	CGAUCGCU U UGCCACCU	1242	AGGUGGCA CUGAUGAG GCCGUUAGGC CGAA AGCGAUCG	16550
9717	GAUCGCUU U GCCACCUC	1243	GAGGUGGC CUGAUGAG GCCGUUAGGC CGAA AAGCGAUC	16551
9725	UGCCACCU C GCUCCACU	1244	AGUGGAGC CUGAUGAG GCCGUUAGGC CGAA AAGCGAUC AGUGGAGC CUGAUGAG GCCGUUAGGC CGAA AGGUGGCA	
9729	ACCUCGCU C CACUUCCU	1244		16552
9734	GCUCCACU U CCUCAAUG	1245	AGGAAGUG CUGAUGAG GCCGUUAGGC CGAA AGCGAGGU	16553
9735	CUCCACUU C CUCAAUGC		CAUUGAGG CUGAUGAG GCCGUUAGGC CGAA AGUGGAGC	16554
		1247	GCAUUGAG CUGAUGAG GCCGUUAGGC CGAA AAGUGGAG	16555
9738	CACUUCCU C AAUGCUAU	1248	AUAGCAUU CUGAUGAG GCCGUUAGGC CGAA AGGAAGUG	16556
9745	UCAAUGCU A UGUCAAAG	1249	CUUUGACA CUGAUGAG GCCGUUAGGC CGAA AGCAUUGA	16557
9749	UGCUAUGU C AAAGGUUC	1250	GAACCUUU CUGAUGAG GCCGUUAGGC CGAA ACAUAGCA	16558
9756	UCAAAGGU U CGCAAAGA	1251	UCUUUGCG CUGAUGAG GCCGUUAGGC CGAA ACCUUUGA	16559
9757	CAAAGGUU C GCAAAGAC	1252	GUCUUUGC CUGAUGAG GCCGUUAGGC CGAA AACCUUUG	16560
9768	AAAGACAU C CAAGAGUG	1253	CACUCUUG CUGAUGAG GCCGUUAGGC CGAA AUGUCUUU	16561
9785	GAAACCGU C AACUGGAU	1254	AUCCAGUU CUGAUGAG GCCGUUAGGC CGAA ACGGUUUC	16562
9797	UGGAUGGU A UGAUUGGC	1255	GCCAAUCA CUGAUGAG GCCGUUAGGC CGAA ACCAUCCA	16563
9802	GGUAUGAU U GGCAGCAG	1256	CUGCUGCC CUGAUGAG GCCGUUAGGC CGAA AUCAUACC	16564

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		4000	CAAAAUGG CUGAUGAG GCCGUUAGGC CGAA ACCUGCUG	SEEEE
9813	CAGCAGGU U CCAUUUUG	1257		16565
9814	AGCAGGUU C CAUTUTUGC	1258	GCAAAAUG CUGAUGAG GCCGUUAGGC CGAA AACCUGCU	16566
9818	GGUUCCAU U UUGCUCAA	1259	UUGAGCAA CUGAUGAG GCCGUUAGGC CGAA AUGGAACC	16567
9819	GUUCCAUU U UGCUCAAA	1260	UUUGAGCA CUGAUGAG GCCGUUAGGC CGAA AAUGGAAC	16568
	UUCCAUUU U GCUCAAAC	1261	GUUDGAGC CUGAUGAG GCCGUUAGGC CGAA AAAUGGAA	16569
9820				
9824	AUUUUGCU C AAACCAUU	1262	AAUGGUUU CUGAUGAG GCCGUUAGGC CGAA AGCAAAAU	16570
9832	CAAACCAU U UCACUGAA	1263	UUCAGUGA CUGAUGAG GCCGUUAGGC CGAA AUGGUUUG	16571
9833	AAACCAUU U CACUGAAU	1264	AUUCAGUG CUGAUGAG GCCGUUAGGC CGAA AAUGGUUU	16572
9834	AACCAUUU C ACUGAAUU	1265	AAUUCAGU CUGAUGAG GCCGUUAGGC CGAA AAAUGGUU	16573
			UCAUGAUC CUGAUGAG GCCGUUAGGC CGAA AUUCAGUG	16574
9842	CACUGAAU U GAUCAUGA	1266		
9846	GAAUUGAU C AUGAAAGA	1267	UCUUUCAU CUGAUGAG GCCGUUAGGC CGAA AUCAAUUC	16575
9873	CUGGUGGU U CCAUGCCG	1268	CGGCAUGG CUGAUGAG GCCGUUAGGC CGAA ACCACCAG	16576
9874	UGGUGGUU C CAUGCCGA	1269	UCGGCAUG CUGAUGAG GCCGUUAGGC CGAA AACCACCA	16577
9896	GGAUGAAU U GGUAGGCA	1270	UGCCUACC CUGAUGAG GCCGUUAGGC CGAA AUUCAUCC	16578
	GAAUUGGU A GGCAGAGC	1271	GCUCUGCC CUGAUGAG GCCGUUAGGC CGAA ACCAAUUC	16579
9900				
9910	GCAGAGCU C GCAUAUCU	1272	AGAUAUGC CUGAUGAG GCCGUUAGGC CGAA AGCUCUGC	16580
9915	GCUCGCAU A UCUCCAGG	1273	CCUGGAGA CUGAUGAG GCCGUUAGGC CGAA AUGCGAGC	16581_
9917	UCGCAUAU C UCCAGGGG	1274	CCCCUGGA CUGAUGAG GCCGUUAGGC CGAA AUAUGCGA	16582
9919	GCALIAUCU C CAGGGGCC	1275	GGCCCCUG CUGAUGAG GCCGUUAGGC CGAA AGAUAUGC	16583
9939	UGGAACGU C CGCGACAC	1276	GUGUCGCG CUGAUGAG GCCGUUAGGC CGAA ACGUUCCA	16584
			AGCCAGAC CUGAUGAG GCCGUUAGGC CGAA AGCAGUGU	
9952	ACACUGCU U GUCUGGCU	1277		16585
9955	CUGCUUGU C UGGCUAAG	1278	CUUAGCCA CUGAUGAG GCCGUUAGGC CGAA ACAAGCAG	16586
9961	GUCUGGCU A AGUCUUAU	1279	AUAAGACU CUGAUGAG GCCGUUAGGC CGAA AGCCAGAC	16587
9965	GGCUAAGU C UUAUGCCC	1280	GGGCAUAA CUGAUGAG GCCGUUAGGC CGAA ACUUAGCC	16588
9967	CUAAGUCU U AUGCCCAG	1281	CUGGGCAU CUGAUGAG GCCGUUAGGC CGAA AGACUUAG	16589
			UCUGGGCA CUGAUGAG GCCGUUAGGC CGAA AAGACUUA	16590
9968	UAAGUCUU A UGCCCAGA	1282		
9987	UGGCUGCU U CUGUACUU	1283	AAGUACAG CUGAUGAG GCCGUUAGGC CGAA AGCAGCCA	16591
9988	GGCUGCUU C UGUACUUC	1284	GAAGUACA CUGAUGAG GCCGUUAGGC CGAA AAGCAGCC	16592
9992	GCUUCUGU A CUUCCACA	1285	UGUGGAAG CUGAUGAG GCCGUUAGGC CGAA ACAGAAGC	16593
9995	UCUGUACU U CCACAGAA	1286	UTUCUGUGG CUGAUGAG GCCGUTUAGGC CGAA AGUACAGA	16594
	CUGUACUU C CACAGAAG	1287	CUUCUGUG CUGAUGAG GCCGUUAGGC CGAA AAGUACAG	16595
9996				
10017	CUGCGGCU C AUGGCCAA	1288	UUGGCCAU CUGAUGAG GCCGUUAGGC CGAA AGCCGCAG	16596
10032	AACGCCAU U UGCUCCGC	1289	GCGGAGCA CUGAUGAG GCCGUUAGGC CGAA AUGGCGUU	16597
10033	ACGCCAUU U GCUCCGCU	1290	AGCGGAGC CUGAUGAG GCCGUUAGGC CGAA AAUGGCGU	16598
10037	CAUUUGCU C CGCUGUCC	1291	GGACAGCG CUGAUGAG GCCGUUAGGC CGAA AGCAAAUG	16599
10044	UCCGCUGU C CCUGUGAA	1292	UUCACAGG CUGAUGAG GCCGUUAGGC CGAA ACAGCGGA	16600
	CUGUGAAU U GGGUCCCU	1293	AGGGACCC CUGAUGAG GCCGUUAGGC CGAA AUUCACAG	16601
10054				
10059	AAUUGGGU C CCUACCGG	1294	CCGGUAGG CUGAUGAG GCCGUUAGGC CGAA ACCCAAUU	16602
10063	GGGUCCCU A CCGGAAGA	1295	UCUUCCGG CUGAUGAG GCCGUUAGGC CGAA AGGGACCC	16603
10082	CACGUGGU C CAUCCAUG	1296	CAUGGAUG CUGAUGAG GCCGUUAGGC CGAA ACCACGUG	16604
10086	UGGUCCAU C CAUGCAGG	1297	CCUGCAUG CUGAUGAG GCCGUUAGGC CGAA AUGGACCA	16605
10124	GGACAUGU U GGAGGUCU	1298	AGACCUCC CUGAUGAG GCCGUUAGGC CGAA ACAUGUCC	16606
	UUGGAGGU C UGGAACCG		CGGUUCCA CUGAUGAG GCCGUUAGGC CGAA ACCUCCAA	16607
10131		1299		
10143	AACCGUGU U UGGAUAGA	1300	UCUAUCCA CUGAUGAG GCCGUUAGGC CGAA ACACGGUU	16608
10144	ACCGUGUU U GGAUAGAG	1301	CUCUALICC CUGALIGAG GCCGUUAGGC CGAA AACACGGU	16609
10149	GUUUGGAU A GAGGAGAA	1302	UUCUCCUC CUGAUGAG GCCGUUAGGC CGAA AUCCAAAC	16610
10203	AGUGACGU C CCAUAUUC	1303	GAAUAUGG CUGAUGAG GCCGUUAGGC CGAA ACGUCACU	16611
10208	CGUCCCAU A UUCAGGAA	1304	UUCCUGAA CUGAUGAG GCCGUUAGGC CGAA AUGGGACG	16612
10210	UCCCAUAU U CAGGAAAA	1305	UUUUCCUG CUGAUGAG GCCGUUAGGC CGAA AUAUGGGA	16613
			GUUUUCCU CUGAUGAG GCCGUUAGGC CGAA AAUAUGGG	
10211	 	1306		16614
10230		1307	CCACACCA CUGAUGAG GCCGUUAGGC CGAA AUGUCCUC	16615
10248	AGCCUGAU U GGCACAAG	1308	CUUGUGCC CUGAUGAG GCCGUUAGGC CGAA AUCAGGCU	16616
10284	GAAAACAU C CAGGUGGC	1309	GCCACCUG CUGAUGAG GCCGUUAGGC CGAA AUGUUUUC	16617
10294		1310	UUGGUUGA CUGAUGAG GCCGUUAGGC CGAA AGCCACCU	16618
10296		1311	ACUUGGUU CUGAUGAG GCCGUUAGGC CGAA AUAGCCAC	16619
10305		1312	AUUGCUCU CUGAUGAG GCCGUUAGGC CGAA ACUUGGUU	16620
10314	AGAGCAAU C AUCGGAGA	1313	UCUCCGAU CUGAUGAG GCCGUUAGGC CGAA AUUGCUCU	16621
10317	GCAAUCAU C GGAGAUGA	1314	UCAUCUCC CUGAUGAG GCCGUUAGGC CGAA AUGAUUGC	16622
10331	UGAGAAGU A UGUGGAUU	1315	AAUCCACA CUGAUGAG GCCGUUAGGC CGAA ACUUCUCA	16623
10339		1316	ACUCAUGU CUGAUGAG GCCGUUAGGC CGAA AUCCACAU	16624
10340			AACUCADO CUGAUGAO GCCGUUAGGC CGAA AAUCCACA	16625
		1317	CHARLES CONTROL OCCUPANTO CONTROL CONT	
	I ACAUGAGU U CACUAAAG	1318	CUUUAGUG CUGAUGAG GCCGUUAGGC CGAA ACUCAUGU	16626
10348	<u></u>	1319	UCUUUAGU CUGAUGAG GCCGUUAGGC CGAA AACUCAUG	16627

Table III

10353	AGUUCACU A AAGAGAUA	1320	UAUCUCUU CUGAUGAG GCCGUUAGGC CGAA AGUGAACU	16628
10361	AAAGAGAU A UGAAGACA	1321	UGUCUUCA CUGAUGAG GCCGUUAGGC CGAA AUCUCUUU	16629
10375	ACACAACU U UGGUUGAG	1322	CUCAACCA CUGAUGAG GCCGUUAGGC CGAA AGUUGUGU	16630
10376	CACAACUU U GGUUGAGG	1323	CCUCAACC CUGAUGAG GCCGUUAGGC CGAA AAGUUGUG	16631
10380	ACUUUGGU U GAGGACAC	1324	GUGUCCUC CUGAUGAG GCCGUUAGGC CGAA ACCAAAGU	16632
10392	GACACAGU A CUGUAGAU	1325	AUCUACAG CUGAUGAG GCCGUUAGGC CGAA ACUGUGUC	16633
10397	AGUACUGU A GAUAUUUA	1326	UAAAUAUC CUGAUGAG GCCGUUAGGC CGAA ACAGUACU	16634
10401	CUGUAGAU A UUUAAUCA	1327	UGAUUAAA CUGAUGAG GCCGUUAGGC CGAA AUCUACAG	16635
10403	GUAGAUAU U UAAUCAAU	1328	AUUGAUUA CUGAUGAG GCCGUUAGGC CGAA AUAUCUAC	16636
10404	UAGAUAUU U AAUCAAUU	1329	AAUUGAUU CUGAUGAG GCCGUUAGGC CGAA AAUAUCUA	16637
10405	AGAUAUUU A AUCAAUUG	1330	CAAUUGAU CUGAUGAG GCCGUUAGGC CGAA AAAUAUCU	16638
10408	UAUUUAAU C AAUUGUAA	1331	UUACAAUU CUGAUGAG GCCGUUAGGC CGAA AUUAAAUA	16639
10412	UAAUCAAU U GUAAAUAG	1332	CUAUUUAC CUGAUGAG GCCGUUAGGC CGAA AUUGAUUA	16640
10415	UCAAUUGU A AAUAGACA	1333	UGUCUAUU CUGAUGAG GCCGUUAGGC CGAA ACAAUUGA	16641
10419	UUGUAAAU A GACAAUAU	1334	AUAUUGUC CUGAUGAG GCCGUUAGGC CGAA AUUUACAA	16642
10426	UAGACAAU A UAAGUAUG	1335	CAUACUUA CUGAUGAG GCCGUUAGGC CGAA AUUGUCUA	16643
10428	GACAAUAU A AGUAUGCA	1336	UGCAUACU CUGAUGAG GCCGUUAGGC CGAA AUAUUGUC	16644
10432	AUAUAAGU A UGCAUAAA	1337	UUUAUGCA CUGAUGAG GCCGUUAGGC CGAA ACUUAUAU	16645
10438	GUAUGCAU A AAAGUGUA	1338	UACACUUU CUGAUGAG GCCGUUAGGC CGAA AUGCAUAC	16646
10446	AAAAGUGU A GUUUUAUA	1339	UAUAAAAC CUGAUGAG GCCGUUAGGC CGAA ACACUUUU	16647
10449	AGUGUAGU U UUAUAGUA	1340	UACUAUAA CUGAUGAG GCCGUUAGGC CGAA ACUACACU	16648
10450	GUGUAGUU U UAUAGUAG	1341	CUACUAUA CUGAUGAG GCCGUUAGGC CGAA AACUACAC	16649
10451	UGUAGUUU U AUAGUAGU	1342	ACUACUAU CUGAUGAG GCCGUUAGGC CGAA AAACUACA	16650
10452	GUAGUUUU A UAGUAGUA	1343	UACUACUA CUGAUGAG GCCGUUAGGC CGAA AAAACUAC	16651
10454	AGUUUUAU A GUAGUAUU	1344	AAUACUAC CUGAUGAG GCCGUUAGGC CGAA AUAAAACU	16652
10457	UUUAUAGU A GUAUUUAG	1345	CUAAAUAC CUGAUGAG GCCGUUAGGC CGAA ACUAUAAA	16653
10460	AUAGUAGU A UUUAGUGG	1346	CCACUAAA CUGAUGAG GCCGUUAGGC CGAA ACUACUAU	16654
10462	AGUAGUAU U UAGUGGUG	1347	CACCACUA CUGAUGAG GCCGUUAGGC CGAA AUACUACU	16655
10463	GUAGUAUU U AGUGGUGU	1348	ACACCACU CUGAUGAG GCCGUUAGGC CGAA AAUACUAC	16656
10464	UAGUAUUU A GUGGUGUU	1349	AACACCAC CUGAUGAG GCCGUUAGGC CGAA AAAUACUA	16657
10472	AGUGGUGU U AGUGUAAA	1350	UUUACACU CUGAUGAG GCCGUUAGGC CGAA ACACCACU	16658
10473	GUGGUGUU A GUGUAAAU	1351	AUUUACAC CUGAUGAG GCCGUUAGGC CGAA AACACCAC	16659
10478	GUUAGUGU A AAUAGUUA	1352	UAACUAUU CUGAUGAG GCCGUUAGGC CGAA ACACUAAC	16660
10482	GUGUAAAU A GUUAAGAA	1353	UUCUUAAC CUGAUGAG GCCGUUAGGC CGAA AUUUACAC	16661
10485	UAAAUAGU U AAGAAAU	1354	AUUUUCUU CUGAUGAG GCCGUUAGGC CGAA ACUAUUUA	16662
10486	AAAUAGUU A AGAAAAUU	1355	AAUUUUCU CUGAUGAG GCCGUUAGGC CGAA AACUAUUU	16663
10494	AAGAAAAU U UUGAGGAG	1356	CUCCUCAA CUGAUGAG GCCGUUAGGC CGAA AUUUUCUU	16664
10495	AGAAAAUU U UGAGGAGA	1357	UCUCCUCA CUGAUGAG GCCGUUAGGC CGAA AAUUUUCU	16665
10496	GAAAAUUU U GAGGAGAA	1358	UUCUCCUC CUGAUGAG GCCGUUAGGC CGAA AAAUUUUC	16666
10508	GAGAAAGU C AGGCCGGG	1359	CCCGGCCU CUGAUGAG GCCGUUAGGC CGAA ACUUUCUC	16667
10521	CGGGAAGU U CCCGCCAC	1360	GUGGCGGG CUGAUGAG GCCGUUAGGC CGAA ACUUCCCG	16668
10522	GGGAAGUU C CCGCCACC	1361	GGUGGCGG CUGAUGAG GCCGUUAGGC CGAA AACUUCCC	16669
10537		1362	GUCUACUC CUGAUGAG GCCGUUAGGC CGAA ACUUCCGG	16670
10542		1363	GCACCGUC CUGAUGAG GCCGUUAGGC CGAA ACUCAACU	16671
10562	CUGCGACU C AACCCCAG	1364	CUGGGGUU CUGAUGAG GCCGUUAGGC CGAA AGUCGCAG	16672
10602	GAAGUGAU C CAUGUAAG	1365	CUUACAUG CUGAUGAG GCCGUUAGGC CGAA AUCACUUC	16673
10608	AUCCAUGU A AGCCCUCA	1366	UGAGGGCU CUGAUGAG GCCGUUAGGC CGAA ACAUGGAU	16674
10615		1367	ACGGUUCU CUGAUGAG GCCGUUAGGC CGAA AGGGCUUA	16675
10624	AGAACCGU C UCGGAAGG	1368	CCUUCCGA CUGAUGAG GCCGUUAGGC CGAA ACGGUUCU	16676
10626		1369	CUCCUUCC CUGAUGAG GCCGUUAGGC CGAA AGACGGUU	16677
10647	CCACAUGU U GUAACUUC	1370	GAAGUUAC CUGAUGAG GCCGUUAGGC CGAA ACAUGUGG	16678
10650	CAUGUUGU A ACUUCAAA	1371	UUUGAAGU CUGAUGAG GCCGUUAGGC CGAA ACAACAUG	16679
10654	UUGUAACU U CAAAGCCC	1372	GGGCUUUG CUGAUGAG GCCGUUAGGC CGAA AGUUACAA	16680
10655	UGUAACUU C AAAGCCCA	1373	UGGGCUUU CUGAUGAG GCCGUUAGGC CGAA AAGUUACA	16681
10668	CCCAAUGU C AGACCACG	1374	CGUGGUCU CUGAUGAG GCCGUUAGGC CGAA ACAUUGGG	16682
10679	ACCACGCU A CGGCGUGC	1375	GCACGCCG CUGAUGAG GCCGUUAGGC CGAA AGCGUGGU	16683
10689	GGCGUGCU A CUCUGCGG	1376	CCGCAGAG CUGAUGAG GCCGUUAGGC CGAA AGCACGCC	16684
10692	GUGCUACU C UGCGGAGA	1377	UCUCCGCA CUGAUGAG GCCGUUAGGC CGAA AGUAGCAC	16685
10708	AGUGCAGU C UGCGAUAG	1378	CUAUCGCA CUGAUGAG GCCGUUAGGC CGAA ACUGCACU	16686
10715	UCUGCGAU A GUGCCCCA	1379	UGGGGCAC CUGAUGAG GCCGUUAGGC CGAA AUCGCAGA	16687
10736	GACUGGGU U AACAAAGG	1380	CCUUUGUU CUGAUGAG GCCGUUAGGC CGAA ACCCAGUC	16688
10737	ACUGGGUU A ACAAAGGC	1381	GCCUUUGU CUGAUGAG GCCGUUAGGC CGAA AACCCAGU	16689
10769	GCGGCCCU A GCCCCGGU	1382	ACCGGGGC CUGAUGAG GCCGUUAGGC CGAA AGGGCCGC	16690

Table III

10778	GCCCCGGU A AUGGUGUU	1383	AACACCAU CUGAUGAG GCCGUUAGGC CGAA ACCGGGGC	16691
10786	AAUGGUGU U AACCAGGG	1384	CCCUGGUU CUGAUGAG GCCGUUAGGC CGAA ACACCAUU	16692
10787	AUGGUGUU A ACCAGGGC	1385	GCCCUGGU CUGAUGAG GCCGUUAGGC CGAA AACACCAU	16693
10805	AAAGGACU A GAGGUUAG	1386	CUAACCUC CUGAUGAG GCCGUUAGGC CGAA AGUCCUUU	16694
10811	CUAGAGGU U AGAGGAGA	1387	UCUCCUCU CUGAUGAG GCCGUUAGGC CGAA ACCUCUAG	16695
10812	UAGAGGUU A GAGGAGAC	1388	GUCUCCUC CUGAUGAG GCCGUUAGGC CGAA AACCUCUA	16696
10829	CCCGCGGU U UAAAGUGC	1389	GCACUUUA CUGAUGAG GCCGUUAGGC CGAA ACCGCGGG	16697
10830	CCGCGGUU U AAAGUGCA	1390	UGCACUUU CUGAUGAG GCCGUUAGGC CGAA AACCGCGG	16698
10831	CGCGGUUU A AAGUGCAC	1391	GUGCACUU CUGAUGAG GCCGUUAGGC CGAA AAACCGCG	16699
10862	GAAGCUGU A GGUCAGGG	1392	CCCUGACC CUGAUGAG GCCGUUAGGC CGAA ACAGCUUC	16700
10866	CUGUAGGU C AGGGGAAG	1393	CUUCCCCU CUGAUGAG GCCGUUAGGC CGAA ACCUACAG	16701
10879	GAAGGACU A GAGGUUAG	1394	CUAACCUC CUGAUGAG GCCGUUAGGC CGAA AGUCCUUC	16702
10885	CUAGAGGU U AGUGGAGA	1395	UCUCCACU CUGAUGAG GCCGUUAGGC CGAA ACCUCUAG	16703
10886	UAGAGGUU A GUGGAGAC	1396	GUCUCCAC CUGAUGAG GCCGUUAGGC CGAA AACCUCUA	16704
10928	AACAGCAU A UUGACACC	1397	GGUGUCAA CUGAUGAG GCCGUUAGGC CGAA AUGCUGUU	16705
10930	CAGCAUAU U GACACCUG	1398	CAGGUGUC CUGAUGAG GCCGUUAGGC CGAA AUAUGCUG	16706
10943	CCUGGGAU A GACUAGGA	1399	UCCUAGUC CUGAUGAG GCCGUUAGGC CGAA AUCCCAGG	16707
10948	GAUAGACU A GGAGAUCU	1400	AGAUCUCC CUGAUGAG GCCGUUAGGC CGAA AGUCUAUC	16708
10955	UAGGAGAU C UUCUGCUC	1401	GAGCAGAA CUGAUGAG GCCGUUAGGC CGAA AUCUCCUA	16709
10957	GGAGAUCU U CUGCUCUG	1402	CAGAGCAG CUGAUGAG GCCGUUAGGC CGAA AGAUCUCC	16710
10958	GAGAUCUU C UGCUCUGC	1403	GCAGAGCA CUGAUGAG GCCGUUAGGC CGAA AAGAUCUC	16711
10963	CUUCUGCU C UGCACAAC	1404	GUUGUGCA CUGAUGAG GCCGUUAGGC CGAA AGCAGAAG	16712

Table IV

Table IV: WNV Inozyme and Target Sequence

11 UAGUUCGC C UGUGUGAG 1405 CUCACACA CUGAUGAG CCGAULAGGC COA TCGAACUA 16713	Pos	Substrate	Seq ID	Ribozyme	Rz Seq
12					
	11	UAGUUCGC C UGUGUGAG	1405		16713
25	12	AGUUCGCC U GUGUGAGC	1406	GCUCACAC CUGAUGAG GCCGUUAGGC CGAA IGCGAACU	
UGRICANAC UNGUAGUE 1409	21	GUGUGAGC U GACAAACU	1407	AGUUUGUC CUGAUGAG GCCGUUAGGC CGAA ICUCACAC	16715
GRADURAC ACADURAC 1410	25	GAGCUGAC A AACUUAGU	1408	ACUAAGUU CUGAUGAG GCCGUUAGGC CGAA IUCAGCUC	16716
TUANCARC A MUNACACC 1411	29	UGACAAAC U UAGUAGUG	1409	CACUACUA CUGAUGAG GCCGUUAGGC CGAA IUUUGUCA	16717
GALDURACA C AGUUGCOA 1412 UCIGACUU CUBAUGAG GCGUULAGGC COAN TUGUURAU 16721	53	GGAUUAAC A ACAAUUAA	1410	UUAAUUGU CUGAUGAG GCCGUUAGGC CGAA IUUAAUCC	16718
FOR AUTURACAC A GUIGGAGC 1413 GUIGGAC CURAUGAG GCGUIUAGGC CGAA TIGUUGAC 16722 74 GUIGGAGC GUIGUUGUU U UAGGACGA 1415 UCQUIGCA CUGAUGAG GCCGUIUAGGC CGAA TIGUUGAC 16723 75 75 75 75 75 75 75 7	56	UUAACAAC A AUUAACAC	1411	GUGUUAAU CUGAUGAG GCCGUUAGGC CGAA IUUGUUAA	16719
141	63	CAAUUAAC A CAGUGCGA	1412	UCGCACUG CUGAUGAG GCCGUUAGGC CGAA IUUAAUUG	16720
86	65	AUUAACAC A GUGCGAGC	1413	GCUCGCAC CUGAUGAG GCCGUUAGGC CGAA IUGUUAAU	16721
SE	74	GUGCGAGC U GUUUCUUA	1414	UAAGAAAC CUGAUGAG GCCGUUAGGC CGAA ICUCGCAC	16722
194	80	GCUGUUUC U UAGCACGA	1415	UCGUGCUA CUGAUGAG GCCGUUAGGC CGAA IAAACAGC	16723
102	85	UUCUUAGC A CGAAGAUC	1416	GAUCUUCG CUGAUGAG GCCGUUAGGC CGAA ICUAAGAA	16724
110	94	CGAAGAUC U CGAUGUCU	1417	AGACAUCG CUGAUGAG GCCGUUAGGC CGAA IAUCUUCG	16725
111	102	UCGAUGUC U AAGAAACC	1418	GGUUUCUU CUGAUGAG GCCGUUAGGC CGAA IACAUCGA	16726
119	110	UAAGAAAC C AGGAGGGC	1419	GCCCUCCU CUGAUGAG GCCGUUAGGC CGAA IUUUCUUA	16727
120 GGAGGGCC C GGCAAGAG 1422 CUCUUGCC CUGAUGAG GCCGUAGGC CGAA IGCCCUCC 16730	111	AAGAAACC A GGAGGGCC	1420	GGCCCUCC CUGAUGAG GCCGUUAGGC CGAA IGUUUCUU	16728
124 GGCCCGGC A AGAGCCGG	119	AGGAGGGC C CGGCAAGA	1421	UCUUGCCG CUGAUGAG GCCGUUAGGC CGAA ICCCUCCU	16729
130	120	GGAGGCC C GGCAAGAG	1422	CUCUUGCC CUGAUGAG GCCGUUAGGC CGAA IGCCCUCC	16730
135	124	GGCCCGGC A AGAGCCGG	1423	CCGGCUCU CUGAUGAG GCCGUUAGGC CGAA ICCGGGCC	16731
139 GGGCUGUC A AUAUGCUA 1426 UAGCAUAU CUGAUGAG GCGGUUAGGC CGAA IACAGCCC 16734 146 CAAUAUGC U ARAACGCG 1427 CGCGUUUU CUGAUGAG GCGGUUAGGC CGAA ICAUAUUU 1428 ACACGCGG CUGAUGAG GCCGGUUAGCC CGAA ICAUAUUC 16736 GGGAUGC C CGCGUGUU 1429 AACACGCG CUGAUGAG GCCGGUUAGGC CGAA ICAUAUUC 16737 163 GAAUGCC C GCGUGUU 1429 AACACGCG CUGAUGAG GCCGGUUAGGC CGAA ICAUAUCC 16737 163 GAAUGCC C GCGUGUU 1429 AACACGC CUGAUGAG GCCGGUUAGGC CGAA ICACUCC 16737 174 GUGUUGUC C UUGAUUGG 1431 CCAAUCAA CUGAUGAG GCCGGUUAGGC CGAA IGCAUCC 16739 175 UGUUGUCC U UGAUUGGA 1432 UCCAAUCA CUGAUGAG GCCGGUUAGGC CGAA ICACACC 16739 175 GAUUGGAC U GAAGAGGG 1433 CCCUCUUC CUGAUGAG GCCGGUUAGGC CGAA ICACACC 16740 185 GAUUGGAC U JUGAUUGAG 1434 CUCAACAC CUGAUGAG GCCGGUUAGGC CGAA ICCCAUCU 16741 195 AAGAGGGC U JUGAUCGAC 1435 GUCGAUCA CUGAUGAG GCCGGUUAGGC CGAA ICCCAUCU 16742 205 UGUUGAGC C UGAUCGAC 1436 CGUCAACC CUGAUGAG GCCGGUUAGGC CGAA ICCCAUCU 16743 217 UCGACGGC A AGGGGCCA 1437 UGGCCCCU CUGAUGAG GCCGGUUAGGC CGAA ICCCCCUU 16745 224 CAAGGGGC C AUACGAU 1438 AUCGIUAUU CUGAUGAG GCCGGUUAGGC CGAA ICCCCCUU 16745 225 AAGGGGCC A AUACGAU 1438 AUCGIUAUU CUGAUGAG GCCGGUUAGGC CGAA ICCCCCUU 16746 225 AAGGGGCC A AUACGAU 1439 AAUCGIUAU CUGAUGAG GCCGGUUAGGC CGAA ICCCCCUU 16747 243 GUGUUGGC U CUUGGCGU 1441 ACGCCAAC CUGAUGAG GCCGGUUAGGC CGAA ICCCCCUU 16748 245 GUUGUGCU U UUGGCGU 1441 ACGCCAAC CUGAUGAG GCCGGUUAGGC CGAA ICCCCCUU 16749 246 GUGUUGC U UUGGCGU 1441 ACGCCAAC CUGAUGAG GCCGGUUAGGC CGAA ICCACCAC 16751 256 UGGCGUUC U UCGCGGU 1441 ACGCCAAC CUGAUGAG GCCGGUUAGGC CGAA ICCACCAC 16752 257 AGGUUCAC A GCAAUU 1443 GAACCCAC CUGAUGAG GCCGGUUAGGC CGAA IACCACC 16754 267 AGGUUCAC A GCAAUU 1445 ACACCCAC CUGAUGAG GCCGGUUAGCC CGAA IACCACCA 16752 267 AGGUUCAC A GCAAUU 1445 ACACCCAC CUGAUGAG GCCGGUUAGCC CGAA IACCACCA 16754 276 GAAUUGC	130	GCAAGAGC C GGGCUGUC	1424	GACAGCCC CUGAUGAG GCCGUUAGGC CGAA ICUCUUGC	16732
146	135	AGCCGGGC U GUCAAUAU	1425	AUAUUGAC CUGAUGAG GCCGUUAGGC CGAA ICCCGGCU	16733
161	139	GGGCUGUC A AUAUGCUA	1426	UAGCAUAU CUGAUGAG GCCGUUAGGC CGAA IACAGCCC	16734
162 GGAAUGCC C CGCGUGUU 1429 AACACGC CUGAUGAG GCCGUUAGGC CGAA IGCAUUCC 16737 163 GAAUGCC C GCGUUAUG 1430 CAACACGC CUGAUGAG COAA IGGAUUCC 16738 174 GUGUUGUC U UGAUUGG 1431 CCCAUCACA CUGAUGAG CGAA IGCACACA 16749 185 GAUUGGC U GAADGG 1432 UCCAAUCA CUGAUGAG GCCGUUAGGC CGAA IGCCUCUU 16741 195 AAGAGGG U AUGUUGAG 1434 CUCAACAU CUGAUGAG GCCGUUAGGC CGAA ICCCUCUU 16742 205 UGUUGAGC U GAUCGACG 1435 GUCGAUCA CUGAUGAG CGAA ICCCCUCUU 16743 206 GUUGAGCC U GAUCGACG 1435 GUCGUAUGAG CGAA IGCCUCUU 16743 217 UCGACGCA AAGGGGCCA 1437 UGGCCCC CUGAUGAG CGAA IGCCCCUCU 16746 224 CAAGGGGCC AAUACGAU 1438 AUCGUUU CUGAUGAG CGAA IGCCCCUU 16746	146	CAAUAUGC U AAAACGCG	1427	CGCGUUUU CUGAUGAG GCCGUUAGGC CGAA ICAUAUUG	16735
163	161	CGGAAUGC C CCGCGUGU	1428	ACACGCGG CUGAUGAG GCCGUUAGGC CGAA ICAUUCCG	16736
174	162	GGAAUGCC C CGCGUGUU	1429	AACACGCG CUGAUGAG GCCGUUAGGC CGAA IGCAUUCC	16737
175	163	GAAUGCCC C GCGUGUUG	1430	CAACACGC CUGAUGAG GCCGUUAGGC CGAA IGGCAUUC	16738
185	174	GUGUUGUC C UUGAUUGG	1431	CCAAUCAA CUGAUGAG GCCGUUAGGC CGAA IACAACAC	16739
195	175	UGUUGUCC U UGAUUGGA	1432	UCCAAUCA CUGAUGAG GCCGUUAGGC CGAA IGACAACA	16740
205 UGUUGAGC C UGAUCGAC 1435 GUCGAUCA CUGAUGAG GECGUUAGGC CGA I CUCAACA 16743 206 GUUGAGCC U GAUCGACG 1436 CGUCGAUC CUGAUGAG CGAA I CUCAACA 16744 217 UCGACGCC A AGGGCCA 1437 UGGCCCU CUGAUGAG CCGAA I CCGUCGA 16745 224 CAAGGGCC C AAUACGAU 1438 AUCGUAUU CUGAUGAG CCGUUAGGC CGAA I CCCCCUU 16746 225 AAGGGCC A UACGAUU 1439 AAUCGUAU CUGAUGAG CGAA I GCCCCUU 16747 243 GUGUUGGC U CUUUGGC 1440 GCCAAGAG CUGAUGAG GCAA I AGCCAAC 16748 245 GUGGCUUC U UCAGGUUC 1442 GAACCCCA CUGAUGAG GCAA I AAGACCA 16750 256 UGACGUUC U UCAGGUUC 1443 GAACCUGA CUGAUGAG GCGUUAGGC CGAA I AAGACCA 16751 259 CGUUCUUC A GUUCACA 1444 UGUGAACC CUGAUGAG GCCGUUAGGC CGAA I AAGACCA	185	GAUUGGAC U GAAGAGGG	1433	CCCUCUUC CUGAUGAG GCCGUUAGGC CGAA IUCCAAUC	16741
206 GUUGAGGC U GAUCGACG 1436 CGUCGAUC CUGAUGAG GCCGUUAGGC CGAA IGCUCAAC 16744	195	AAGAGGGC U AUGUUGAG	1434	CUCAACAU CUGAUGAG GCCGUUAGGC CGAA ICCCUCUU	16742
217 UCGACGGC A AGGGGCCA 1437 UGGCCCU CUGAUGAG CCGUUAGGC CGAA ICCGUCGA 16745 224 CAAGGGGC C AAUACGAU 1438 AUCGUAUU CUGAUGAG GCCGUUAGGC CGAA ICCCCUU 16746 225 AAGGGGC A AUACGAUU 1439 AAUCGUAU CUGAUGAG CCGAA ICCCCUU 16747 243 GUGUUGGC U CUUUGGC 1440 GCCAAGAG CUGAUGAG CGAA IAGCCAC 16748 245 GUUGGCUC U CUUGGCGU 1441 ACGCCAA CUGAUGAG GCCGUUAGGC CGAA IAGCCAAC 16749 247 UGGCUCUC U UGGCGUUC 1442 GAACGCCA CUGAUGAG GCCGUUAGGC CGAA IAGCCAA 16750 256 UGGCGUUC U UCAGGUC 1443 GAACGCCA CUGAUGAG GCCGUUAGGC CGAA IAACGCCA 16751 259 CGUUCUUC A GGUUCAAC 1444 UGUGAACGAG GCCGUUAGGC CGAA IAACACCA 16751 265 UCAGGUUC A CAGCAAUUC 1445 AAUUGCUC CUGAUGAG GCCGUUAGGC CGAA IAACACCA 16752 267 AGGUUCAC A GCAACUGC 1446 GC	205	UGUUGAGC C UGAUCGAC	1435	GUCGAUCA CUGAUGAG GCCGUUAGGC CGAA ICUCAACA	16743
224 CAAGGGGC CAAUACGAU 1438 AUGUAUU CUGAUGAG GCCGUUAGGC CGAA ICCCCUUG 16746 225 AAGGGGC A AUACGAUU 1439 AAUCGUAU CUGAUGAG CGAA ICCCCUU 16747 243 GUGUUGGC U CUCUGGGC 1440 GCCAAGAG CUGAUGAG CGAA IACCCAAC 16748 245 GUUGGCUC U UGGCGUUC 1441 ACGCCAAC CUGAUGAG CCGAA IAGCCCAAC 16749 247 UGGCGUUC U UGAGGUUC 1442 GAACGCCA CUGAUGAG GCCGUUAGGC CGAA IAGAGCCA 16750 256 UGGCGUUC U UCACGUUC 1443 GAACCCCA CUGAUGAG GCCGUUAGGC CGAA IAACCCCA 16751 259 CGUUCUUC A GGUUCACA 1444 UGUGAACC CUGAUGAG GCCGUUAGGC CGAA IAACCUGA 16752 265 UCAGGUUC A CAGCANUU 1445 AAUUGCUC CUGAUGAG GCCGUUAGGC CGAA IAACCUGA 16752	206	GUUGAGCC U GAUCGACG	1436	CGUCGAUC CUGAUGAG GCCGUUAGGC CGAA IGCUCAAC	16744
225 AAGGGGCC A AUACGAUU 1439 AAUCGUAU CUGAUGAG GCCGUUAGGC CGAA IGCCCCUU 16747 243 GUGUUGGC U CUCUUGGC 1440 GCCAAGAG CUGAUGAG GCCGUUAGGC CGAA ICCAACAC 16748 245 GUUGGCUC U CUUGGCGU 1441 ACGCCAAG CUGAUGAG GCCGUUAGGC CGAA IAGCCAAC 16749 247 UGGCUCCU U UGGCGUUC 1442 GAACGCCA CUGAUGAG GCCGUUAGGC CGAA IAGAGCCA 16750 256 UGGCGUUC U UCAGGUUC 1443 GAACCUGA CUGAUGAG GCCGUUAGGC CGAA IAACGCCA 16751 259 CGUUCUUC A GGUUCACA 1444 UGUGAACC CUGAUGAG GCCGUUAGGC CGAA IAACGCCA 16752 265 UCAGGUUC A CAGCAAUU 1445 AAUUGCUG CUGAUGAG GCCGUUAGGC CGAA IAACCCUGA 16752 267 AGGUUCAC A GCAAUUGC 1446 GCAAUUGC CUGAUGAG GCCGUUAGGC CGAA IAACCCUGA 16753 267 AGGUUCAC A GCAAUUGC 1446 GCAAUUGC CUGAUGAG GCCGUUAGGC CGAA IAACCCUGA 16754 270 UUCACAGC A AUUGCUCC 1447 GGAGCAAU CUGAUGAG GCCGUUAGGC CGAA IACCUGA 16755 276 GCAAUUGC U CCGACCCG 1448 CGGGUCGG CUGAUGAG GCCGUUAGGC CGAA ICCUGUAA 16755 278 AAUUGCUC C GACCCGAG 1449 CUCGGGUC CUGAUGAG GCCGUUAGGC CGAA ICCAUUGC 16756 278 AAUUGCUC C GACCCGAG 1449 CUCGGGUC CUGAUGAG GCCGUUAGGC CGAA ICCAUUGC 16756 283 CUCCGAC C CGACAGGU 1450 ACUGCUCG CUGAUGAG GCCGUUAGGC CGAA ICCAUUGC 16758 283 CUCCGAC C CGACAGGU 1450 ACUGCUCG CUGAUGAG GCCGUUAGGC CGAA ICCAGAGC 16759 288 ACCCGAGC A GUGCUGGA 1451 CACUGCUC CUGAUGAG GCCGUUAGGC CGAA ICCAGAGC 16759 288 ACCCGAGC A GUGCUGGA 1452 UCCAGCAC CUGAUGAG GCCGUUAGGC CGAA ICCCGGU 16760 293 AGCAGUGC U GGAUCGAU 1453 AUCGAUCC CUGAUGAG GCCGUUAGGC CGAA ICCUGGGU 16760 316 GUGUGAAC A AACAAACA 1454 UGUUUGUU CUGAUGAG GCCGUUAGGC CGAA ICCUGCU 16761 316 GUGUGAAC A AACAAACA 1454 UGUUUGUU CUGAUGAG GCCGUUAGGC CGAA IUUCGACC 16762 320 GAACAAAC A AACAACA 1455 UCCCGCUC CUGAUGAG GCCGUUAGGC CGAA IUUCGACC 16763 324 AAACAAC A GCGAUGAA 1455 UCCAGAGC CUGAUGAG GCCGUUAGGC CGAA IUUCGUCC 16763 335 GAUGAACAC C UUCUGAGU 1458 ACUCAGAA CUGAUGAG GCCGUUAGGC CGAA IUUCGUCC 16763 336 GAACAACC U UCUGAGUU 1458 ACUCAGAA CUGAUGAG GCCGUUAGGC CGAA IUUCGUCC 16765 337 UGAAACAC C UUCUGAGUU 1458 ACUCAGAA CUGAUGAG GCCGUUAGGC CGAA IUUCCUCC 16766 338 GAAACACC U UCUGAGGU 1451 ACCACCGC CUGAUGAG GCCGUUAGGC CGAA IUUCCUCC 16766	217	UCGACGGC A AGGGGCCA	1437	UGGCCCCU CUGAUGAG GCCGUUAGGC CGAA ICCGUCGA	16745
243GUGUUGGC U CUCUUGGC1440GCCAAGAG CUGAUGAG GCCGUUAGGCCGAA ICCAACAC16748245GUUGGCUC U CUUGGCGU1441ACGCCAAG CUGAUGAG GCCGUUAGGCCGAA IAGCCAAC16749247UGGCUCUC U UGGCGUUC1442GAACGCCA CUGAUGAG GCCGUUAGGCCGAA IAAGGCCA16750256UGGCGUUC U UCAGGUUC1443GAACCUGA CUGAUGAGGCCGUUAGGCCGAA IAAGGCCA16751259CGUUCUUC A GGUUCACA1444UGUGAACCCUGAUGAGGCCGUUAGGCCGAA IAAGACG16752265UCAGGUUC A CAGCAAUU1445AAUUGCUG CUGAUGAGGCCGUUAGGCCGAA IAACCUGA16753267AGGUUCAC A GCAAUUGC1446GCAAUUGC CUGAUGAGGCCGUUAGGCCGAA IACACUGA16754270UUCACAGC A AUUGCUCC1447GGAGCAAU CUGAUGAGGCCGUUAGGCCGAA ICUGUGAA16755276GCAAUUGC U CCGACCCG1448CGGGUCGG CUGAUGAGGCCGUUAGGCCGAA ICCAGAUU16756278AAUUGCUC C GACCCAG1449CUCGGGUC CUGAUGAGGCCGUUAGGCCGAA IUCGACC16756282GCUCCGAC C CGAGCAGU1450ACUGCUCG CUGAUGAGGCCGUUAGGCCGAA IUCGAGC16758283ACCCGAGC A GUGCUGGA1451CACUGCUC CUGAUGAGGCCGUUAGGCCGAA IUCGAGC16760293AGCAGUGC A GUGCUGGA1452UCCAGCC CUGAUGAGGCCGUUAGGCCGAA IUCGAGC16761316GUGUGAAC A AACAACA1454UGUUUGUC CUGAUGAGGCCGUUAGGCCGAA IUUCGCU16762320GAACAACA C AACAACA1455U	224	CAAGGGC C AAUACGAU	1438	AUCGUAUU CUGAUGAG GCCGUUAGGC CGAA ICCCCUUG	16746
245 GUUGGCUC U CUUGGCGU 1441 ACGCCAAG CUGAUGAG GCCGUUAGGC CGAA IAGCCAAC 16749 247 UGGCUCUC U UGGCGUUC 1442 GAACGCCA CUGAUGAG GCCGUUAGGC CGAA IAGAGCCA 16750 256 UGGCGUUC U UCAGGUUC 1443 GAACCUGA CUGAUGAG GCCGUUAGGC CGAA IAACGCCA 16751 259 CGUUCUC A GGUUCACA 1444 UGUGAACC CUGAUGAG GCCGUUAGGC CGAA IAACCCCA 16752 265 UCAGGUUC A CAGCAAUU 1445 AAUUGCUG CUGAUGAG GCCGUUAGGC CGAA IAACCUGA 16753 267 AGGUUCAC A GCAAUUGC 1446 GCAAUUGC CUGAUGAG GCCGUUAGGC CGAA IAACCUGA 16754 270 UUCACAGC A AUUGCUCC 1447 GGAGCAAU CUGAUGAG GCCGUUAGGC CGAA IUGAACCU 16754 270 UUCACAGC A AUUGCUCC 1447 GGAGCAAU CUGAUGAG GCCGUUAGGC CGAA ICAAUUGC 16755 276 GCAAUUGC U CCGACCCGG 1448 CGGGUCGG CUGAUGAG GCCGUUAGGC CGAA ICAAUUGC 16755 278 AAUUGCUC C GACCCGAG 1449 CUCGGGUC CUGAUGAG GCCGUUAGGC CGAA ICAAUUGC 16757 282 GCUCCGAC C CGAGCAGU 1450 ACUGCUCG CUGAUGAG GCCGUUAGGC CGAA IUCGAACU 16757 283 CUCCGACC C GAGCAGU 1451 CACUGCUC CUGAUGAG GCCGUUAGGC CGAA IUCGGAGC 16758 283 CUCCGAC C GAGCAGU 1451 CACUGCUC CUGAUGAG GCCGUUAGGC CGAA IUCGGAGC 16758 284 ACCCGAGC A GUGCUGGA 1452 UCCAGCAC CUGAUGAG GCCGUUAGGC CGAA ICCCGGGU 16760 293 AGCAGUGC U GGAUCGAU 1453 AUCGAUCC CUGAUGAG GCCGUUAGGC CGAA ICCCGGGU 16760 316 GUGUGAAC A AACAAACA 1454 UGUUUGUU CUGAUGAG GCCGUUAGGC CGAA IUCCGGGU 16761 317 GGAACAAC A AACAAACA 1455 UCCAGCAC CUGAUGAG GCCGUUAGGC CGAA IUCCCACC 16762 320 GAACAACA A AACAAACA 1455 UCCAGCAC CUGAUGAG GCCGUUAGGC CGAA IUUCCACC 16763 324 AAACAAAC A GCGAUGAA 1455 UCCAGCAC CUGAUGAG GCCGUUAGGC CGAA IUUCCACC 16763 325 GAUGAAAC A CCUUCUGA 1457 UCAGAAGG CUGAUGAG GCCGUUAGGC CGAA IUUUCAUC 16763 336 GAACAACC U UCUGAGUU 1459 AACUCAGA CUGAUGAG GCCGUUAGGC CGAA IUUUCAUC 16766 337 UGAAACAC U UCUGAGUU 1459 AACUCAGA CUGAUGAG GCCGUUAGGC CGAA IUUUCAUC 16766 338 GAAACACC U UCUGAGUU 1459 AACUCAGA CUGAUGAG GCCGUUAGGC CGAA IUUUCAUC 16766 341 ACACCUUC U GAGGUUUA 1460 UAAAACUC CUGAUGAG GCCGUUAGGC CGAA IUUUCCUC 16766	225	AAGGGCC A AUACGAUU	1439	AAUCGUAU CUGAUGAG GCCGUUAGGC CGAA IGCCCCUU	16747
247UGGCUCUC U UGGCGUUC1442GAACGCCA CUGAUGAG GCCGUUAGGCCGAA IAGAGCCA16750256UGGCGUUC U UCAGGUUC1443GAACCUGA CUGAUGAG GCCGUUAGGCCGAA IAACGCCA16751259CGUUCUUC A GGUUCACA1444UGUGAACC CUGAUGAG GCCGUUAGGCCGAA IAAGAACG16752265UCAGGUUC A CAGCAAUU1445AAUUGCUG CUGAUGAG GCCGUUAGGCCGAA IAACCUGA16753267AGGUUCAC A GCAAUUGC1446GCAAUUGC CUGAUGAG GCCGUUAGGCCGAA IUGAACCU16754270UUCACAGC A AUUGCUCC1447GGAGCAAU CUGAUGAG GCCGUUAGGCCGAA ICAAUUGC16755276GCAAUUGC U CCGACCCG1448CGGGUCGG CUGAUGAG GCCGUUAGGCCGAA ICAAUUGC16756278AAUUGCUC C GACCCGAG1449CUCGGGUC CUGAUGAG GCCGUUAGGCCGAA IAGCAAUU16757282GCUCCGAC C CGAGCAGU1450ACUGCUC CUGAUGAG GCCGUUAGGCCGAA IGUCGAGC16758283CUCCGACC C GAGCAGU1451CACUGCUC CUGAUGAG GCCGUUAGGCCGAA IGUCGAGG16759288ACCCGAGC A GUGCUGA1452UCCAGCAC CUGAUGAGGCCGUUAGGCCGAA ICUCGGGU16760293AGCAGUGC U GGAUCGAU1453AUCGAUCC CUGAUGAGGCCGUUAGGCCGAA ICUCGGGU16761316GUGUGAAC A AACAACA1454UGUUUGUU CUGAUGAGGCCGUUAGGCCGAA IUUCACAC16762320GAACAAC A AACAGCGA1455UCCAGCAC CUGAUGAGCGCGUUAGGCCGAA IUUUCACC16763324AAACAACA A ACAGCGA1457UCAGAAGGCUGAUGAGCCGUUAGGCCGAA IUUU	243	GUGUUGGC U CUCUUGGC	1440	GCCAAGAG CUGAUGAG GCCGUUAGGC CGAA ICCAACAC	16748
256 UGGCGUUC U UCAGGUUC 1443 GAACCUGA CUGAUGAG GCCGUUAGGC CGAA IAACGCCA 16751 259 CGUUCUUC A GGUUCACA 1444 UGUGAACC CUGAUGAG GCCGUUAGGC CGAA IAAGAACG 16752 265 UCAGGUUC A CAGCAAUU 1445 AAUUGCUG CUGAUGAG GCCGUUAGGC CGAA IAACCUGA 16753 267 AGGUUCAC A GCAAUUGC 1446 GCAAUUGC CUGAUGAG GCCGUUAGGC CGAA IUGAACCU 16754 270 UUCACAGC A AUUGCUCC 1447 GGAGCAAU CUGAUGAG GCCGUUAGGC CGAA ICUGUGAA 16755 276 GCAAUUGC U CCGACCGG 1448 CGGGUCGG CUGAUGAG GCCGUUAGGC CGAA ICAAUUGC 16756 278 AAUUGCUC C GACCCGAG 1449 CUCGGGUC CUGAUGAG GCCGUUAGGC CGAA ICAAUUGC 16757 282 GCUCCGAC C CGAGCAGU 1450 ACUGCUCG CUGAUGAG GCCGUUAGGC CGAA IUCGGAGC 16758 283 CUCCGACC C GAGCAGU 1451 CACUGCUC CUGAUGAG GCCGUUAGGC CGAA IUCGGAGC 16759 288 ACCCGACC C GAGCAGU 1451 CACUGCUC CUGAUGAG GCCGUUAGGC CGAA IGUCGGAG 16759 288 ACCCGAC A GUGCUGGA 1452 UCCAGCAC CUGAUGAG GCCGUUAGGC CGAA ICUCGGGU 16761 293 AGCAGUGC U GGAUCGAU 1453 AUCGAUCC CUGAUGAG GCCGUUAGGC CGAA ICUCGGGU 16761 316 GUGUGAAC A AACAAACA 1454 UGUUUGUU CUGAUGAG GCCGUUAGGC CGAA IUUCACAC 16762 320 GAACAAAC A AACAAACA 1455 UCCGUGUU CUGAUGAG GCCGUUAGGC CGAA IUUCACAC 16762 321 GAACAAAC A GCGAUGAA 1455 UCCGUGUU CUGAUGAG GCCGUUAGGC CGAA IUUCACAC 16762 322 GAACAAAC A GCGAUGAA 1456 UUCAUGAG GCCGUUAGGC CGAA IUUUCAUC 16763 323 GAACAAAC A CCUUCUGA 1457 UCAGAAGG CUGAUGAG GCCGUUAGGC CGAA IUUUCAUC 16763 334 AAACAAAC A CCUUCUGA 1457 UCAGAAGG CUGAUGAG GCCGUUAGGC CGAA IUUUCAUC 16764 335 GAUGAAAC C UUCUGAGUU 1458 ACUCAGAA CUGAUGAG GCCGUUAGGC CGAA IUUUCAUC 16766 338 GAAACACC U UCUGAGUU 1459 AACUCAGA CUGAUGAG GCCGUUAGGC CGAA IUUUCAUC 16766 338 GAAACACC U UCUGAGUU 1459 AACUCAGA CUGAUGAG GCCGUUAGGC CGAA IUUUCAUC 16766 341 ACACCUUC U GAGUUUUA 1460 UAAAACUC CUGAUGAG GCCGUUAGGC CGAA IUGUUUC 16767 341 ACACCUUC U GAGUUUUA 1460 UAAAACUC CUGAUGAG GCCGUUAGGC CGAA IUGCUUC 16768	245	GUUGGCUC U CUUGGCGU	1441	ACGCCAAG CUGAUGAG GCCGUUAGGC CGAA IAGCCAAC	16749
259 CGUUCUUC A GGUUCACA 1444 UGUGAACC CUGAUGAG GCCGUUAGGC CGAA IAAGAACG 16752 265 UCAGGUUC A CAGCAAUU 1445 AAUUGCUG CUGAUGAG GCCGUUAGGC CGAA IAACCUGA 16753 267 AGGUUCAC A GCAAUUGC 1446 GCAAUUGC CUGAUGAG GCCGUUAGGC CGAA IUGAACCU 16754 270 UUCACAGC A AUUGCUCC 1447 GGAGCAAU CUGAUGAG GCCGUUAGGC CGAA ICGUUGAA 16755 276 GCAAUUGC U CCGACCCG 1448 CGGGUCGG CUGAUGAG GCCGUUAGGC CGAA ICGUUGAA 16755 278 AAUUGCUC C GACCCGAG 1449 CUCGGGUC CUGAUGAG GCCGUUAGGC CGAA ICAAUUGC 16756 278 AAUUGCUC C GACCCGAG 1449 CUCGGGUC CUGAUGAG GCCGUUAGGC CGAA IAGCAAUU 16757 282 GCUCCGAC C CGAGCAGU 1450 ACUGCUC CUGAUGAG GCCGUUAGGC CGAA IUCGGAGC 16758 283 CUCCGACC C GAGCAGU 1451 CACUGCUC CUGAUGAG GCCGUUAGGC CGAA IGUCGGAG 16759 288 ACCCGAGC A GUGCUGGA 1452 UCCAGCAC CUGAUGAG GCCGUUAGGC CGAA ICUCGGGU 16760 293 AGCAGUGC U GGAUCGAU 1453 AUCGAUCC CUGAUGAG GCCGUUAGGC CGAA ICACUGCU 16761 316 GUGUGAAC A AACAAACA 1454 UGUUUGUU CUGAUGAG GCCGUUAGGC CGAA IUUCACAC 16762 320 GAACAAAC A AACAACAA 1455 UCCGCUGU CUGAUGAG GCCGUUAGGC CGAA IUUCACAC 16762 321 GAACAAAC A AACAACAA 1455 UCCGCUGU CUGAUGAG GCCGUUAGGC CGAA IUUCACAC 16762 322 GAACAAAC A AACAACAA 1456 UUCAUCGC CUGAUGAG GCCGUUAGGC CGAA IUUCGUCU 16763 323 GAACAAC A CCUUCUGA 1457 UCAGAAGG CUGAUGAG GCCGUUAGGC CGAA IUUUGUUC 16763 334 AACAAACA C UUCUGAGU 1458 ACUCAGAA CUGAUGAG GCCGUUAGGC CGAA IUUUCAUC 16765 337 UGAAACAC C UUCUGAGU 1458 ACUCAGAA CUGAUGAG GCCGUUAGGC CGAA IUUUCAUC 16766 338 GAAACACC U UCUGAGUU 1459 AACUCAGA CUGAUGAG GCCGUUAGGC CGAA IUUUCAUC 16766 338 GAAACACC U UCUGAGUU 1459 AACUCAGA CUGAUGAG GCCGUUAGGC CGAA IUUUCAUC 16766 341 ACACCUUC U GAGUUUUA 1460 UAAAACUC CUGAUGAG GCCGUUAGGC CGAA IUGUUUC 16768 359 GAAGGAAC U AGGGACCU 1461 AGGUCCCU CUGAUGAG GCCGUUAGGC CGAA IUGCUUC 16768	247	UGGCUCUC U UGGCGUUC	1442	GAACGCCA CUGAUGAG GCCGUUAGGC CGAA IAGAGCCA	16750
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267 AGGUUCAC A GCAAUUGC 1446 GCAAUUGC CUGAUGAG GCCGUUAGGC CGAA IUGAACCU 16754 270 UUCACAGC A AUUGCUCC 1447 GGAGCAAU CUGAUGAG GCCGUUAGGC CGAA ICUGUGAA 16755 276 GCAAUUGC U CCGACCGG 1448 CGGGUCGG CUGAUGAG GCCGUUAGGC CGAA ICAAUUGC 16756 278 AAUUGCUC C GACCCGAG 1449 CUCGGGUC CUGAUGAG GCCGUUAGGC CGAA IAGCAAUU 16757 282 GCUCCGAC C CGAGCAGU 1450 ACUGCUCG CUGAUGAG GCCGUUAGGC CGAA IUCGGAGC 16758 283 CUCCGACC C GAGCAGU 1451 CACUGCUC CUGAUGAG GCCGUUAGGC CGAA IGUCGGAG 16759 288 ACCCGAGC A GUGCUGAA 1452 UCCAGCAC CUGAUGAG GCCGUUAGGC CGAA ICUCGGGU 16760 293 AGCAGUGC U GGAUCGAU 1453 AUCGAUCC CUGAUGAG GCCGUUAGGC CGAA IUUCACAC 16761 316 GUGUGAAC A AACAAACA 1454 UGUUUGUU CUGAUGAG GCCGUUAGGC CGAA IUUCACAC 16762 320 GAACAAAC A AACAGCAA 1455 UCGCUGUU CUGAUGAG GCCGUUAGGC CGAA IUUUGUU 16763 324 AAACAAAC A GCGAUGAA 1456 UUCAUCGC CUGAUGAG GCCGUUAGGC CGAA IUUUCAUC 16764 335 GA	1		1	1	
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276 GCAAUUGC U CCGACCCG 1448 CGGGUCGG CUGAUGAG GCCGUUAGGC CGAA ICAAUUGC 16756 278 AAUUGCUC C GACCCGAG 1449 CUCGGGUC CUGAUGAG GCCGUUAGGC CGAA IAGCAAUU 16757 282 GCUCCGAC C CGAGCAGU 1450 ACUGCUCG CUGAUGAG GCCGUUAGGC CGAA IUCGGAGC 16758 283 CUCCGACC C GAGCAGUG 1451 CACUGCUC CUGAUGAG GCCGUUAGGC CGAA IUCGGAGC 16759 288 ACCCGAGC A GUGCUGGA 1452 UCCAGCAC CUGAUGAG GCCGUUAGGC CGAA ICUCGGGU 16760 293 AGCAGUGC U GGAUCGAU 1453 AUCGAUCC CUGAUGAG GCCGUUAGGC CGAA ICUCGGGU 16761 316 GUGUGAAC A AACAAACA 1454 UGUUUGUU CUGAUGAG GCCGUUAGGC CGAA IUUCACAC 16762 320 GAACAAAC A AACAACA 1455 UCGCUGUU CUGAUGAG GCCGUUAGGC CGAA IUUUGUUC 16763 324 AAACAAAC A ACCAGCGA 1455 UCGCUGUU CUGAUGAG GCCGUUAGGC CGAA IUUUGUUC 16763 324 AAACAAAC A GCGAUGAA 1456 UUCAUCGC CUGAUGAG GCCGUUAGGC CGAA IUUUGUUC 16764 335 GAUGAAAC A CCUUCUGA 1457 UCAGAAGG CUGAUGAG GCCGUUAGGC CGAA IUUUCAUC 16765 337 UGAAACAC C UUCUGAGUU 1458 ACUCAGAA CUGAUGAG GCCGUUAGGC CGAA IUGUUUCA 16766 338 GAAACACC U UCUGAGUU 1459 AACUCAGA CUGAUGAG GCCGUUAGGC CGAA IUGUUUCA 16766 341 ACACCUUC U GAGUUUUA 1460 UAAAACUC CUGAUGAG GCCGUUAGGC CGAA IUGUUUC 16767 341 ACACCUUC U GAGUUUUA 1460 UAAAACUC CUGAUGAG GCCGUUAGGC CGAA IUUCCUUC 16768 359 GAAGGAAC U AGGGACCU 1461 AGGUCCCU CUGAUGAG GCCGUUAGGC CGAA IUUCCUUC 16768	267	AGGUUCAC A GCAAUUGC	1446	GCAAUUGC CUGAUGAG GCCGUUAGGC CGAA IUGAACCU	16754
278 AAUUGCUC C GACCCGAG 1449 CUCGGGUC CUGAUGAG GCCGUUAGGC CGAA IAGCAAUU 16757 282 GCUCCGAC C CGAGCAGU 1450 ACUGCUCG CUGAUGAG GCCGUUAGGC CGAA IUCGGAGC 16758 283 CUCCGACC C GAGCAGUG 1451 CACUGCUC CUGAUGAG GCCGUUAGGC CGAA IUCGGAGG 16759 288 ACCCGAGC A GUGCUGGA 1452 UCCAGCAC CUGAUGAG GCCGUUAGGC CGAA ICUCGGGU 16760 293 AGCAGUGC U GGAUCGAU 1453 AUCGAUCC CUGAUGAG GCCGUUAGGC CGAA ICACUGCU 16761 316 GUGUGAAC A AACAAACA 1454 UGUUUGUU CUGAUGAG GCCGUUAGGC CGAA IUUCACAC 16762 320 GAACAAAC A AACAACA 1455 UCGCUGUU CUGAUGAG GCCGUUAGGC CGAA IUUUGUUC 16763 324 AAACAAAC A GCGAUGAA 1456 UUCAUCGC CUGAUGAG GCCGUUAGGC CGAA IUUUGUUC 16764 335 GAUGAAAC A CCUUCUGA 1457 UCAGAAGG CUGAUGAG GCCGUUAGGC CGAA IUUUCAUC 16765 337 UGAAACAC C UUCUGAGU 1458 ACUCAGAA CUGAUGAG GCCGUUAGGC CGAA IUGUUUCA 16766 338 GAAACACC U UCUGAGUU 1459 AACUCAGA CUGAUGAG GCCGUUAGGC CGAA IUGUUUCA 16766 341 ACACCUUC U GAGUUUUA 1460 UAAAACUC CUGAUGAG GCCGUUAGGC CGAA IUGUUUC 16767 341 ACACCUUC U GAGUUUUA 1460 UAAAACUC CUGAUGAG GCCGUUAGGC CGAA IUUCCUUC 16768	<u></u>	UUCACAGC A AUUGCUCC	1447	<u> </u>	16755
282 GCUCCGAC C CGAGCAGU 1450 ACUGCUCG CUGAUGAG GCCGUUAGGC CGAA IUCGGAGC 16758 283 CUCCGACC C GAGCAGUG 1451 CACUGCUC CUGAUGAG GCCGUUAGGC CGAA IGUCGGAG 16759 288 ACCCGAGC A GUGCUGGA 1452 UCCAGCAC CUGAUGAG GCCGUUAGGC CGAA ICUCGGGU 16760 293 AGCAGUGC U GGAUCGAU 1453 AUCGAUCC CUGAUGAG GCCGUUAGGC CGAA ICUCGGGU 16761 316 GUGUGAAC A AACAAACA 1454 UGUUUGUU CUGAUGAG GCCGUUAGGC CGAA IUUCACAC 16762 320 GAACAAAC A AACAGCGA 1455 UCGCUGUU CUGAUGAG GCCGUUAGGC CGAA IUUUGUUC 16763 324 AAACAAAC A GCGAUGAA 1456 UUCAUCGC CUGAUGAG GCCGUUAGGC CGAA IUUUGUUC 16763 335 GAUGAAAC A CCUUCUGA 1457 UCAGAAGG CUGAUGAG GCCGUUAGGC CGAA IUUUCAUC 16765 337 UGAAACAC C UUCUGAGU 1458 ACUCAGAA CUGAUGAG GCCGUUAGGC CGAA IUGUUUCA 16766 338 GAAACACC U UCUGAGUU 1459 AACUCAGA CUGAUGAG GCCGUUAGGC CGAA IUGUUUCA 16767 341 ACACCUUC U GAGUUUUA 1460 UAAAACUC CUGAUGAG GCCGUUAGGC CGAA IUGUUUC 16768 359 GAAGGAAC U AGGGACCU 1461 AGGUCCCU CUGAUGAG GCCGUUAGGC CGAA IUUCCUUC 16768			1448	CGGGUCGG CUGAUGAG GCCGUUAGGC CGAA ICAAUUGC	16756
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288 ACCCGAGC A GUGCUGGA 1452 UCCAGCAC CUGAUGAG GCCGUUAGGC CGAA ICUCGGGU 16760 293 AGCAGUGC U GGAUCGAU 1453 AUCGAUCC CUGAUGAG GCCGUUAGGC CGAA ICACUGCU 16761 316 GUGUGAAC A AACAAACA 1454 UGUUUGUU CUGAUGAG GCCGUUAGGC CGAA IUUCACAC 16762 320 GAACAAAC A AACAGCGA 1455 UCGCUGUU CUGAUGAG GCCGUUAGGC CGAA IUUUGUUC 16763 324 AAACAAAC A GCGAUGAA 1456 UUCAUCGC CUGAUGAG GCCGUUAGGC CGAA IUUUGUUU 16764 335 GAUGAAAC A CCUUCUGA 1457 UCAGAAGG CUGAUGAG GCCGUUAGGC CGAA IUUUCAUC 16765 337 UGAAACAC C UUCUGAGU 1458 ACUCAGAA CUGAUGAG GCCGUUAGGC CGAA IUGUUUCA 16766 338 GAAACACC U UCUGAGUU 1459 AACUCAGA CUGAUGAG GCCGUUAGGC CGAA IGUGUUUC 16767 341 ACACCUUC U GAGUUUUA 1460 UAAAACUC CUGAUGAG GCCGUUAGGC CGAA IAAGGUGU 16768 359 GAAGGAAC U AGGGACCU 1461 AGGUCCCU CUGAUGAG GCCGUUAGGC CGAA IUUCCUUC 16769	282		1450	ACUGCUCG CUGAUGAG GCCGUUAGGC CGAA IUCGGAGC	16758
293 AGCAGUGC U GGAUCGAU 1453 AUCGAUCC CUGAUGAG GCCGUUAGGC CGAA ICACUGCU 16761 316 GUGUGAAC A AACAAACA 1454 UGUUUGUU CUGAUGAG GCCGUUAGGC CGAA IUUCACAC 16762 320 GAACAAAC A AACAGCGA 1455 UCGCUGUU CUGAUGAG GCCGUUAGGC CGAA IUUUGUUC 16763 324 AAACAAAC A GCGAUGAA 1456 UUCAUCGC CUGAUGAG GCCGUUAGGC CGAA IUUUGUUU 16764 335 GAUGAAAC A CCUUCUGA 1457 UCAGAAGG CUGAUGAG GCCGUUAGGC CGAA IUUUCAUC 16765 337 UGAAACAC C UUCUGAGU 1458 ACUCAGAA CUGAUGAG GCCGUUAGGC CGAA IUGUUUCA 16766 338 GAAACACC U UCUGAGUU 1459 AACUCAGA CUGAUGAG GCCGUUAGGC CGAA IGUGUUUC 16767 341 ACACCUUC U GAGUUUUA 1460 UAAAACUC CUGAUGAG GCCGUUAGGC CGAA IAAGGUGU 16768 359 GAAGGAAC U AGGGACCU 1461 AGGUCCCU CUGAUGAG GCCGUUAGGC CGAA IUUCCUUC 16769	283	CUCCGACC C GAGCAGUG	1451	CACUGCUC CUGAUGAG GCCGUUAGGC CGAA IGUCGGAG	16759
316 GUGUGAAC A AACAAACA 1454 UGUUUGUU CUGAUGAG GCCGUUAGGC CGAA IUUCACAC 16762 320 GAACAAAC A AACAGCGA 1455 UCGCUGUU CUGAUGAG GCCGUUAGGC CGAA IUUUGUUC 16763 324 AAACAAAC A GCGAUGAA 1456 UUCAUCGC CUGAUGAG GCCGUUAGGC CGAA IUUUGUUU 16764 335 GAUGAAAC A CCUUCUGA 1457 UCAGAAGG CUGAUGAG GCCGUUAGGC CGAA IUUUCAUC 16765 337 UGAAACAC C UUCUGAGU 1458 ACUCAGAA CUGAUGAG GCCGUUAGGC CGAA IUGUUUCA 16766 338 GAAACACC U UCUGAGUU 1459 AACUCAGA CUGAUGAG GCCGUUAGGC CGAA IGUGUUUC 16767 341 ACACCUUC U GAGUUUUA 1460 UAAAACUC CUGAUGAG GCCGUUAGGC CGAA IAAGGUGU 16768 359 GAAGGAAC U AGGGACCU 1461 AGGUCCCU CUGAUGAG GCCGUUAGGC CGAA IUUCCUUC 16769	288	ACCCGAGC A GUGCUGGA	1452	UCCAGCAC CUGAUGAG GCCGUUAGGC CGAA ICUCGGGU	16760
320 GAACAAC A AACAGCGA 1455 UCGCUGUU CUGAUGAG GCCGUUAGGC CGAA IUUUGUUC 16763 324 AAACAAAC A GCGAUGAA 1456 UUCAUCGC CUGAUGAG GCCGUUAGGC CGAA IUUUGUUU 16764 335 GAUGAAAC A CCUUCUGA 1457 UCAGAAGG CUGAUGAG GCCGUUAGGC CGAA IUUUCAUC 16765 337 UGAAACAC C UUCUGAGU 1458 ACUCAGAA CUGAUGAG GCCGUUAGGC CGAA IUGUUUCA 16766 338 GAAACACC U UCUGAGUU 1459 AACUCAGA CUGAUGAG GCCGUUAGGC CGAA IGUGUUUC 16767 341 ACACCUUC U GAGUUUUA 1460 UAAAACUC CUGAUGAG GCCGUUAGGC CGAA IAAGGUGU 16768 359 GAAGGAAC U AGGGACCU 1461 AGGUCCCU CUGAUGAG GCCGUUAGGC CGAA IUUCCUUC 16769	293	AGCAGUGC U GGAUCGAU	1453	AUCGAUCC CUGAUGAG GCCGUUAGGC CGAA ICACUGCU	16761
324 AAACAAC A GCGAUGAA 1456 UUCAUCGC CUGAUGAG GCCGUUAGGC CGAA IUUUGUUU 16764 335 GAUGAAAC A CCUUCUGA 1457 UCAGAAGG CUGAUGAG GCCGUUAGGC CGAA IUUUCAUC 16765 337 UGAAACAC C UUCUGAGU 1458 ACUCAGAA CUGAUGAG GCCGUUAGGC CGAA IUGUUUCA 16766 338 GAAACACC U UCUGAGUU 1459 AACUCAGA CUGAUGAG GCCGUUAGGC CGAA IGUGUUUC 16767 341 ACACCUUC U GAGUUUUA 1460 UAAAACUC CUGAUGAG GCCGUUAGGC CGAA IAAGGUGU 16768 359 GAAGGAAC U AGGGACCU 1461 AGGUCCCU CUGAUGAG GCCGUUAGGC CGAA IUUCCUUC 16769	316	GUGUGAAC A AACAAACA	1454	<u> </u>	16762
335 GAUGAAAC A CCUUCUGA 1457 UCAGAAGG CUGAUGAG GCCGUUAGGC CGAA IUUUCAUC 16765 337 UGAAACAC C UUCUGAGU 1458 ACUCAGAA CUGAUGAG GCCGUUAGGC CGAA IUGUUUCA 16766 338 GAAACACC U UCUGAGUU 1459 AACUCAGA CUGAUGAG GCCGUUAGGC CGAA IGUGUUUC 16767 341 ACACCUUC U GAGUUUUA 1460 UAAAACUC CUGAUGAG GCCGUUAGGC CGAA IAAGGUGU 16768 359 GAAGGAAC U AGGGACCU 1461 AGGUCCCU CUGAUGAG GCCGUUAGGC CGAA IUUCCUUC 16769	320	GAACAAAC A AACAGCGA	1455	UCGCUGUU CUGAUGAG GCCGUUAGGC CGAA IUUUGUUC	16763
337 UGAAACAC C UUCUGAGU 1458 ACUCAGAA CUGAUGAG GCCGUUAGGC CGAA IUGUUUCA 16766 338 GAAACACC U UCUGAGUU 1459 AACUCAGA CUGAUGAG GCCGUUAGGC CGAA IGUGUUUC 16767 341 ACACCUUC U GAGUUUUA 1460 UAAAACUC CUGAUGAG GCCGUUAGGC CGAA IAAGGUGU 16768 359 GAAGGAAC U AGGGACCU 1461 AGGUCCCU CUGAUGAG GCCGUUAGGC CGAA IUUCCUUC 16769	324	AAACAAAC A GCGAUGAA	1456	UUCAUCGC CUGAUGAG GCCGUUAGGC CGAA IUUUGUUU	16764
338 GAAACACC U UCUGAGUU 1459 AACUCAGA CUGAUGAG GCCGUUAGGC CGAA IGUGUUUC 16767 341 ACACCUUC U GAGUUUUA 1460 UAAAACUC CUGAUGAG GCCGUUAGGC CGAA IAAGGUGU 16768 359 GAAGGAAC U AGGGACCU 1461 AGGUCCCU CUGAUGAG GCCGUUAGGC CGAA IUUCCUUC 16769	335	L	1457	UCAGAAGG CUGAUGAG GCCGUUAGGC CGAA IUUUCAUC	16765
341 ACACCUUC U GAGUUUUA 1460 UAAAACUC CUGAUGAG GCCGUUAGGC CGAA IAAGGUGU 16768 359 GAAGGAAC U AGGGACCU 1461 AGGUCCCU CUGAUGAG GCCGUUAGGC CGAA IUUCCUUC 16769	337		1458	ACUCAGAA CUGAUGAG GCCGUUAGGC CGAA IUGUUUCA	16766
359 GAAGGAAC U AGGGACCU 1461 AGGUCCCU CUGAUGAG GCCGUUAGGC CGAA IUUCCUUC 16769	338	GAAACACC U UCUGAGUU	1459	AACUCAGA CUGAUGAG GCCGUUAGGC CGAA IGUGUUUC	16767
	341	ACACCUUC U GAGUUUUA	1460	UAAAACUC CUGAUGAG GCCGUUAGGC CGAA IAAGGUGU	16768
366 CUAGGGAC C UUGACCAG 1462 CUGGUCAA CUGAUGAG GCCGUUAGGC CGAA IUCCCUAG 16770	359	GAAGGAAC U AGGGACCU	1461	AGGUCCCU CUGAUGAG GCCGUUAGGC CGAA IUUCCUUC	16769
	366	CUAGGGAC C UUGACCAG	1462	CUGGUCAA CUGAUGAG GCCGUUAGGC CGAA IUCCCUAG	16770

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367	UAGGGACC U UGACCAGU	1463	ACUGGUCA CUGAUGAG GCCGUUAGGC CGAA IGUCCCUA	16771
372	ACCUUGAC C AGUGCUAU	1464	AUAGCACU CUGAUGAG GCCGUUAGGC CGAA IUCAAGGU	16772
373	CCUUGACC A GUGCUAUC	1465	GAUAGCAC CUGAUGAG GCCGUUAGGC CGAA IGUCAAGG	16773
378	ACCAGUGC U AUCAAUCG	1466	CGAUUGAU CUGAUGAG GCCGUUAGGC CGAA ICACUGGU	16774
382	GUGCUAUC A AUCGGCGG	1467	CCGCCGAU CUGAUGAG GCCGUUAGGC CGAA IAUAGCAC	16775
394	GGCGGAGC U CAAAACAA	1468	UUGUUUUG CUGAUGAG GCCGUUAGGC CGAA ICUCCGCC	16776
396	CGGAGCUC A AAACAAAA	1469	UUUUGUUU CUGAUGAG GCCGUUAGGC CGAA IAGCUCCG	16777
401	CUCAAAAC A AAAGAAAA	1470	UUUUCUUU CUGAUGAG GCCGUUAGGC CGAA IUUUUGAG	16778
423	GGAAAGAC C GGAAUUGC	1471	GCAAUUCC CUGAUGAG GCCGUUAGGC CGAA IUCUUUCC	16779
432	GGAAUUGC A GUCAUGAU	1472	AUCAUGAC CUGAUGAG GCCGUUAGGC CGAA ICAAUUCC	16780
436	UUGCAGUC A UGAUUGGC	1473	GCCAAUCA CUGAUGAG GCCGUUAGGC CGAA IACUGCAA	16781
445	UGAUUGGC C UGAUCGCC	1474	GGCGAUCA CUGAUGAG GCCGUUAGGC CGAA ICCAAUCA	16782
	GAUUGGCC U GAUCGCCA	1475	UGGCGAUC CUGAUGAG GCCGUUAGGC CGAA IGCCAAUC	16783
446	CUGAUCGC C AGCGUAGG	1476	CCUACGCU CUGAUGAG GCCGUUAGGC CGAA ICGAUCAG	16784
453	UGAUCGCC A GCGUAGGA	1477	UCCUACGC CUGAUGAG GCCGUUAGGC CGAA IGCGAUCA	16785
454				
465	GUAGGAGC A GUUACCCU	1478		16786
471	GCAGUUAC C CUCUCUAA	1479	UUAGAGAG CUGAUGAG GCCGUUAGGC CGAA IUAACUGC	16787
472	CAGUUACC C UCUCUAAC	1480	GUUAGAGA CUGAUGAG GCCGUUAGGC CGAA IGUAACUG	16788
473	AGUUACCC U CUCUAACU	1481	AGUUAGAG CUGAUGAG GCCGUUAGGC CGAA IGGUAACU	16789
475	UUACCCUC U CUAACUUC	1482	GAAGUUAG CUGAUGAG GCCGUUAGGC CGAA IAGGGUAA	16790
477	ACCCUCUC U AACUUCCA	1483	UGGAAGUU CUGAUGAG GCCGUUAGGC CGAA IAGAGGGU	16791
481	UCUCUAAC U UCCAAGGG	1484	CCCUUGGA CUGAUGAG GCCGUUAGGC CGAA IUUAGAGA	16792
484	CUAACUUC C AAGGGAAG	1485	CUUCCCUU CUGAUGAG GCCGUUAGGC CGAA IAAGUUAG	16793
485	UAACUUCC A AGGGAAGG	1486	CCUUCCCU CUGAUGAG GCCGUUAGGC CGAA IGAAGUUA	16794
513	GUAAAUGC U ACUGACGU	1487	ACGUCAGU CUGAUGAG GCCGUUAGGC CGAA ICAUUUAC	16795
516	AAUGCUAC U GACGUCAC	1488	GUGACGUC CUGAUGAG GCCGUUAGGC CGAA IUAGCAUU	16796
523	CUGACGUC A CAGAUGUC	1489	GACAUCUG CUGAUGAG GCCGUUAGGC CGAA IACGUCAG	16797
525	GACGUCAC A GAUGUCAU	1490	AUGACAUC CUGAUGAG GCCGUUAGGC CGAA IUGACGUC	16798
532	CAGAUGUC A UCACGAUU	1491	AAUCGUGA CUGAUGAG GCCGUUAGGC CGAA IACAUCUG	16799
535	AUGUCAUC A CGAUUCCA	1492	UGGAAUCG CUGAUGAG GCCGUUAGGC CGAA IAUGACAU	16800
542	CACGAUUC C AACAGCUG	1493	CAGCUGUU CUGAUGAG GCCGUUAGGC CGAA IAAUCGUG	16801
543	ACGAUUCC A ACAGCUGC	1494	GCAGCUGU CUGAUGAG GCCGUUAGGC CGAA IGAAUCGU	16802
546	AUUCCAAC A GCUGCUGG	1495	CCAGCAGC CUGAUGAG GCCGUUAGGC CGAA IUUGGAAU	16803
549	CCAACAGC U GCUGGAAA	1496	UUUCCAGC CUGAUGAG GCCGUUAGGC CGAA ICUGUUGG	16804
552	ACAGCUGC U GGAAAGAA	1497	UUCUUUCC CUGAUGAG GCCGUUAGGC CGAA ICAGCUGU	16805
562	GAAAGAAC C UAUGCAUU	1498	AAUGCAUA CUGAUGAG GCCGUUAGGC CGAA IUUCUUUC	16806
563	AAAGAACC U AUGCAUUG	1499	CAAUGCAU CUGAUGAG GCCGUUAGGC CGAA IGUUCUUU	16807
568	ACCUAUGC A UUGUCAGA	1500	UCUGACAA CUGAUGAG GCCGUUAGGC CGAA ICAUAGGU	16808
574	GCAUUGUC A GAGCAAUG	1501	CAUUGCUC CUGAUGAG GCCGUUAGGC CGAA IACAAUGC	16809
579	GUCAGAGC A AUGGAUGU	1502	ACAUCCAU CUGAUGAG GCCGUUAGGC CGAA ICUCUGAC	16810
595	UGGGAUAC A UGUGCGAU	1503	AUCGCACA CUGAUGAG GCCGUUAGGC CGAA IUAUCCCA	16811
609	GAUGAUAC U AUCACUUA	1504	UAAGUGAU CUGAUGAG GCCGUUAGGC CGAA IUAUCAUC	16812
613	AUACUAUC A CUUAUGAA	1505	UUCAUAAG CUGAUGAG GCCGUUAGGC CGAA IAUAGUAU	16813
615	ACUAUCAC U UAUGAAUG	1506	CAUUCAUA CUGAUGAG GCCGUUAGGC CGAA IUGAUAGU	16814
625	AUGAAUGC C CAGUGCUG	1507	CAGCACUG CUGAUGAG GCCGUUAGGC CGAA ICAUUCAU	16815
626	UGAAUGCC C AGUGCUGU	1508	ACAGCACU CUGAUGAG GCCGUUAGGC CGAA IGCAUUCA	16816
627	GAAUGCCC A GUGCUGUC	1509	GACAGCAC CUGAUGAG GCCGUUAGGC CGAA IGGCAUUC	16817
632	CCCAGUGC U GUCGGCUG	1510	CAGCCGAC CUGAUGAG GCCGUUAGGC CGAA ICACUGGG	16818
639	CUGUCGGC U GGUAAUGA	1511	UCAUUACC CUGAUGAG GCCGUUAGGC CGAA ICCGACAG	16819
650	UAAUGAUC C AGAAGACA	1512	UGUCUUCU CUGAUGAG GCCGUUAGGC CGAA IAUCAUUA	16820
651	AAUGAUCC A GAAGACAU			
	CAGAAGAC A UCGACUGU	1513	AUGUCUUC CUGAUGAG GCCGUUAGGC CGAA IGAUCAUU ACAGUCGA CUGAUGAG GCCGUUAGGC CGAA IUCUUCUG	16821
658		1514		16822
664	ACAUCGAC U GUUGGUGC	1515	GCACCAAC CUGAUGAG GCCGUUAGGC CGAA IUCGAUGU	16823
673	GUUGGUGC A CAAAGUCA	1516	UGACUUUG CUGAUGAG GCCGUUAGGC CGAA ICACCAAC	16824
675	UGGUGCAC A AAGUCAGC	1517	GCUGACUU CUGAUGAG GCCGUUAGGC CGAA IUGCACCA	16825
681	ACAAAGUC A GCAGUCUA	1518	UAGACUGC CUGAUGAG GCCGUUAGGC CGAA IACUUUGU	16826
684	AAGUCAGC A GUCUACGU	1519	ACGUAGAC CUGAUGAG GCCGUUAGGC CGAA ICUGACUU	16827
688	CAGCAGUC U ACGUCAGG	1520	CCUGACGU CUGAUGAG GCCGUUAGGC CGAA IACUGCUG	16828
694	UCUACGUC A GGUAUGGA	1521	UCCAUACC CUGAUGAG GCCGUUAGGC CGAA IACGUAGA	16829
709	GAAGAUGC A CCAAGACA	1522	UGUCUUGG CUGAUGAG GCCGUUAGGC CGAA ICAUCUUC	16830
711	AGAUGCAC C AAGACACG	1523	CGUGUCUU CUGAUGAG GCCGUUAGGC CGAA IUGCAUCU	16831
712	GAUGCACC A AGACACGC	1524	GCGUGUCU CUGAUGAG GCCGUUAGGC CGAA IGUGCAUC	16832

Table IV

	717	ACCAAGAC A CGCCACUC	1525	GAGUGGCG CUGAUGAG GCCGUUAGGC CGAA IUCUUGGU	16833
1922 GRACIGCE C. A CICARAGE 1597 GUIUUNGG CICARUAGG COMA I GEORIUG CIGARIAGE CONTROL CANAGE CESCOL C. AGROCOCC S. 1529 CURCUICU CIGARIAGE GEORIUGG COMA I LANGIGGU 16837 733 CARGOCC A GUIGAGG GEORIUGG CIGARIAGE GEORIUGG COMA I LANGIGGU 16837 733 CARGOCC A GUIGAGGG CICARUAGG CIGARIAGE COMA I LANGIGGU 16837 744 CORRAGIC A GUIGAGGG CIGARIAGE CICARUAGG CIGARIAGE COMA I LANGIGGU 16837 744 CORRAGIC C. CURACAGG CIGARIAGE CESCOLURGE COMA I LANGIGGU 16837 746 GRAGUICA C. AGRACAGG CIGARIAGE CICARUAGG CIGARIAGE COMA I LANGIGGU 16837 746 GRAGUICA C. AGRACAGG CIGARIAGE CICARUAGG CICARUAGG CIGARIAGE CICARUAGG CICARUAGG CIGARUAGG CIGARUAG				UCUUGAGU CUGAUGAG GCCGUUAGGC CGAA ICGUGUCU	
		GACACGCC A CUCAAGAC	1527	GUCUUGAG CUGAUGAG GCCGUUAGGC CGAA IGCGUGUC	
1926 CSCCACUE A ABACCICAD 1529 CUCCAGUE CURADUAG SCCRUMAGE CHA TAGUEGGE 16837 1933 CARGOGE A CUGAGUAG SCCURADUAG SCCRUMAGE CHA TOGREUM 16838 1944 CGGAGGUE A CUGAGUAG SCCURADUAG CUGAUGAGE CHA TOGREUM 16838 1944 CGGAGGUE A CUGAGUAG CUGAUGAGE CHANDAG SCCRUMAGE CHANDAG SCCRUMAG					
1933 CAAGAGGE A GUGGAGGE 1530 CUCCOARC GUGAUAGG GCOSULAGGE COAR TCGUECTE 16839					
1944 GGGGGGUC I GRACHQUE 1531 ACTIGUCAG CUGAUGAG COGRULAGGE CIGAR TACCUCCE 16840 756					
1946					
1955					
1759					
				·····	
1772 GAGAAAGC A CUCURGOGO	$\overline{}$				
1776					
1976	772	GAGAAAGC A CUCUAGCG	1537		16845
1995	774	GAAAGCAC U CUAGCGAA	1538	UUCGCUAG CUGAUGAG GCCGUUAGGC CGAA IUGCUUUC	16846
1955	776	AAGCACUC U AGCGAACA	1539	UGUUCGCU CUGAUGAG GCCGUUAGGC CGAA IAGUGCUU	16847
805	784	UAGCGAAC A AGAAGGGG	1540	CCCCUUCU CUGAUGAG GCCGUUAGGC CGAA IUUCGCUA	16848
808	795	AAGGGGGC U UGGAUGGA	1541	UCCAUCCA CUGAUGAG GCCGUUAGGC CGAA ICCCCCUU	16849
B11	805	GGAUGGAC A GCACCAAG	1542	CUUGGUGC CUGAUGAG GCCGUUAGGC CGAA IUCCAUCC	16850
811	808	UGGACAGC A CCAAGGCC	1543	GGCCUUGG CUGAUGAG GCCGUUAGGC CGAA ICUGUCCA	16851
816	810	GACAGCAC C AAGGCCAC	1544	GUGGCCUU CUGAUGAG GCCGUUAGGC CGAA IUGCUGUC	16852
816	811		1545	UGUGGCCU CUGAUGAG GCCGUUAGGC CGAA IGUGCUGU	
817					
819 AAGGCCAC A AGGUAUUU					
837 GUANAANC A GANUCAUU 1550 CAUGAUUC CUGAUGAG GCCGUUJAGGC CGAA TUJUUUUAC 16857 843 ACAGAAUC A UGAGGAAC 1551 GUUCCUCA CUGAUGAG GCCGUUJAGGC CGAA TAJUCGAU 16858 859 CAUGGAUC U UGAGGGAAC 1551 GUUCCUCA CUGAUGAG GCCGUUJAGGC CGAA TAJUCGAU 16858 859 UGAGGAAC C CUGGAUJU 1552 AUAUCCAG CUGAUGAG GCCGUUJAGGC CGAA TUJUCGUC 16860 860 GAGGAACC C UGGAUJUG 1553 CAUAUCCA CUGAUGAG GCCGUUJAGGC CGAA TUJUCGUC 16861 861 AGGAACCC U UGGUUGGC 1555 GCCACCAG CUGAUGAG GCCGUUJAGGC CGAA TUJUCCU 16862 870 GGAUAUGC C UGGUUGGC 1555 GCCACCAG CUGAUGAG GCCGUUJAGGC CGAA TGGUUCCU 16863 871 GAUGUGCC C UGGUUGGC 1555 GCCACCAG CUGAUGAG GCCGUUJAGGC CGAA TGAUJUCC 16863 872 AUAUGCCC U GGUUGGC 1555 GCCACCAC CUGAUGAG GCCGUUJAGGC CGAA TGCAUAUC 16863 873 GAUGUGCA GCCGUCAU 1558 AUGACGCC CUGAUGAG GCCGUUJAGGC CGAA TGCAUAUC 16864 874 CUGGUGGC GCCGUCAU 1558 AUGACGCC CUGAUGAG GCCGUUJAGGC CGAA TCCACCAG 16866 875 CUGGUGGC GUCAUUGG 1555 CCAAUGAC CUGAUGAG GCCGUUJAGGC CGAA TCCACCAG 16866 882 GUGGCAGC GUCAUUGG 1559 CCAAUGAC CUGAUGAG GCCGUUJAGGC CGAA TCCACCAG 16866 882 GUGGCAGC GUCAUUGG 1556 UGCCACCA CUGAUGAG GCCGUUJAGGC CGAA TCCACCAG 16866 883 GUGGCAGC GUCAUUGG 1556 UGCCACCA CUGAUGAG GCCGUUJAGGC CGAA TCAUCCAA 16867 907 UUGGGAGCA ACACCAUG 1556 UGCCUCCA CUGAUGAG GCCGUUJAGGC CGAA TCAUCCAA 16869 907 UUGGGAGCA ACACCAUG 1552 CAUGUGU CUGAUGAG GCCGUUJAGGC CGAA TUJUGCUC 16871 912 AGCAACAC AUGCAGGA 1556 UCUCUGCA CUGAUGAG GCCGUUJAGGC CGAA TUJUGUUC 16872 913 GCAACACC AUGCAGGA 1565 UCUCUGCA CUGAUGAG GCCGUUJAGGC CGAA TUJUGUUC 16873 914 GCUAUCAG UGAGGAG 1566 CUCAUGAGA GCCGUUJAGGC CGAA TUGUUJAC 16873 915 CACCAUCA AUGCAUGA 1567 AAAGCAG CUGAUGAG GCCGUUJAGGC CGAA TCAUGAG 16876 916 GCACCACC AUGCAGGA 1567 AAAGCAG CUGAUGAG GCCGUUJAGGC CGAA TCAUGAG 16876 917 CACCAUGC			 		⊢
RAGARAUC A UGGAUCUU			 		
850					\vdash
859					
860 GAGGAACC C UGGAUAUG 1553 CAUAUCCA CUGAUGAG GCGULAGG CGAA IGUUCCU 16861 861 AGGAACC U GGAUAUGC 1554 GCACACG CUGAUGGG CAA IGGUUCCU 16862 870 GGAUAUGC C UGGUGGC 1555 GCCACCAC CUGAUGAG GCAA IGGUUCAU 16863 871 GAUAUGC C UGGUGGCA 1556 UGCCACCA CUGAUGAG GCCGUUAGG CGAA IGCAUAU 16864 872 AUAUGCC U GGUGGCA 1557 CUGCACC CUGAUGAG CGAA IGCACCAU 16865 882 GUGGUGCA ACCCGUUAU 1558 AUGACGC CUGAUGAG GCAA ICACCCA 16867 886 CAGCCGUC A UUGGUGG 1550 CCAAACAA CUGAUGAG CGAA IACACCAUG 16867 899 UUGGAUGC UAGGAGACA 1561 UGCUGCAC CUGAUGAG CGAA IACAUCCAA 16869 907 UUGGGACA A CACCAUG 1552 CAUGGUGG CUGAUGAG GCCGUUAGC CGAA IACAUCCA 1					
861 AGGAACCC U GGNUAUGC 1554 GCAUAUCC CUGAUGAG GCGUUAGG CGAA IGGUUCU 16862 870 GGAUAUGC C UUGUUGGC 1555 GCCACCAG CUGAUGAG GCGUUAGGC COAA ICAUAUCC 16863 871 GAUAUGCC C UUGUUGGC A 1556 UUGCACCA CUGAUGAG GCCGUUAGGC COAA ICAUAUCC 16864 872 AUAUGCCC U GGUGAUG 1557 CUGCACCA CUGAUGAG GCCGUUAGGC COAA ICACCACG 16865 879 CUGGUGGC A GCGUCAUU 1558 AUGACGCC CUGAUGAG GCCGUUAGGC CGAA ICCACCAG 16866 882 GUGGACC C GUCAUUGG 1559 CCAAUGAC CUGAUGAG GCCGUUAGGC CGAA ICCGCCAC 16866 886 CAGCCGUC A UUGGGAGCA 1561 UGCUCCCA CUGAUGAG GCCGUUAGGC CGAA ICCUCCAA 16869 907 UUGGAGCA A ACACCAUG 1562 CAUGGUGU CUGAUGAG GCCGUUAGGC CGAA ICCUCCAA 16879 910 GGAGCAAC A CCAUGAGA 1563 CUGCUGCA CUGAUGAG GCAA ICCUCCAA 16870 912 AGCAACAC A UGCAGAGA 1					
870 GGANAUGC C UGGUGGC 1555 GCCACCA CUGANUGG CCAN ICAUAUCC 16863 871 GANAUGCC C UGGUGGCA 1556 UGCCACCA CUGAUGGG CGAA IGCALOCA 16864 872 AUAUGCCC UGGUGGCA 1557 CUGCCACC CUGAUGGG CGAA IGGAAUAU 16865 879 CUGGUGGC A GCGUCAU 1558 AUGACGGC CUGAUGGG CGAA ICCACCAC 16866 882 GUGGCAGC C GUCAUUGG 1559 CCAACACA CUGAUGGG CGAA ICCACCAC 16867 886 CAGCGUCA A UUGGAUGC 1561 UGCUCCA CUGAUGG CGAA ICCACCAC 16869 997 UUGGGAGC A CACCAUG 1562 CAUGGAUG CUGAUGG CGAA ICUCCCAA ICAGUUGG CGAA ICUCCCAA ICAGUUGGC CGAA ICUCCCAA ICAGUUGGC CGAA ICUCCCAA ICAGUUGGC CGAA ICUCCCAA ICAGUUGGC CGAA ICUUCCAA ICAGUUAGGC CGAA	h				
871 GAUAUGCC C UGGUGGCA 1556 UGCCACCA CUGAUGAG CCAA IGAUAUUC 16864 872 AUAUGCCC U GGUGGCAG 1557 CUGCCACC CUGAUGAG CGAA IGAGAAUAU 16865 879 CUGGUGGC GCCGUCAU 1558 AUGACGGC CUGAUGAG CCGAA ICCACCAG 16866 882 GUGGCAGC C GUCAUUGG 1559 CCAAUGAC CUGAUGAG CCGAA ICCACCAC 16867 886 CAGCGUC A UGGGUGG 1560 CCAACCAC CUGAUGAG GCGUUAGGC CGAA ICUCCCAC 16868 899 UUGGAGC A CACCAUG 1561 UGCUCCA CUGAUGAG CGAA ICUCCCAC 16869 910 GGAGCAAC A CCAUGCAG 1563 CUGCAUGAG GCGUUAGG CGAA ICUCCCAC ICAGUGGG CGAA IUUGCUCC 16871 912 AGCAACCA A UGCAGAAG 1564 CUCUGCA CUGAUGAG CCGAA IUUGUGGC CAACAGAC 16872 AAAGCU					
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1020 UCUGGAGC A ACAUGGGU 1585 ACCCAUGU CUGAUGAG GCCGUUAGGC CGAA ICUCCAGA 16893				<u> </u>	16891
					16892
1023 GGAGCAAC A UGGGUGGA 1586 UCCACCCA CUGAUGAG GCCGUUAGGC CGAA IUUGCUCC 16894				ACCCAUGU CUGAUGAG GCCGUUAGGC CGAA ICUCCAGA	16893
	1023	GGAGCAAC A UGGGUGGA	1586	UCCACCCA CUGAUGAG GCCGUUAGGC CGAA IUUGCUCC	16894

		1505	CCCCTTICO C1031/030 CCCCTTI3000 CC33 733 CC3333	15005
1040	UUUGGUUC U CGAAGGCG	1587	CGCCUUCG CUGAUGAG GCCGUUAGGC CGAA IAACCAAA	16895
1051	AAGGCGAC A GCUGCGUG	1588	CACGCAGC CUGAUGAG GCCGUUAGGC CGAA IUCGCCUU	16896
1054	GCGACAGC U GCGUGACU	1589	AGUCACGC CUGAUGAG GCCGUUAGGC CGAA ICUGUCGC	16897
1062	UGCGUGAC U AUCAUGUC	1590	GACAUGAU CUGAUGAG GCCGUUAGGC CGAA IUCACGCA	16898
1066	UGACUAUC A UGUCUAAG	1591	CUUAGACA CUGAUGAG GCCGUUAGGC CGAA IAUAGUCA	16899
1071	AUCAUGUC U AAGGACAA	1592	UUGUCCUU CUGAUGAG GCCGUUAGGC CGAA IACAUGAU	16900
1078	CUAAGGAC A AGCCUACC	1593	GGUAGGCU CUGAUGAG GCCGUUAGGC CGAA IUCCUUAG	16901
	GGACAAGC C UACCAUCG	1594	CGAUGGUA CUGAUGAG GCCGUUAGGC CGAA ICUUGUCC	16902
1082				
1083	GACAAGCC U ACCAUCGA	1595	UCGAUGGU CUGAUGAG GCCGUUAGGC CGAA IGCUUGUC	16903
1086	AAGCCUAC C AUCGAUGU	1596	ACAUCGAU CUGAUGAG GCCGUUAGGC CGAA IUAGGCUU	16904
1087	AGCCUACC A UCGAUGUG	1597	CACAUCGA CUGAUGAG GCCGUUAGGC CGAA IGUAGGCU	16905
1120	AGGCGGUC A ACCUGGCA	1598	UGCCAGGU CUGAUGAG GCCGUUAGGC CGAA IACCGCCU	16906
1123	CGGUCAAC C UGGCAGAG	1599	CUCUGCCA CUGAUGAG GCCGUUAGGC CGAA IUUGACCG	16907
1124	GGUCAACC U GGCAGAGG	1600	CCUCUGCC CUGAUGAG GCCGUUAGGC CGAA IGUUGACC	16908
1128	AACCUGGC A GAGGUCCG	1601	CGGACCUC CUGAUGAG GCCGUUAGGC CGAA ICCAGGUU	16909
1135	CAGAGGUC C GCAGUUAU	1602	AUAACUGC CUGAUGAG GCCGUUAGGC CGAA IACCUCUG	16910
1138	AGGUCCGC A GUUAUUGC	1603	GCAAUAAC CUGAUGAG GCCGUUAGGC CGAA ICGGACCU	16911
h			AGCCAAAU CUGAUGAG GCCGUUAGGC CGAA ICAAUAAC	
1147	GUUAUUGC U AUUUGGCU	1604		16912
1155	UAUUUGGC U ACCGUCAG	1605	CUGACGGU CUGAUGAG GCCGUUAGGC CGAA ICCAAAUA	16913
1158	UUGGCUAC C GUCAGCGA	1606	UCGCUGAC CUGAUGAG GCCGUUAGGC CGAA IUAGCCAA	16914
1162	CUACCGUC A GCGAUCUC	1607	GAGAUCGC CUGAUGAG GCCGUUAGGC CGAA IACGGUAG	16915
1169	CAGCGAUC U CUCCACCA	1608	UGGUGGAG CUGAUGAG GCCGUUAGGC CGAA IAUCGCUG	16916
1171	GCGAUCUC U CCACCAAA	1609	UUUGGUGG CUGAUGAG GCCGUUAGGC CGAA IAGAUCGC	16917
1173	GAUCUCUC C ACCAAAGC	1610	GCUUUGGU CUGAUGAG GCCGUUAGGC CGAA IAGAGAUC	16918
1174	AUCUCUCC A CCAAAGCU	1611	AGCUUUGG CUGAUGAG GCCGUUAGGC CGAA IGAGAGAU	16919
1176	CUCUCCAC C AAAGCUGC	1612	GCAGCUUU CUGAUGAG GCCGUUAGGC CGAA IUGGAGAG	16920
1177	UCUCCACC A AAGCUGCG	1613	CGCAGCUU CUGAUGAG GCCGUUAGGC CGAA IGUGGAGA	16921
1182	ACCAAAGC U GCGUGCCC	1614	GGGCACGC CUGAUGAG GCCGUUAGGC CGAA ICUUUGGU	16922
		 		
1189	CUGCGUGC C CGACCAUG	1615	CAUGGUCG CUGAUGAG GCCGUUAGGC CGAA ICACGCAG	16923
1190	UGCGUGCC C GACCAUGG	1616	CCAUGGUC CUGAUGAG GCCGUUAGGC CGAA IGCACGCA	16924
1194	UGCCCGAC C AUGGGAGA	1617	UCUCCCAU CUGAUGAG GCCGUUAGGC CGAA IUCGGGCA	16925
1195	GCCCGACC A UGGGAGAA	1618	UUCUCCCA CUGAUGAG GCCGUUAGGC CGAA IGUCGGGC	16926
1206	GGAGAAGC U CACAAUGA	1619	UCAUUGUG CUGAUGAG GCCGUUAGGC CGAA ICUUCUCC	16927
1208	AGAAGCUC A CAAUGACA	1620	UGUCAUUG CUGAUGAG GCCGUUAGGC CGAA IAGCUUCU	16928
1210	AAGCUCAC A AUGACAAA	1621	UUUGUCAU CUGAUGAG GCCGUUAGGC CGAA IUGAGCUU	16929
1216	ACAAUGAC A AACGUGCU	1622	AGCACGUU CUGAUGAG GCCGUUAGGC CGAA IUCAUUGU	16930
1224	AAACGUGC U GACCCAGC	1623	GCUGGGUC CUGAUGAG GCCGUUAGGC CGAA ICACGUUU	16931
1228	GUGCUGAC C CAGCUUUU	1624	AAAAGCUG CUGAUGAG GCCGUUAGGC CGAA IUCAGCAC	16932
1229	UGCUGACC C AGCUUUUG	1625	CAAAAGCU CUGAUGAG GCCGUUAGGC CGAA IGUCAGCA	16933
1230	GCUGACCC A GCUUUUGU	1626	ACAAAAGC CUGAUGAG GCCGUUAGGC CGAA IGGUCAGC	16934
1233	GACCCAGC U UUUGUGUG	1627	CACACAAA CUGAUGAG GCCGUUAGGC CGAA ICUGGGUC	16935
———	UUGUGUGC A GACAAGGA	1628	UCCUUGUC CUGAUGAG GCCGUUAGGC CGAA ICACACAA	
1243		<u> </u>	l	16936
1247	GUGCAGAC A AGGAGUGG	1629	CCACUCCU CUGAUGAG GCCGUUAGGC CGAA IUCUGCAC	16937
1261	UGGUGGAC A GGGGCUGG	1630	CCAGCCCC CUGAUGAG GCCGUUAGGC CGAA IUCCACCA	16938
1267	ACAGGGC U GGGGCAAC	1631	GUUGCCCC CUGAUGAG GCCGUUAGGC CGAA ICCCCUGU	16939
1273	GCUGGGGC A ACGGCUGC	1632	GCAGCCGU CUGAUGAG GCCGUUAGGC CGAA ICCCCAGC	16940
1279	GCAACGGC U GCGGAUUA	1633	UAAUCCGC CUGAUGAG GCCGUUAGGC CGAA ICCGUUGC	16941
1294	UAUUUGGC A AAGGAAGC	1634	GCUUCCUU CUGAUGAG GCCGUUAGGC CGAA ICCAAAUA	16942
1303	AAGGAAGC A UUGACACA	1635	UGUGUCAA CUGAUGAG GCCGUUAGGC CGAA ICUUCCUU	16943
1309	GCAUUGAC A CAUGCGCC	1636	GGCGCAUG CUGAUGAG GCCGUUAGGC CGAA IUCAAUGC	16944
1311	AUUGACAC A UGCGCCAA	1637	UUGGCGCA CUGAUGAG GCCGUUAGGC CGAA IUGUCAAU	16945
1317	ACAUGCGC C AAAUUUGC	1638	GCAAAUUU CUGAUGAG GCCGUUAGGC CGAA ICGCAUGU	16946
1318	CAUGCGCC A AAUUUGCC	1639	GGCAAAUU CUGAUGAG GCCGUUAGGC CGAA IGCGCAUG	16947
1326	AAAUUUGC C UGCUCUAC	1640	GUAGAGCA CUGAUGAG GCCGUUAGGC CGAA ICAAAUUU	16948
1327	AAUUUGCC U GCUCUACC	1641	GGUAGAGCA CUGAUGAG GCCGUUAGGC CGAA ICAAAOUU GGUAGAGC CUGAUGAG GCCGUUAGGC CGAA IGCAAAUU	
	UUGCCUGC U CUACCAAG			16949
1330		1642	CUUGGUAG CUGAUGAG GCCGUUAGGC CGAA ICAGGCAA	16950
1332	GCCUGCUC U ACCAAGGC	1643	GCCUUGGU CUGAUGAG GCCGUUAGGC CGAA IAGCAGGC	16951
1335	UGCUCUAC C AAGGCAAU	1644	AUUGCCUU CUGAUGAG GCCGUUAGGC CGAA IUAGAGCA	16952
1336	GCUCUACC A AGGCAAUA	1645	UAUUGCCU CUGAUGAG GCCGUUAGGC CGAA IGUAGAGC	16953
1341	ACCAAGGC A AUAGGAAG	1646	CUUCCUAU CUGAUGAG GCCGUUAGGC CGAA ICCUUGGU	16954
1353	GGAAGAAC C AUCUUGAA	1647	UUCAAGAU CUGAUGAG GCCGUUAGGC CGAA IUUCUUCC	16955
1354	GAAGAACC A UCUUGAAA	1648	UUUCAAGA CUGAUGAG GCCGUUAGGC CGAA IGUUCUUC	16956

Table IV

1357	GAACCAUC U UGAAAGAG	1649	CUCUUUCA CUGAUGAG GCCGUUAGGC CGAA IAUGGUUC	16957
1372	AGAAUAUC A AGUACGAA	1650	UUCGUACU CUGAUGAG GCCGUUAGGC CGAA IAUAUUCU	16958
1386	GAAGUGGC C AUUUUUGU	1651	ACAAAAAU CUGAUGAG GCCGUUAGGC CGAA ICCACUUC	16959
1387	AAGUGGCC A UUUUUGUC	1652	GACAAAAA CUGAUGAG GCCGUUAGGC CGAA IGCCACUU	16960
1396	UUUUUGUC C AUGGACCA	1653	UGGUCCAU CUGAUGAG GCCGUUAGGC CGAA IACAAAAA	16961
1397	UUUUGUCC A UGGACCAA	1654	UUGGUCCA CUGAUGAG GCCGUUAGGC CGAA IGACAAAA	16962
1403	CCAUGGAC C AACUACUG	1655	CAGUAGUU CUGAUGAG GCCGUUAGGC CGAA IUCCAUGG	16963
1404	CAUGGACC A ACUACUGU	1656	ACAGUAGU CUGAUGAG GCCGUUAGGC CGAA IGUCCAUG	16964
1407	GGACCAAC U ACUGUGGA	1657	UCCACAGU CUGAUGAG GCCGUUAGGC CGAA IUUGGUCC	16965
1410	CCAACUAC U GUGGAGUC	1658	GACUCCAC CUGAUGAG GCCGUUAGGC CGAA IUAGUUGG	16966
1421	GGAGUCGC A CGGAAACU	1659	AGUUUCCG CUGAUGAG GCCGUUAGGC CGAA ICGACUCC	16967
1429	ACGGAAAC U ACUCCACA	1660	UGUGGAGU CUGAUGAG GCCGUUAGGC CGAA IUUUCCGU	16968
1432	GAAACUAC U CCACACAG	1661	CUGUGUGG CUGAUGAG GCCGUUAGGC CGAA IUAGUUUC	16969
1434	AACUACUC C ACACAGGU	1662	ACCUGUGU CUGAUGAG GCCGUUAGGC CGAA IAGUAGUU	16970
	ACUACUCC A CACAGGUU	1663	AACCUGUG CUGAUGAG GCCGUUAGGC CGAA IGAGUAGU	16971
1435			CCAACCUG CUGAUGAG GCCGUUAGGC CGAA IUGGAGUA	
1437	UACUCCAC A CAGGUUGG	1664		16972
1439	CUCCACAC A GGUUGGAG	1665	CUCCAACC CUGAUGAG GCCGUUAGGC CGAA IUGUGGAG	16973
1449	GUUGGAGC C ACUCAGGC	1666	GCCUGAGU CUGAUGAG GCCGUUAGGC CGAA ICUCCAAC	16974
1450	UUGGAGCC A CUCAGGCA	1667	UGCCUGAG CUGAUGAG GCCGUUAGGC CGAA IGCUCCAA	16975
1452	GGAGCCAC U CAGGCAGG	1668	CCUGCUG CUGAUGAG GCCGUUAGGC CGAA IUGGCUCC	16976
1454	AGCCACUC A GGCAGGGA	1669	UCCCUGCC CUGAUGAG GCCGUUAGGC CGAA IAGUGGCU	16977
1458	ACUCAGGC A GGGAGAUU	1670	AAUCUCCC CUGAUGAG GCCGUUAGGC CGAA ICCUGAGU	16978
1468	GGAGAUUC A GCAUCACU	1671	AGUGAUGC CUGAUGAG GCCGUUAGGC CGAA IAAUCUCC	16979
1471	GAUUCAGC A UCACUCCU	1672	AGGAGUGA CUGAUGAG GCCGUUAGGC CGAA ICUGAAUC	16980
1474	UCAGCAUC A CUCCUGCG	1673	CGCAGGAG CUGAUGAG GCCGUUAGGC CGAA IAUGCUGA	16981
1476	AGCAUCAC U CCUGCGGC	1674	GCCGCAGG CUGAUGAG GCCGUUAGGC CGAA IUGAUGCU	16982
1478	CAUCACUC C UGCGGCGC	1675	GCGCCGCA CUGAUGAG GCCGUUAGGC CGAA IAGUGAUG	16983
1479	AUCACUCC U GCGGCGCC	1676	GGCGCCGC CUGAUGAG GCCGUUAGGC CGAA IGAGUGAU	16984
1487	UGCGGCGC C UUCAUACA	1677	UGUAUGAA CUGAUGAG GCCGUUAGGC CGAA ICGCCGCA	16985
1488	GCGGCGCC U UCAUACAC	1678	GUGUAUGA CUGAUGAG GCCGUUAGGC CGAA IGCGCCGC	16986
1491	GCGCCUUC A UACACACU	1679	AGUGUGUA CUGAUGAG GCCGUUAGGC CGAA IAAGGCGC	16987
1495	CUUCAUAC A CACUAAAG	1680	CUUUAGUG CUGAUGAG GCCGUUAGGC CGAA IUAUGAAG	16988
1497	UCAUACAC A CUAAAGCU	1681	AGCUUUAG CUGAUGAG GCCGUUAGGC CGAA IUGUAUGA	16989
1499	AUACACAC U AAAGCUUG	1682	CAAGCUUU CUGAUGAG GCCGUUAGGC CGAA IUGUGUAU	16990
1505	ACUAAAGC U UGGAGAAU	1683	AUUCUCCA CUGAUGAG GCCGUUAGGC CGAA ICUUUAGU	16991
1527	GAGGUGAC A GUGGACUG	1684	CAGUCCAC CUGAUGAG GCCGUUAGGC CGAA IUCACCUC	16992
1534	CAGUGGAC U GUGAACCA	1685	UGGUUCAC CUGAUGAG GCCGUUAGGC CGAA IUCCACUG	16993
1541	CUGUGAAC C ACGGUCAG	1686	CUGACCGU CUGAUGAG GCCGUUAGGC CGAA IUUCACAG	16994
1542	UGUGAACC A CGGUCAGG	1687	CCUGACCG CUGAUGAG GCCGUUAGGC CGAA IGUUCACA	16995
1548	CCACGGUC A GGGAUUGA	1688	UCAAUCCC CUGAUGAG GCCGUUAGGC CGAA IACCGUGG	16996
1558	GGAUUGAC A CCAAUGCA	1689	UGCAUUGG CUGAUGAG GCCGUUAGGC CGAA IUCAAUCC	16997
1560	AUUGACAC C AAUGCAUA	1690	UAUGCAUU CUGAUGAG GCCGUUAGGC CGAA IUGUCAAU	16998
1561	UUGACACC A AUGCAUAC	1691	GUAUGCAU CUGAUGAG GCCGUUAGGC CGAA IGUGUCAA	16999
1566	ACCAAUGC A UACUACGU	1692	ACGUAGUA CUGAUGAG GCCGUUAGGC CGAA ICAUUGGU	17000
1570	AUGCAUAC U ACGUGAUG	1693	CAUCACGU CUGAUGAG GCCGUUAGGC CGAA IUAUGCAU	17001
1581	GUGAUGAC U GUUGGAAC	1694	GUUCCAAC CUGAUGAG GCCGUUAGGC CGAA IUCAUCAC	17002
1590	GUUGGAAC A AAGACGUU	1695	AACGUCUU CUGAUGAG GCCGUUAGGC CGAA IUUCCAAC	17003
1600	AGACGUUC U UGGUCCAU	1696	AUGGACCA CUGAUGAG GCCGUUAGGC CGAA IAACGUCU	17004
1606	UCUUGGUC C AUCGUGAG	1697	CUCACGAU CUGAUGAG GCCGUUAGGC CGAA IACCAAGA	17005
1607	CUUGGUCC A UCGUGAGU	1698	ACUCACGA CUGAUGAG GCCGUUAGGC CGAA IGACCAAG	17006
1621	AGUGGUUC A UGGACCUC	1699	GAGGUCCA CUGAUGAG GCCGUUAGGC CGAA IAACCACU	17007
1627	UCAUGGAC C UCAACCUC	1700	GAGGUUGA CUGAUGAG GCCGUUAGGC CGAA IUCCAUGA	17008
1628	CAUGGACC U CAACCUCC	1701	GGAGGUUG CUGAUGAG GCCGUUAGGC CGAA IGUCCAUG	17009
1630	UGGACCUC A ACCUCCCU	1702	AGGGAGGU CUGAUGAG GCCGUUAGGC CGAA IAGGUCCA	17010
1633	ACCUCAAC C UCCCUUGG	1703	CCAAGGGA CUGAUGAG GCCGUUAGGC CGAA IUUGAGGU	17011
1634	CCUCAACC U CCCUUGGA	1704	UCCAAGGG CUGAUGAG GCCGUUAGGC CGAA IGUUGAGG	17012
1636	UCAACCUC C CUUGGAGC	1705	GCUCCAAG CUGAUGAG GCCGUUAGGC CGAA IAGGUUGA	17013
1637	CAACCUCC C UUGGAGCA	1706	UGCUCCAA CUGAUGAG GCCGUUAGGC CGAA IGAGGUUG	17013
1638	AACCUCCC U UGGAGCAG	1707		
1645	CUUGGAGC A GUGCUGGA	1708	CUGCUCCA CUGAUGAG GCCGUUAGGC CGAA IGGAGGUU	17015
1650	AGCAGUGC U GGAAGUAC	1709	UCCAGCAC CUGAUGAG GCCGUUAGGC CGAA ICUCCAAG	17016
1659	GGAAGUAC U GUGUGGAG	1710	GUACUUCC CUGAUGAG GCCGUUAGGC CGAA ICACUGCU	17017
1022	GGAAGUAC U GUGUGGAG	1 1/10	CUCCACAC CUGAUGAG GCCGUUAGGC CGAA IUACUUCC	17018

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1672	GGAGGAAC A GAGAGACG	1711	CGUCUCUC CUGAUGAG GCCGUUAGGC CGAA IUUCCUCC	17019
\vdash		1712		
1700	UGAGGAAC C ACACGCCA	 _	UGGCGUGU CUGAUGAG GCCGUUAGGC CGAA IUUCCUCA	17020
1701	GAGGAACC A CACGCCAC	1713	GUGGCGUG CUGAUGAG GCCGUUAGGC CGAA IGUUCCUC	17021
1703	GGAACCAC A CGCCACGA	1714	UCGUGGCG CUGAUGAG GCCGUUAGGC CGAA IUGGUUCC	17022
1707	CCACACGC C ACGAAGCA	1715	UGCUUCGU CUGAUGAG GCCGUUAGGC CGAA ICGUGUGG	17023
1708	CACACGCC A CGAAGCAG	1716	CUGCUUCG CUGAUGAG GCCGUUAGGC CGAA IGCGUGUG	17024
1715	CACGAAGC A GUCUGUGA	1717	UCACAGAC CUGAUGAG GCCGUUAGGC CGAA ICUUCGUG	17025
1719	AAGCAGUC U GUGAUAGC	1718	GCUAUCAC CUGAUGAG GCCGUUAGGC CGAA IACUGCUU	17026
1728	GUGAUAGC A UUGGGCUC	1719	GAGCCCAA CUGAUGAG GCCGUUAGGC CGAA ICUAUCAC	17027
1735	CAUUGGGC U CACAAGAG	1720	CUCUUGUG CUGAUGAG GCCGUUAGGC CGAA ICCCAAUG	17028
1737	UUGGGCUC A CAAGAGGG	1721	CCCUCUUG CUGAUGAG GCCGUUAGGC CGAA IAGCCCAA	17029
1739	GGGCUCAC A AGAGGGAG	1722	CUCCCUCU CUGAUGAG GCCGUUAGGC CGAA IUGAGCCC	17030
	GAGGGAGC U CUGCAUCA	1723	UGAUGCAG CUGAUGAG GCCGUUAGGC CGAA ICUCCCUC	
1749				17031
1751	GGGAGCUC U GCAUCAAG	1724	CUUGAUGC CUGAUGAG GCCGUUAGGC CGAA IAGCUCCC	17032
1754	AGCUCUGC A UCAAGCUU	1725	AAGCUUGA CUGAUGAG GCCGUUAGGC CGAA ICAGAGCU	17033
1757	UCUGCAUC A AGCUUUGG	1726	CCAAAGCU CUGAUGAG GCCGUUAGGC CGAA IAUGCAGA	17034
1761	CAUCAAGC U UUGGCUGG	1727	CCAGCCAA CUGAUGAG GCCGUUAGGC CGAA ICUUGAUG	17035
1767	GCUUUGGC U GGAGCCAU	1728	AUGGCUCC CUGAUGAG GCCGUUAGGC CGAA ICCAAAGC	17036
1773	GCUGGAGC C AUUCCUGU	1729	ACAGGAAU CUGAUGAG GCCGUUAGGC CGAA ICUCCAGC	17037
1774	CUGGAGCC A UUCCUGUG	1730	CACAGGAA CUGAUGAG GCCGUUAGGC CGAA IGCUCCAG	17038
1778	AGCCAUUC C UGUGGAAU	1731	AUUCCACA CUGAUGAG GCCGUUAGGC CGAA IAAUGGCU	17039
1779	GCCAUUCC U GUGGAAUU	1732	AAUUCCAC CUGAUGAG GCCGUUAGGC CGAA IGAAUGGC	17040
1791	GAAUUUUC A AGCAACAC	1733	GUGUUGCU CUGAUGAG GCCGUUAGGC CGAA IAAAAUUC	17041
1795	UUUCAAGC A ACACUGUC	1734	GACAGUGU CUGAUGAG GCCGUUAGGC CGAA ICUUGAAA	17042
1798	CAAGCAAC A CUGUCAAG	1735	CUUGACAG CUGAUGAG GCCGUUAGGC CGAA IUUGCUUG	17042
1800				
	AGCAACAC U GUCAAGUU	1736	AACUUGAC CUGAUGAG GCCGUUAGGC CGAA IUGUUGCU	17044
1804	ACACUGUC A AGUUGACG	1737	CGUCAACU CUGAUGAG GCCGUUAGGC CGAA IACAGUGU	17045
1820	GUCGGGUC A UUUGAAGU	1738	ACUUCAAA CUGAUGAG GCCGUUAGGC CGAA IACCCGAC	17046
1853	AAAAUUGC A GUUGAAGG	1739	CCUUCAAC CUGAUGAG GCCGUUAGGC CGAA ICAAUUUU	17047
1866	AAGGGAAC A ACCUAUGG	1740	CCAUAGGU CUGAUGAG GCCGUUAGGC CGAA IUUCCCUU	17048
1869	GGAACAAC C UAUGGCGU	1741	ACGCCAUA CUGAUGAG GCCGUUAGGC CGAA IUUGUUCC	17049
1870	GAACAACC U AUGGCGUC	1742	GACGCCAU CUGAUGAG GCCGUUAGGC CGAA IGUUGUUC	17050
1879	AUGGCGUC U GUUCAAAG	1743	CUUUGAAC CUGAUGAG GCCGUUAGGC CGAA IACGCCAU	17051
1884	GUCUGUUC A AAGGCUUU	1744	AAAGCCUU CUGAUGAG GCCGUUAGGC CGAA IAACAGAC	17052
1890	UCAAAGGC U UUCAAGUU	1745	AACUUGAA CUGAUGAG GCCGUUAGGC CGAA ICCUUUGA	17053
1894	AGGCUUUC A AGUUUCUU	1746	AAGAAACU CUGAUGAG GCCGUUAGGC CGAA IAAAGCCU	17054
1901	CAAGUUUC U UGGGACUC	1747	GAGUCCCA CUGAUGAG GCCGUUAGGC CGAA IAAACUUG	17055
1908	CUUGGGAC U CCCGCAGA	1748	UCUGCGGG CUGAUGAG GCCGUUAGGC CGAA IUCCCAAG	-
-		1749		17056
1910	UGGGACUC C CGCAGACA		UGUCUGCG CUGAUGAG GCCGUUAGGC CGAA IAGUCCCA	17057
1911	GGGACUCC C GCAGACAC	1750	GUGUCUGC CUGAUGAG GCCGUUAGGC CGAA IGAGUCCC	17058
1914	ACUCCCGC A GACACAGG	1751	CCUGUGUC CUGAUGAG GCCGUUAGGC CGAA ICGGGAGU	17059
1918	CCGCAGAC A CAGGUCAC	1752	GUGACCUG CUGAUGAG GCCGUUAGGC CGAA IUCUGCGG	17060
1920	GCAGACAC A GGUCACGG	1753	CCGUGACC CUGAUGAG GCCGUUAGGC CGAA IUGUCUGC	17061
1925	CACAGGUC A CGGCACUG	1754	CAGUGCCG CUGAUGAG GCCGUUAGGC CGAA IACCUGUG	17062
1930	GUCACGGC A CUGUGGUG	1755	CACCACAG CUGAUGAG GCCGUUAGGC CGAA ICCGUGAC	17063
1932	CACGGCAC U GUGGUGUU	1756	AACACCAC CUGAUGAG GCCGUUAGGC CGAA IUGCCGUG	17064
1949	GGAAUUGC A GUACACUG	1757	CAGUGUAC CUGAUGAG GCCGUUAGGC CGAA ICAAUUCC	17065
1954	UGCAGUAC A CUGGCACG	1758	CGUGCCAG CUGAUGAG GCCGUUAGGC CGAA IUACUGCA	17066
1956	CAGUACAC U GGCACGGA	1759	UCCGUGCC CUGAUGAG GCCGUUAGGC CGAA IUGUACUG	17067
1960	ACACUGGC A CGGAUGGA	1760	UCCAUCCG CUGAUGAG GCCGUUAGGC CGAA ICCAGUGU	17068
1970	GGAUGGAC C UUGCAAAG			
		1761	CUUUGCAA CUGAUGAG GCCGUUAGGC CGAA IUCCAUCC	17069
1971	GAUGGACC U UGCAAAGU	1762	ACUUUGCA CUGAUGAG GCCGUUAGGC CGAA IGUCCAUC	17070
1975	GACCUUGC A AAGUUCCU	1763	AGGAACUU CUGAUGAG GCCGUUAGGC CGAA ICAAGGUC	17071
1982	CAAAGUUC C UAUCUCGU	1764	ACGAGAUA CUGAUGAG GCCGUUAGGC CGAA IAACUUUG	17072
1983	AAAGUUCC U AUCUCGUC	1765	GACGAGAU CUGAUGAG GCCGUUAGGC CGAA IGAACUUU	17073
1987	UUCCUAUC U CGUCAGUG	1766	CACUGACG CUGAUGAG GCCGUUAGGC CGAA IAUAGGAA	17074
1992	AUCUCGUC A GUGGCUUC	1767	GAAGCCAC CUGAUGAG GCCGUUAGGC CGAA IACGAGAU	17075
1998	UCAGUGGC U UCAUUGAA	1768	UUCAAUGA CUGAUGAG GCCGUUAGGC CGAA ICCACUGA	17076
2001	GUGGCUUC A UUGAACGA	1769	UCGUUCAA CUGAUGAG GCCGUUAGGC CGAA IAAGCCAC	17077
2011	UGAACGAC C UAACGCCA	1770	UGGCGUUA CUGAUGAG GCCGUUAGGC CGAA IUCGUUCA	17078
2012	GAACGACC U AACGCCAG	1771	CUGGCGUU CUGAUGAG GCCGUUAGGC CGAA IGUCGUUC	17079
2018	CCUAACGC C AGUGGGCA	1772		-
-010	CCORRCOC C AGUGGGCA	1114	UGCCCACU CUGAUGAG GCCGUUAGGC CGAA ICGUUAGG	17080

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C 0000 T	CUAACGCC A GUGGGCAG	1773	CUGCCCAC CUGAUGAG GCCGUUAGGC CGAA IGCGUUAG	17081
2019				
2026	CAGUGGGC A GAUUGGUC	1774	GACCAAUC CUGAUGAG GCCGUUAGGC CGAA ICCCACUG	17082
2035	GAUUGGUC A CUGUCAAC	1775	GUUGACAG CUGAUGAG GCCGUUAGGC CGAA IACCAAUC	17083
2037	UUGGUCAC U GUCAACCC	1776	GGGUUGAC CUGAUGAG GCCGUUAGGC CGAA IUGACCAA	17084
2041	UCACUGUC A ACCCUUUU	1777	AAAAGGGU CUGAUGAG GCCGUUAGGC CGAA IACAGUGA	17085
2044	CUGUCAAC C CUUUUGUU	1778	AACAAAAG CUGAUGAG GCCGUUAGGC CGAA IUUGACAG	17086
2045	UGUCAACC C UUUUGUUU	1779	AAACAAAA CUGAUGAG GCCGUUAGGC CGAA IGUUGACA	17087
2046	GUCAACCC U UUUGUUUC	1780	GAAACAAA CUGAUGAG GCCGUUAGGC CGAA IGGUUGAC	17088
2055	UUUGUUUC A GUGGCCAC	1781	GUGGCCAC CUGAUGAG GCCGUUAGGC CGAA IAAACAAA	17089
2061	UCAGUGGC C ACGGCCAA	1782	UUGGCCGU CUGAUGAG GCCGUUAGGC CGAA ICCACUGA	17090
2062	CAGUGGCC A CGGCCAAC	1783	GUUGGCCG CUGAUGAG GCCGUUAGGC CGAA IGCCACUG	17091
2067	GCCACGGC C AACGCUAA	1784	UUAGCGUU CUGAUGAG GCCGUUAGGC CGAA ICCGUGGC	17092
2068	CCACGGCC A ACGCUAAG	1785	CUUAGCGU CUGAUGAG GCCGUUAGGC CGAA IGCCGUGG	17093
	GCCAACGC U AAGGUCCU	1786	AGGACCUU CUGAUGAG GCCGUUAGGC CGAA ICGUUGGC	
2073				17094
2080	CUAAGGUC C UGAUUGAA	1787	UUCAAUCA CUGAUGAG GCCGUUAGGC CGAA IACCUUAG	17095
2081	UAAGGUCC U GAUUGAAU	1788	AUUCAAUC CUGAUGAG GCCGUUAGGC CGAA IGACCUUA	17096
2096	AUUGGAAC C ACCCUUUG	1789	CAAAGGGU CUGAUGAG GCCGUUAGGC CGAA IUUCCAAU	17097
2097	UUGGAACC A CCCUUUGG	1790	CCAAAGGG CUGAUGAG GCCGUUAGGC CGAA IGUUCCAA	17098
2099	GGAACCAC C CUUUGGAG	1791	CUCCAAAG CUGAUGAG GCCGUUAGGC CGAA IUGGUUCC	17099
2100	GAACCACC C UUUGGAGA	1792	UCUCCAAA CUGAUGAG GCCGUUAGGC CGAA IGUGGUUC	17100
2101	AACCACCC U UUGGAGAC	1793	GUCUCCAA CUGAUGAG GCCGUUAGGC CGAA IGGUGGUU	17101
2110	UUGGAGAC U CAUACAUA	1794	UAUGUAUG CUGAUGAG GCCGUUAGGC CGAA IUCUCCAA	17102
2112	GGAGACUC A UACAUAGU	1795	ACUAUGUA CUGAUGAG GCCGUUAGGC CGAA IAGUCUCC	17103
2116	ACUCAUAC A UAGUGGUG	1796	CACCACUA CUGAUGAG GCCGUUAGGC CGAA IUAUGAGU	17104
2128	UGGUGGGC A GAGGAGAA	1797	UUCUCCUC CUGAUGAG GCCGUUAGGC CGAA ICCCACCA	17105
2138	AGGAGAAC A ACAGAUCA	1798	UGAUCUGU CUGAUGAG GCCGUUAGGC CGAA IUUCUCCU	17106
2141	AGAACAAC A GAUCAAUC	1799	GAUUGAUC CUGAUGAG GCCGUUAGGC CGAA IUUGUUCU	17107
2146	AACAGAUC A AUCACCAU	1800	AUGGUGAU CUGAUGAG GCCGUUAGGC CGAA IAUCUGUU	17108
2150	GAUCAAUC A CCAUUGGC	1801	GCCAAUGG CUGAUGAG GCCGUUAGGC CGAA IAUUGAUC	17109
2152	UCAAUCAC C AUUGGCAC	1802	GUGCCAAU CUGAUGAG GCCGUUAGGC CGAA IUGAUUGA	17110
2153	CAAUCACC A UUGGCACA	1803	UGUGCCAA CUGAUGAG GCCGUUAGGC CGAA IGUGAUUG	17111
-		1804		17112
2159	CCAUUGGC A CAAGUCUG	1804	CAGACUUG CUGAUGAG GCCGUUAGGC CGAA ICCAAUGG	17112
2159 2161	CCAUUGGC A CAAGUCUG AUUGGCAC A AGUCUGGA	1805	CAGACUUG CUGAUGAG GCCGUUAGGC CGAA ICCAAUGG UCCAGACU CUGAUGAG GCCGUUAGGC CGAA IUGCCAAU	17113
2159 2161 2166	CCAUUGGC A CAAGUCUG AUUGGCAC A AGUCUGGA CACAAGUC U GGAAGCAG	1805 1806	CAGACUUG CUGAUGAG GCCGUUAGGC CGAA ICCAAUGG UCCAGACU CUGAUGAG GCCGUUAGGC CGAA IUGCCAAU CUGCUUCC CUGAUGAG GCCGUUAGGC CGAA IACUUGUG	17113 17114
2159 2161 2166 2173	CCAUUGGC A CAAGUCUG AUUGGCAC A AGUCUGGA CACAAGUC U GGAAGCAG CUGGAAGC A GCAUUGGC	1805 1806 1807	CAGACUUG CUGAUGAG GCCGUUAGGC CGAA ICCAAUGG UCCAGACU CUGAUGAG GCCGUUAGGC CGAA IUGCCAAU CUGCUUCC CUGAUGAG GCCGUUAGGC CGAA IACUUGUG GCCAAUGC CUGAUGAG GCCGUUAGGC CGAA ICUUCCAG	17113 17114 17115
2159 2161 2166 2173 2176	CCAUUGGC A CAAGUCUG AUUGGCAC A AGUCUGGA CACAAGUC U GGAAGCAG CUGGAAGC A GCAUUGGC GAAGCAGC A UUGGCAAA	1805 1806 1807 1808	CAGACUUG CUGAUGAG GCCGUUAGGC CGAA ICCAAUGG UCCAGACU CUGAUGAG GCCGUUAGGC CGAA IUGCCAAU CUGCUUCC CUGAUGAG GCCGUUAGGC CGAA IACUUGUG GCCAAUGC CUGAUGAG GCCGUUAGGC CGAA ICUUCCAG UUUGCCAA CUGAUGAG GCCGUUAGGC CGAA ICUGCUUC	17113 17114 17115 17116
2159 2161 2166 2173 2176 2182	CCAUUGGC A CAAGUCUG AUUGGCAC A AGUCUGGA CACAAGUC U GGAAGCAG CUGGAAGC A GCAUUGGC GAAGCAGC A UUGGCAAA GCAUUGGC A AAGCCUUU	1805 1806 1807 1808 1809	CAGACUUG CUGAUGAG GCCGUUAGGC CGAA ICCAAUGG UCCAGACU CUGAUGAG GCCGUUAGGC CGAA IUGCCAAU CUGCUUCC CUGAUGAG GCCGUUAGGC CGAA IACUUGUG GCCAAUGC CUGAUGAG GCCGUUAGGC CGAA ICUUCCAG UUUGCCAA CUGAUGAG GCCGUUAGGC CGAA ICUGCUUC AAAGGCUU CUGAUGAG GCCGUUAGGC CGAA ICCAAUGC	17113 17114 17115 17116 17117
2159 2161 2166 2173 2176 2182 2187	CCAUUGGC A CAAGUCUG AUUGGCAC A AGUCUGGA CACAAGUC U GGAAGCAG CUGGAAGC A GCAUUGGC GAAGCAGC A UUGGCAAA GCAUUGGC A AAGCCUUU GGCAAAGC C UUUACAAC	1805 1806 1807 1808 1809 1810	CAGACUUG CUGAUGAG GCCGUUAGGC CGAA ICCAAUGG UCCAGACU CUGAUGAG GCCGUUAGGC CGAA IUGCCAAU CUGCUUCC CUGAUGAG GCCGUUAGGC CGAA IACUUGUG GCCAAUGC CUGAUGAG GCCGUUAGGC CGAA ICUUCCAG UUUGCCAA CUGAUGAG GCCGUUAGGC CGAA ICUGCUUC AAAGGCUU CUGAUGAG GCCGUUAGGC CGAA ICCAAUGC GUUGUAAA CUGAUGAG GCCGUUAGGC CGAA ICUUUGCC	17113 17114 17115 17116 17117 17118
2159 2161 2166 2173 2176 2182 2187 2188	CCAUUGGC A CAAGUCUG AUUGGCAC A AGUCUGGA CACAAGUC U GGAAGCAG CUGGAAGC A GCAUUGGC GAAGCAGC A UUGGCAAA GCAUUGGC A AAGCCUUU GGCAAAGC C UUUACAAC GCAAAGCC U UUACAACC	1805 1806 1807 1808 1809 1810	CAGACUUG CUGAUGAG GCCGUUAGGC CGAA ICCAAUGG UCCAGACU CUGAUGAG GCCGUUAGGC CGAA IUGCCAAU CUGCUUCC CUGAUGAG GCCGUUAGGC CGAA IACUUGUG GCCAAUGC CUGAUGAG GCCGUUAGGC CGAA ICUUCCAG UUUGCCAA CUGAUGAG GCCGUUAGGC CGAA ICUGCUUC AAAGGCUU CUGAUGAG GCCGUUAGGC CGAA ICCAAUGC GUUGUAAA CUGAUGAG GCCGUUAGGC CGAA ICUUUGCC GGUUGUAAA CUGAUGAG GCCGUUAGGC CGAA ICUUUGCC	17113 17114 17115 17116 17117 17118 17119
2159 2161 2166 2173 2176 2182 2187 2188 2193	CCAUUGGC A CAAGUCUG AUUGGCAC A AGUCUGGA CACAAGUC U GGAAGCAG CUGGAAGC A GCAUUGGC GAAGCAGC A UUGGCAAA GCAUUGGC A AAGCCUUU GGCAAAGC C UUUACAAC GCAAAGCC U UUACAACC GCCUUUAC A ACCACCCU	1805 1806 1807 1808 1809 1810 1811 1812	CAGACUUG CUGAUGAG GCCGUUAGGC CGAA ICCAAUGG UCCAGACU CUGAUGAG GCCGUUAGGC CGAA IUGCCAAU CUGCUUCC CUGAUGAG GCCGUUAGGC CGAA IACUUGUG GCCAAUGC CUGAUGAG GCCGUUAGGC CGAA ICUUCCAG UUUGCCAA CUGAUGAG GCCGUUAGGC CGAA ICUUCCAG AAAGGCUU CUGAUGAG GCCGUUAGGC CGAA ICCAAUGC GUUGUAAA CUGAUGAG GCCGUUAGGC CGAA ICUUUGCC GGUUGUAA CUGAUGAG GCCGUUAGGC CGAA ICCUUUGC AGGGUGGU CUGAUGAG GCCGUUAGGC CGAA ICCUUUGC	17113 17114 17115 17116 17117 17118
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2159 2161 2166 2173 2176 2182 2187 2188 2193 2196 2197 2199 2200	CCAUUGGC A CAAGUCUG AUUGGCAC A AGUCUGGA CACAAGUC U GGAAGCAG CUGGAAGC A GCAUUGGC GAAGCAGC A UUGGCAAA GCAUUGGC A AAGCCUUU GGCAAAGC C UUUACAAC GCAAAGCC U UUACAACC GCCUUUAC A ACCACCCU UUUACAAC C ACCCUCAA UUACAACC A CCCUCAAA ACAACCAC C CUCAAAGG	1805 1806 1807 1808 1809 1810 1811 1812 1813 1814 1815 1816	CAGACUUG CUGAUGAG GCCGUUAGGC CGAA ICCAAUGG UCCAGACU CUGAUGAG GCCGUUAGGC CGAA IUGCCAAU CUGCUUCC CUGAUGAG GCCGUUAGGC CGAA IACUUGUG GCCAAUGC CUGAUGAG GCCGUUAGGC CGAA ICCUCCAG UUUGCCAA CUGAUGAG GCCGUUAGGC CGAA ICCUCCAG AAAGGCUU CUGAUGAG GCCGUUAGGC CGAA ICCUCCUC AAAGGCUU CUGAUGAG GCCGUUAGGC CGAA ICCUCUCC GUUGUAAA CUGAUGAG GCCGUUAGGC CGAA ICCUUUGCC AGGGUGGU CUGAUGAG GCCGUUAGGC CGAA IGCUUUGC AGGGUGGU CUGAUGAG GCCGUUAGGC CGAA IUAAAGGC UUGAGGGU CUGAUGAG GCCGUUAGGC CGAA IUUGUAAA UUUGAGGG CUGAUGAG GCCGUUAGGC CGAA IGUUGUA CCUUUGAG CUGAUGAG GCCGUUAGGC CGAA IGUUGUAA CCUUUGAG CUGAUGAG GCCGUUAGGC CGAA IGUUGUAA	17113 17114 17115 17116 17117 17118 17119 17120 17121 17122
2159 2161 2166 2173 2176 2182 2187 2188 2193 2196 2197 2199	CCAUUGGC A CAAGUCUG AUUGGCAC A AGUCUGGA CACAAGUC U GGAAGCAG CUGGAAGC A GCAUUGGC GAAGCAGC A UUGGCAAA GCAUUGGC A AAGCCUUU GGCAAAGC C UUUACAAC GCAAAGCC U UUACAACC GCCUUUAC A ACCACCCU UUUACAAC C ACCCUCAA UUACAACC A CCCUCAAA ACAACCAC C CUCAAAGG	1805 1806 1807 1808 1809 1810 1811 1812 1813 1814	CAGACUUG CUGAUGAG GCCGUUAGGC CGAA ICCAAUGG UCCAGACU CUGAUGAG GCCGUUAGGC CGAA IUGCCAAU CUGCUUCC CUGAUGAG GCCGUUAGGC CGAA IACUUGUG GCCAAUGC CUGAUGAG GCCGUUAGGC CGAA ICUUCCAG UUUGCCAA CUGAUGAG GCCGUUAGGC CGAA ICUUCCAG AAAGGCUU CUGAUGAG GCCGUUAGGC CGAA ICCUAUGC GUUGUAAA CUGAUGAG GCCGUUAGGC CGAA ICUUUGCC GGUUGUAA CUGAUGAG GCCGUUAGGC CGAA ICUUUGCC AGGGUGGU CUGAUGAG GCCGUUAGGC CGAA ICUUUGC AGGGUGGU CUGAUGAG GCCGUUAGGC CGAA IUAAAGGC UUGAGGGU CUGAUGAG GCCGUUAGGC CGAA IUUGUAAA UUUGAGGG CUGAUGAG GCCGUUAGGC CGAA IGUUGUAA CCUUUGAG CUGAUGAG GCCGUUAGGC CGAA IUGGUUGU	17113 17114 17115 17116 17117 17118 17119 17120 17121 17122 17123
2159 2161 2166 2173 2176 2182 2187 2188 2193 2196 2197 2199 2200	CCAUUGGC A CAAGUCUG AUUGGCAC A AGUCUGGA CACAAGUC U GGAAGCAG CUGGAAGC A GCAUUGGC GAAGCAGC A UUGGCAAA GCAUUGGC A AAGCCUUU GGCAAAGC C UUUACAAC GCAAAGCC U UUACAACC GCCUUUAC A ACCACCCU UUUACAAC C ACCCUCAA UUACAACC A CCCUCAAA ACAACCAC C CUCAAAGG	1805 1806 1807 1808 1809 1810 1811 1812 1813 1814 1815 1816	CAGACUUG CUGAUGAG GCCGUUAGGC CGAA ICCAAUGG UCCAGACU CUGAUGAG GCCGUUAGGC CGAA IUGCCAAU CUGCUUCC CUGAUGAG GCCGUUAGGC CGAA IACUUGUG GCCAAUGC CUGAUGAG GCCGUUAGGC CGAA ICCUCCAG UUUGCCAA CUGAUGAG GCCGUUAGGC CGAA ICCUCCAG AAAGGCUU CUGAUGAG GCCGUUAGGC CGAA ICCUCCUC AAAGGCUU CUGAUGAG GCCGUUAGGC CGAA ICCUCUCC GUUGUAAA CUGAUGAG GCCGUUAGGC CGAA ICCUUUGCC AGGGUGGU CUGAUGAG GCCGUUAGGC CGAA IGCUUUGC AGGGUGGU CUGAUGAG GCCGUUAGGC CGAA IUAAAGGC UUGAGGGU CUGAUGAG GCCGUUAGGC CGAA IUUGUAAA UUUGAGGG CUGAUGAG GCCGUUAGGC CGAA IGUUGUA CCUUUGAG CUGAUGAG GCCGUUAGGC CGAA IGUUGUAA CCUUUGAG CUGAUGAG GCCGUUAGGC CGAA IGUUGUAA	17113 17114 17115 17116 17117 17118 17119 17120 17121 17122 17123 17124
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2159 2161 2166 2173 2176 2182 2187 2188 2193 2196 2197 2199 2200 2201 2203 2213	CCAUUGGC A CAAGUCUG AUUGGCAC A AGUCUGGA CACAAGUC U GGAAGCAG CUGGAAGC A GCAUUGGC GAAGCAGC A UUGGCAAA GCAUUGGC A AAGCCUUU GGCAAAGC C UUUACAACC GCAAAGCC U UUACAACC GCCUUUAC A ACCACCUU UUUACAAC C ACCCUCAAA UUACAACC A CCCUCAAA ACAACCAC C CUCAAAGGA CAACCACC U CAAAGGA AACCACCC U CAAAGGA CCACCCUC A AAGGAGCG AGGAGCGC A GAGACUAG	1805 1806 1807 1808 1809 1810 1811 1812 1813 1814 1815 1816 1817 1818	CAGACUUG CUGAUGAG GCCGUUAGGC CGAA ICCAAUGG UCCAGACU CUGAUGAG GCCGUUAGGC CGAA IUGCCAAU CUGCUUCC CUGAUGAG GCCGUUAGGC CGAA IACUUGUG GCCAAUGC CUGAUGAG GCCGUUAGGC CGAA ICUUCCAG UUUGCCAA CUGAUGAG GCCGUUAGGC CGAA ICUUCCAG AAAGGCUU CUGAUGAG GCCGUUAGGC CGAA ICUUCCC AAAGGCUU CUGAUGAG GCCGUUAGGC CGAA ICUUUGCC GUUGUAAA CUGAUGAG GCCGUUAGGC CGAA ICUUUGCC AGGGUGGU CUGAUGAG GCCGUUAGGC CGAA IGCUUUGC AGGGUGGU CUGAUGAG GCCGUUAGGC CGAA IUAAAGGC UUGAGGGU CUGAUGAG GCCGUUAGGC CGAA IUUGUAAA UUUGAGGG CUGAUGAG GCCGUUAGGC CGAA IGUUGUA CCUUUGAG CUGAUGAG GCCGUUAGGC CGAA IGUUGUAA CCCUUUGA CUGAUGAG GCCGUUAGGC CGAA IGUGGUUG UCCUUUG CUGAUGAG GCCGUUAGGC CGAA IGUGGUUG CUCCUUUG CUGAUGAG GCCGUUAGGC CGAA IGGGGUGG CUGAUGAG GCCGUUAGGC CGAA IGGGGUGG CUAGUCCC CUGAUGAG GCCGUUAGGC CGAA IGGGGGU	17113 17114 17115 17116 17117 17118 17119 17120 17121 17122 17123 17124 17125 17126 17127
2159 2161 2166 2173 2176 2182 2187 2188 2193 2196 2197 2199 2200 2201 2203 2213 2219	CCAUUGGC A CAAGUCUG AUUGGCAC A AGUCUGGA CACAAGUC U GGAAGCAG CUGGAAGC A GCAUUGGC GAAGCAGC A UUGGCAAA GCAUUGGC A AAGCCUUU GGCAAAGC C UUUACAACC GCAAAGCC U UUACAACC GCCUUUAC A ACCACCU UUUACAAC C ACCCUCAA UUACAACC A CCCUCAAA ACAACCAC C CUCAAAGGA CAACCACC C UCAAAGGA AACCACCC U CAAAGGA CCACCCUC A AAGGAGCG AGGAGGCC A GAGACUAG GCAGAGAC U AGCCGCUC	1805 1806 1807 1808 1809 1810 1811 1812 1813 1814 1815 1816 1817 1818 1819 1820	CAGACUUG CUGAUGAG GCCGUUAGGC CGAA ICCAAUGG UCCAGACU CUGAUGAG GCCGUUAGGC CGAA IUGCCAAU CUGCUUCC CUGAUGAG GCCGUUAGGC CGAA IACUUGUG GCCAAUGC CUGAUGAG GCCGUUAGGC CGAA ICUUCCAG UUUGCCAA CUGAUGAG GCCGUUAGGC CGAA ICUUCCAG AAAGGCUU CUGAUGAG GCCGUUAGGC CGAA ICUUCCC AAAGGCUU CUGAUGAG GCCGUUAGGC CGAA ICUUUGCC GUUGUAAA CUGAUGAG GCCGUUAGGC CGAA ICUUUGCC AGGGUGGU CUGAUGAG GCCGUUAGGC CGAA IGCUUUGC AGGGUGGU CUGAUGAG GCCGUUAGGC CGAA IUAAAGGC UUGAGGGU CUGAUGAG GCCGUUAGGC CGAA IUAAAGGC UUGAGGG CUGAUGAG GCCGUUAGGC CGAA IGUUGUAAA UUUGAGGG CUGAUGAG GCCGUUAGGC CGAA IGUUGUAA CCUUUGAG CUGAUGAG GCCGUUAGGC CGAA IGUGGUUG UCCUUUGA CUGAUGAG GCCGUUAGGC CGAA IGUGGUUG CUCCUUUG CUGAUGAG GCCGUUAGGC CGAA IGGGGUGU CGCUCCUU CUGAUGAG GCCGUUAGGC CGAA IGGGGGU CUGAUGAG GCCGUUAGGC CGAA IGGGGGU CUGAUGAG GCCGUUAGGC CGAA IAGGGUGG CUAGUCCC CUGAUGAG GCCGUUAGGC CGAA IAGGGUGG CUAGUCCC CUGAUGAG GCCGUUAGGC CGAA ICGCUCCU GAGCGGCU CUGAUGAG GCCGUUAGGC CGAA ICGCUCCU	17113 17114 17115 17116 17117 17118 17119 17120 17121 17122 17123 17124 17125 17126 17127
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2159 2161 2166 2173 2176 2182 2187 2188 2193 2196 2197 2199 2200 2201 2203 2213 2219 2223 2226 2228 2236 2238 2241 2248 2256 2272 2274	CCAUUGGC A CAAGUCUG AUUGGCAC A AGUCUGGA CACAAGUC U GGAAGCAG CUGGAAGC A GCAUUGGC GAAGCAGC A UUGGCAAA GCAUUGGC A AAGCCUUU GGCAAAGCC C UUUACAAC GCAAAGCC U UUACAACC GCCUUUAC A ACCACCCU UUUACAAC C ACCCUCAA ACAACCAC C CUCAAAGG CAACCAC C CUCAAAGGA AACCACC C UCAAAGGA CAACCAC C UCAAAGGA CAACCAC C UCAAAGGA GCAGCCCU A AAGGAGCG CAACCACC C UCAAAGGA ACCACCC U CAAAGGA ACCACCC U CAAAGGA CCACCCUC A AAGGACUAG GCAGAGAC A GAGACUAG GCAGAGAC U AGCCGCUC AGACUAGC C GCUCUAGG CUAGCCGC U CUAGGAGA AGCCGCUC U AGGAGACA UAGGAGAC A CAGCUUGG GGAGACAC A CCUUGGGA GACACAGC U UGGGACUU CUUGGGAC U UGGGACUU CUUGGACC A CUUGGAGG GGGUGUUC A CCUCAGUU GUGUUCACC U CAGUUGG	1805 1806 1807 1808 1809 1810 1811 1812 1813 1814 1815 1816 1817 1818 1820 1821 1822 1823 1824 1825 1826 1827 1828 1829 1830 1831	CAGACUUG CUGAUGAG GCCGUUAGGC CGAA ICCAAUGG UCCAGACU CUGAUGAG GCCGUUAGGC CGAA IUGCCAAU CUGCUUCC CUGAUGAG GCCGUUAGGC CGAA ICUUCCAG GCCAAUGC CUGAUGAG GCCGUUAGGC CGAA ICUUCCAG UUUGCCAA CUGAUGAG GCCGUUAGGC CGAA ICUUCCAG AAAGGCUU CUGAUGAG GCCGUUAGGC CGAA ICUUUGCC AAAGGCUU CUGAUGAG GCCGUUAGGC CGAA ICUUUGCC GUUGUAAA CUGAUGAG GCCGUUAGGC CGAA ICUUUGCC AGGGUGGU CUGAUGAG GCCGUUAGGC CGAA ICUUUGCC AGGGUGGU CUGAUGAG GCCGUUAGGC CGAA IGCUUUGC UUGAGGGU CUGAUGAG GCCGUUAGGC CGAA IUUAAAA UUUGAGGG CUGAUGAG GCCGUUAGGC CGAA IUUGUAAA UUUGAGGG CUGAUGAG GCCGUUAGGC CGAA IUUGUAAA CCUUUGAG CUGAUGAG GCCGUUAGGC CGAA IUUGUAAA CCUUUGAG CUGAUGAG GCCGUUAGGC CGAA IGGUUGU UCCUUUGA CUGAUGAG GCCGUUAGGC CGAA IGGUGGUU CCCUUUGA CUGAUGAG GCCGUUAGGC CGAA IGGUGGUU CGCUCCUU CUGAUGAG GCCGUUAGGC CGAA IGGUGGUU CGCUCCUU CUGAUGAG GCCGUUAGGC CGAA IAGGGUGG CUAGUCCC CUGAUGAG GCCGUUAGGC CGAA IAGGGUGG CUAGUCCC CUGAUGAG GCCGUUAGGC CGAA ICUCCCU GAGCGGCU CUGAUGAG GCCGUUAGGC CGAA ICCCCCU CCUAGAGC CUGAUGAG GCCGUUAGGC CGAA ICCCCCU CCCAAGCC CUGAUGAG GCCGUUAGGC CGAA ICCGCUAG UGUCUCCU CUGAUGAG GCCGUUAGGC CGAA ICCGCUAG UGUCUCCU CUGAUGAG GCCGUUAGGC CGAA ICCGCUAG UGUCUCCU CUGAUGAG GCCGUUAGGC CGAA ICCCCUAA UCCCAAGC CUGAUGAG GCCGUUAGGC CGAA ICCCCUAA UCCCAAGC CUGAUGAG GCCGUUAGGC CGAA ICCCCAAC UGAUCAA CUGAUGAG GCCGUUAGGC CGAA ICCCCAAC AAGUCCA CUGAUGAG GCCGUUAGGC CGAA ICCCCAAC CCCAACUG CUGAUGAG GCCGUUAGGC CGAA ICCCCAAC CCCAACUG CUGAUGAG GCCGUUAGGC CGAA IUCCCAAC CCCAACUG CUGAUGAG GCCGUUAGGC CGAA IACCCAAC CCCAACUG CUGAUGAG GCCGUUAGGC CGAA IACCACAC CCCAACUG CUGAUGAG GCCGUUAGGC CGAA IACCACAC CCCAACUG CUGAUGAG GCCGUUAGGC CGAA IAACACCC CCCAACUG CUGAUGAG GCCGUUAGGC CGAA IAACACCC	17113 17114 17115 17116 17117 17118 17119 17120 17121 17122 17123 17124 17125 17126 17127 17128 17129 17130 17131 17132 17133 17134 17135 17136 17137

Table IV

2294	GGCUGUCC A UCAAGUGU	1835	ACACUUGA CUGAUGAG GCCGUUAGGC CGAA IGACAGCC	17143
2297	UGUCCAUC A AGUGUUCG	1836	CGAACACU CUGAUGAG GCCGUUAGGC CGAA IAUGGACA	17144
2313	GGAGGAGC A UUCCGCUC	1837	GAGCGGAA CUGAUGAG GCCGUUAGGC CGAA ICUCCUCC	17145
 	GAGCAUUC C GCUCACUG	1838	CAGUGAGC CUGAUGAG GCCGUUAGGC CGAA IAAUGCUC	17146
2317		1839	GAACAGUG CUGAUGAG GCCGUUAGGC CGAA IAAGGCCC	17147
2320	CAUUCCGC U CACUGUUC		CCGAACAG CUGAUGAG GCCGUUAGGC CGAA IAGCGGAA	
2322	UUCCGCUC A CUGUUCGG	1840		17148
2324	CCGCUCAC U GUUCGGAG	1841	CUCCGAAC CUGAUGAG GCCGUUAGGC CGAA IUGAGCGG	17149
2335	UCGGAGGC A UGUCCUGG	1842	CCAGGACA CUGAUGAG GCCGUUAGGC CGAA ICCUCCGA	17150
2340	GGCAUGUC C UGGAUAAC	1843	GUUAUCCA CUGAUGAG GCCGUUAGGC CGAA IACAUGCC	17151
2341	GCAUGUCC U GGAUAACG	1844	CGUUAUCC CUGAUGAG GCCGUUAGGC CGAA IGACAUGC	17152
2351	GAUAACGC A AGGAUUGC	1845	GCAAUCCU CUGAUGAG GCCGUUAGGC CGAA ICGUUAUC	17153
2360	AGGAUUGC U GGGGGCUC	1846	GAGCCCCC CUGAUGAG GCCGUUAGGC CGAA ICAAUCCU	17154
2367	CUGGGGGC U CUCCUGUU	1847	AACAGGAG CUGAUGAG GCCGUUAGGC CGAA ICCCCCAG	17155
2369	GGGGCUC U CCUGUUGU	1848	ACAACAGG CUGAUGAG GCCGUUAGGC CGAA IAGCCCCC	17156
2371	GGGCUCUC C UGUUGUGG	1849	CCACAACA CUGAUGAG GCCGUUAGGC CGAA IAGAGCCC	17157
2372	GGCUCUCC U GUUGUGGA	1850	UCCACAAC CUGAUGAG GCCGUUAGGC CGAA IGAGAGCC	17158
2386	GGAUGGGC A UCAAUGCU	1851	AGCAUUGA CUGAUGAG GCCGUUAGGC CGAA ICCCAUCC	17159
2389	UGGGCAUC A AUGCUCGU	1852	ACGAGCAU CUGAUGAG GCCGUUAGGC CGAA IAUGCCCA	17160
2394	AUCAAUGC U CGUGAUAG	1853	CUAUCACG CUGAUGAG GCCGUUAGGC CGAA ICAUUGAU	17161
2406	GAUAGGUC C AUAGCUCU	1854	AGAGCUAU CUGAUGAG GCCGUUAGGC CGAA IACCUAUC	17162
2407	AUAGGUCC A UAGCUCUC	1855	GAGAGCUA CUGAUGAG GCCGUUAGGC CGAA IGACCUAU	17163
2412	UCCAUAGC U CUCACGUU	1856	AACGUGAG CUGAUGAG GCCGUUAGGC CGAA ICUAUGGA	17164
2414	CAUAGCUC U CACGUUUC	1857	GAAACGUG CUGAUGAG GCCGUUAGGC CGAA IAGCUAUG	17165
2416	UAGCUCUC A CGUUUCUC	1858	GAGAAACG CUGAUGAG GCCGUUAGGC CGAA IAGAGCUA	17166
2423	CACGUUUC U CGCAGUUG	1859	CAACUGCG CUGAUGAG GCCGUUAGGC CGAA IAAACGUG	17167
2427	UUUCUCGC A GUUGGAGG	1860	CCUCCAAC CUGAUGAG GCCGUUAGGC CGAA ICGAGAAA	17168
2441	AGGAGUUC U GCUCUUCC	1861	GGAAGAGC CUGAUGAG GCCGUUAGGC CGAA IAACUCCU	17169
2444	AGUUCUGC U CUUCCUCU	1862	AGAGGAAG CUGAUGAG GCCGUUAGGC CGAA ICAGAACU	17170
2446	UUCUGCUC U UCCUCUCC	1863	GGAGAGGA CUGAUGAG GCCGUUAGGC CGAA IAGCAGAA	17171
2449	UGCUCUUC C UCUCCGUG	1864	CACGGAGA CUGAUGAG GCCGUUAGGC CGAA IAAGAGCA	17172
2450	GCUCUUCC U CUCCGUGA	1865	UCACGGAG CUGAUGAG GCCGUUAGGC CGAA IGAAGAGC	17173
2452	UCUUCCUC U CCGUGAAC	1866	GUUCACGG CUGAUGAG GCCGUUAGGC CGAA IAGGAAGA	17174
2454	UUCCUCUC C GUGAACGU	1867	ACGUUCAC CUGAUGAG GCCGUUAGGC CGAA IAGAGGAA	17175
2465	GAACGUGC A CGCUGACA	1868	UGUCAGCG CUGAUGAG GCCGUUAGGC CGAA ICACGUUC	17176
2469	GUGCACGC U GACACUGG	1869	CCAGUGUC CUGAUGAG GCCGUUAGGC CGAA ICGUGCAC	17177
2473	ACGCUGAC A CUGGGUGU	1870	ACACCCAG CUGAUGAG GCCGUUAGGC CGAA IUCAGCGU	17178
2475	GCUGACAC U GGGUGUGC	1871	GCACACCC CUGAUGAG GCCGUUAGGC CGAA IUGUCAGC	17179
2484	GGGUGUGC C AUAGACAU	1872	AUGUCUAU CUGAUGAG GCCGUUAGGC CGAA ICACACCC	17180
2485	GGUGUGCC A UAGACAUC	1873	GAUGUCUA CUGAUGAG GCCGUUAGGC CGAA IGCACACC	17181
2491	CCAUAGAC A UCAGCCGG	1874	CCGGCUGA CUGAUGAG GCCGUUAGGC CGAA IUCUAUGG	17182
2494	UAGACAUC A GCCGGCAA	1875	UUGCCGGC CUGAUGAG GCCGUUAGGC CGAA IAUGUCUA	17183
2497	ACAUCAGC C GGCAAGAG	1876	CUCUUGCC CUGAUGAG GCCGUUAGGC CGAA ICUGAUGU	17184
2501	CAGCCGGC A AGAGCUGA	1877	UCAGCUCU CUGAUGAG GCCGUUAGGC CGAA ICCGGCUG	17185
2507	GCAAGAGC U GAGAUGUG	1878	CACAUCUC CUGAUGAG GCCGUUAGGC CGAA ICUCUUGC	17186
2530	GAGUGUUC A UACACAAU	1879	AUUGUGUA CUGAUGAG GCCGUUAGGC CGAA IAACACUC	17187
2534	GUUCAUAC A CAAUGAUG	1880	CAUCAUUG CUGAUGAG GCCGUUAGGC CGAA IUAUGAAC	17188
2536	UCAUACAC A AUGAUGUG	1881	CACAUCAU CUGAUGAG GCCGUUAGGC CGAA IUGUAUGA	17189
2550	GUGGAGGC U UGGAUGGA	1882	UCCAUCCA CUGAUGAG GCCGUUAGGC CGAA ICCUCCAC	17190
2560	GGAUGGAC C GGUACAAG	1883	CUUGUACC CUGAUGAG GCCGUUAGGC CGAA IUCCAUCC	17191
2566	ACCGGUAC A AGUAUUAC	1884	GUAAUACU CUGAUGAG GCCGUUAGGC CGAA IUACCGGU	17192
2575	AGUAUUAC C CUGAAACG	1885	CGUUUCAG CUGAUGAG GCCGUUAGGC CGAA IUAAUACU	17193
2576	GUAUUACC C UGAAACGC	1886	GCGUUUCA CUGAUGAG GCCGUUAGGC CGAA IGUAAUAC	17194
2577	UAUUACCC U GAAACGCC	1887	GGCGUUUC CUGAUGAG GCCGUUAGGC CGAA IGGUAAUA	17195
2585	UGAAACGC C ACAAGGCC	1888	GGCCUUGU CUGAUGAG GCCGUUAGGC CGAA ICGUUUCA	17196
2586	GAAACGCC A CAAGGCCU	1889	AGGCCUUG CUGAUGAG GCCGUUAGGC CGAA IGCGUUUC	17197
2588	AACGCCAC A AGGCCUAG	1890	CUAGGCCU CUGAUGAG GCCGUUAGGC CGAA IUGGCGUU	17198
2593	CACAAGGC C UAGCCAAG	1891	CUUGGCUA CUGAUGAG GCCGUUAGGC CGAA ICCUUGUG	17199
2594	ACAAGGCC U AGCCAAGA	1892	UCUUGGCU CUGAUGAG GCCGUUAGGC CGAA IGCCUUGU	17200
2598	GGCCUAGC C AAGAUCAU	1893	AUGAUCUU CUGAUGAG GCCGUUAGGC CGAA ICUAGGCC	17201
2599	GCCUAGCC A AGAUCAUU	1894	AAUGAUCU CUGAUGAG GCCGUUAGGC CGAA IGCUAGGC	17202
2605	CCAAGAUC A UUCAGAAA	1895	UUUCUGAA CUGAUGAG GCCGUUAGGC CGAA IAUCUUGG	17203
2609	GAUCAUUC A GAAAGCUC	1896	GAGCUUUC CUGAUGAG GCCGUUAGGC CGAA IAAUGAUC	17204

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2616	CAGAAAGC U CAUAAGGA	1897	UCCUUAUG CUGAUGAG GCCGUUAGGC CGAA ICUUUCUG	17205
2618	GAAAGCUC A UAAGGAAG	1898	CUUCCUUA CUGAUGAG GCCGUUAGGC CGAA IAGCUUUC	17206
2639	GUGCGGUC U ACGAUCAG	1899	CUGAUCGU CUGAUGAG GCCGUUAGGC CGAA IACCGCAC	17207
2646	CUACGAUC A GUUUCCAG	1900	CUGGAAAC CUGAUGAG GCCGUUAGGC CGAA IAUCGUAG	17208
2652	UCAGUUUC C AGACUGGA	1901	UCCAGUCU CUGAUGAG GCCGUUAGGC CGAA IAAACUGA	17209
2653	CAGUUUCC A GACUGGAG	1902	CUCCAGUC CUGAUGAG GCCGUUAGGC CGAA IGAAACUG	17210
2657	UUCCAGAC U GGAGCAUC	1903	GAUGCUCC CUGAUGAG GCCGUUAGGC CGAA IUCUGGAA	17211
2663	ACUGGAGC A UCAAAUGU	1904	ACAUUUGA CUGAUGAG GCCGUUAGGC CGAA ICUCCAGU	17212
	GGAGCAUC A AAUGUGGG	1905	CCCACAUU CUGAUGAG GCCGUUAGGC CGAA IAUGCUCC	17213
2666			UCCUUCAC CUGAUGAG GCCGUUAGGC CGAA ICUUCCCA	
2679	UGGGAAGC A GUGAAGGA	1906		17214
2693	GGACGAGC U GAACACUC	1907	GAGUGUUC CUGAUGAG GCCGUUAGGC CGAA ICUCGUCC	17215
2698	AGCUGAAC A CUCUUUUG	1908	CAAAAGAG CUGAUGAG GCCGUUAGGC CGAA IUUCAGCU	17216
2700	CUGAACAC U CUUUUGAA	1909	UUCAAAAG CUGAUGAG GCCGUUAGGC CGAA IUGUUCAG	17217
2702	GAACACUC U UUUGAAGG	1910	CCUUCAAA CUGAUGAG GCCGUUAGGC CGAA IAGUGUUC	17218
2725	GUGUGGAC C UUAGUGUC	1911	GACACUAA CUGAUGAG GCCGUUAGGC CGAA IUCCACAC	17219
2726	UGUGGACC U UAGUGUCG	1912	CGACACUA CUGAUGAG GCCGUUAGGC CGAA IGUCCACA	17220
2747	UGAGAAAC A GGAGGGAA	1913	UUCCCUCC CUGAUGAG GCCGUUAGGC CGAA IUUUCUCA	17221
2761	GAAUGUAC A AGUCAGCA	1914	UGCUGACU CUGAUGAG GCCGUUAGGC CGAA IUACAUUC	17222
2766	UACAAGUC A GCACCUAA	1915	UUAGGUGC CUGAUGAG GCCGUUAGGC CGAA IACUUGUA	17223
2769	AAGUCAGC A CCUAAACG	1916	CGUUUAGG CUGAUGAG GCCGUUAGGC CGAA ICUGACUU	17224
2771	GUCAGCAC C UAAACGCC	1917	GGCGUUUA CUGAUGAG GCCGUUAGGC CGAA IUGCUGAC	17225
2772	UCAGCAC U AAACGCCU	1917	AGGCGUUU CUGAUGAG GCCGUUAGGC CGAA IGUGCUGA	17226
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2779	CUAAACGC C UCACCGCC	1919	GGCGGUGA CUGAUGAG GCCGUUAGGC CGAA ICGUUUAG	17227
2780	UAAACGCC U CACCGCCA	1920	UGGCGGUG CUGAUGAG GCCGUUAGGC CGAA IGCGUUUA	17228
2782	AACGCCUC A CCGCCACC	1921	GGUGGCGG CUGAUGAG GCCGUUAGGC CGAA IAGGCGUU	17229
2784	CGCCUCAC C GCCACCAC	1922	GUGGUGGC CUGAUGAG GCCGUUAGGC CGAA IUGAGGCG	17230
2787	CUCACCGC C ACCACGGA	1923	UCCGUGGU CUGAUGAG GCCGUUAGGC CGAA ICGGUGAG	17231
2788	UCACCGCC A CCACGGAA	1924	UUCCGUGG CUGAUGAG GCCGUUAGGC CGAA IGCGGUGA	17232
2790	ACCGCCAC C ACGGAAAA	1925	UUUUCCGU CUGAUGAG GCCGUUAGGC CGAA IUGGCGGU	17233
2791	CCGCCACC A CGGAAAAA	1926	UUUUUCCG CUGAUGAG GCCGUUAGGC CGAA IGUGGCGG	17234
2812	AAAUUGGC U GGAAGGCC	1927	GGCCUUCC CUGAUGAG GCCGUUAGGC CGAA ICCAAUUU	17235
2820	UGGAAGGC C UGGGGAAA	1928	UUUCCCCA CUGAUGAG GCCGUUAGGC CGAA ICCUUCCA	17236
2821	GGAAGGCC U GGGGAAAG	1929	CUUUCCCC CUGAUGAG GCCGUUAGGC CGAA IGCCUUCC	17237
2844	UUAUUUGC A CCAGAACU	1930	AGUUCUGG CUGAUGAG GCCGUUAGGC CGAA ICAAAUAA	17238
			CGAGUUCU CUGAUGAG GCCGUUAGGC CGAA IUGCAAAU	17239
2846	AUUUGCAC C AGAACUCG	1931		
2847	UUUGCACC A GAACUCGC	1932		17240
2852	ACCAGAAC U CGCCAACA	1933	UGUUGGCG CUGAUGAG GCCGUUAGGC CGAA IUUCUGGU	17241
2856	GAACUCGC C AACAACAC	1934	GUGUUGUU CUGAUGAG GCCGUUAGGC CGAA ICGAGUUC	17242
2857	AACUCGCC A ACAACACC	1935	GGUGUUGU CUGAUGAG GCCGUUAGGC CGAA IGCGAGUU	17243
2860	UCGCCAAC A ACACCUUU	1936	AAAGGUGU CUGAUGAG GCCGUUAGGC CGAA IUUGGCGA	17244
2863	CCAACAAC A CCUUUGUG	1937	CACAAAGG CUGAUGAG GCCGUUAGGC CGAA IUUGUUGG	17245
2865	AACAACAC C UUUGUGGU	1938	ACCACAAA CUGAUGAG GCCGUUAGGC CGAA IUGUUGUU	17246
2866	ACAACACC U UUGUGGUU	1939	AACCACAA CUGAUGAG GCCGUUAGGC CGAA IGUGUUGU	17247
2882	UGAUGGUC C GGAGACCA	1940	UGGUCUCC CUGAUGAG GCCGUUAGGC CGAA IACCAUCA	17248
2889	CCGGAGAC C AAGGAAUG	1941	CAUUCCUU CUGAUGAG GCCGUUAGGC CGAA IUCUCCGG	17249
2890	CGGAGACC A AGGAAUGU	1942	ACAUUCCU CUGAUGAG GCCGUUAGGC CGAA IGUCUCCG	17250
2900	GGAAUGUC C GACUCAGA	1943	UCUGAGUC CUGAUGAG GCCGUUAGGC CGAA IACAUUCC	17251
2904	UGUCCGAC U CAGAAUCG	1944	CGAUUCUG CUGAUGAG GCCGUUAGGC CGAA IUCGGACA	17252
	UCCGACUC A GAAUCGCG	+	<u> </u>	17253
2906		1945	CGCGAUUC CUGAUGAG GCCGUUAGGC CGAA IAGUCGGA	
2916	AAUCGCGC U UGGAAUAG	1946	CUAUUCCA CUGAUGAG GCCGUUAGGC CGAA ICGCGAUU	17254
2926	GGAAUAGC U UAGAAGUG	1947	CACUUCUA CUGAUGAG GCCGUUAGGC CGAA ICUAUUCC	17255
2954	AUUUGGUC U CACCAGCA	1948	UGCUGGUG CUGAUGAG GCCGUUAGGC CGAA IACCAAAU	17256
2956	UUGGUCUC A CCAGCACU	1949	AGUGCUGG CUGAUGAG GCCGUUAGGC CGAA IAGACCAA	17257
2958	GGUCUCAC C AGCACUCG	1950	CGAGUGCU CUGAUGAG GCCGUUAGGC CGAA IUGAGACC	17258
2959	GUCUCACC A GCACUCGG	1951	CCGAGUGC CUGAUGAG GCCGUUAGGC CGAA IGUGAGAC	17259
2962	UCACCAGC A CUCGGAUG	1952	CAUCCGAG CUGAUGAG GCCGUUAGGC CGAA ICUGGUGA	17260
2964	ACCAGCAC U CGGAUGUU	1953	AACAUCCG CUGAUGAG GCCGUUAGGC CGAA IUGCUGGU	17261
2974	GGAUGUUC C UGAAGGUC	1954	GACCUUCA CUGAUGAG GCCGUUAGGC CGAA IAACAUCC	17262
2975	GAUGUUCC U GAAGGUCA	1955	UGACCUUC CUGAUGAG GCCGUUAGGC CGAA IGAACAUC	17263
2983	UGAAGGUC A GAGAGAGC	1956	GCUCUCUC CUGAUGAG GCCGUUAGGC CGAA IACCUUCA	17264
2992	GAGAGAGC A ACACAACU	1957	AGUUGUGU CUGAUGAG GCCGUUAGGC CGAA ICUCUCUC	
		+		17265
2995	AGAGCAAC A CAACUGAA	1958	UUCAGUUG CUGAUGAG GCCGUUAGGC CGAA IUUGCUCU	17266

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2997	AGCAACAC A ACUGAAUG	1959	CAUUCAGU CUGAUGAG GCCGUUAGGC CGAA IUGUUGCU	17267
3000	AACACAAC U GAAUGUGA	1960	UCACAUUC CUGAUGAG GCCGUUAGGC CGAA IUUGUGUU	17268
3010	AAUGUGAC U CGAAGAUC	1961	GAUCUUCG CUGAUGAG GCCGUUAGGC CGAA IUCACAUU	17269
3019	CGAAGAUC A UUGGAACG	1962	CGUUCCAA CUGAUGAG GCCGUUAGGC CGAA IAUCUUCG	17270
3030	GGAACGGC U GUCAAGAA	1963	UUCUUGAC CUGAUGAG GCCGUUAGGC CGAA ICCGUUCC	17271
3034	CGGCUGUC A AGAACAAC	1964	GUUGUUCU CUGAUGAG GCCGUUAGGC CGAA IACAGCCG	17272
3040	UCAAGAAC A ACUUGGCG	1965	CGCCAAGU CUGAUGAG GCCGUUAGGC CGAA IUUCUUGA	17273
3043	AGAACAAC U UGGCGAUC	1966	GAUCGCCA CUGAUGAG GCCGUUAGGC CGAA IUUGUUCU	17274
3052	UGGCGAUC C ACAGUGAC	1967	GUCACUGU CUGAUGAG GCCGUUAGGC CGAA IAUCGCCA	17275
3053	GGCGAUCC A CAGUGACC	1968	GGUCACUG CUGAUGAG GCCGUUAGGC CGAA IGAUCGCC	17276
3055	CGAUCCAC A GUGACCUG	1969	CAGGUCAC CUGAUGAG GCCGUUAGGC CGAA IUGGAUCG	17277
3061	ACAGUGAC C UGUCCUAU	1970	AUAGGACA CUGAUGAG GCCGUUAGGC CGAA IUCACUGU	17278
3062	CAGUGACC U GUCCUAUU	1971	AAUAGGAC CUGAUGAG GCCGUUAGGC CGAA IGUCACUG	17279
3066	GACCUGUC C UAUUGGAU	1972	AUCCAAUA CUGAUGAG GCCGUUAGGC CGAA IACAGGUC	17280
3067	ACCUGUCC U AUUGGAUU	1973	<u> </u>	
3082	UUGAAAGC A GGCUCAAU	1974		17281
3082		1975		17282
	AAGCAGGC U CAAUGAUA		UAUCAUUG CUGAUGAG GCCGUUAGGC CGAA ICCUGCUU	17283
3088	GCAGGCUC A AUGAUACG	1976	CGUAUCAU CUGAUGAG GCCGUUAGGC CGAA IAGCCUGC	17284
3104	GUGGAAGC U UGAAAGGG	1977	CCCUUUCA CUGAUGAG GCCGUUAGGC CGAA ICUUCCAC	17285
3114	GAAAGGGC A GUUCUGGG	1978	CCCAGAAC CUGAUGAG GCCGUUAGGC CGAA ICCCUUUC	17286
3119	GGCAGUUC U GGGUGAAG	1979	CUUCACCC CUGAUGAG GCCGUUAGGC CGAA 1AACUGCC	17287
3130	GUGAAGUC A AAUCAUGU	1980	ACAUGAUU CUGAUGAG GCCGUUAGGC CGAA IACUUCAC	17288
3135	GUCAAAUC A UGUACGUG	1981	CACGUACA CUGAUGAG GCCGUUAGGC CGAA IAUUUGAC	17289
3146	UACGUGGC C UGAGACGC	1982	GCGUCUCA CUGAUGAG GCCGUUAGGC CGAA ICCACGUA	17290
3147	ACGUGGCC U GAGACGCA	1983	UGCGUCUC CUGAUGAG GCCGUUAGGC CGAA IGCCACGU	17291
3155	UGAGACGC A UACCUUGU	1984	ACAAGGUA CUGAUGAG GCCGUUAGGC CGAA ICGUCUCA	17292
3159	ACGCAUAC C UUGUGGGG	1985	CCCCACAA CUGAUGAG GCCGUUAGGC CGAA IUAUGCGU	17293
3160	CGCAUACC U UGUGGGC	1986	GCCCCACA CUGAUGAG GCCGUUAGGC CGAA IGUAUGCG	17294
3178	AUGGAAUC C UUGAGAGU	1987	ACUCUCAA CUGAUGAG GCCGUUAGGC CGAA IAUUCCAU	17295
3179	UGGAAUCC U UGAGAGUG	1988	CACUCUCA CUGAUGAG GCCGUUAGGC CGAA IGAUUCCA	17296
3190	AGAGUGAC U UGAUAAUA	1989	UAUUAUCA CUGAUGAG GCCGUUAGGC CGAA IUCACUCU	17297
3200	GAUAAUAC C AGUCACAC	1990	GUGUGACU CUGAUGAG GCCGUUAGGC CGAA IUAUUAUC	17298
3201	AUAAUACC A GUCACACU	1991	AGUGUGAC CUGAUGAG GCCGUUAGGC CGAA IGUAUUAU	17299
3205	UACCAGUC A CACUGGCG	1992	CGCCAGUG CUGAUGAG GCCGUUAGGC CGAA IACUGGUA	17300
3207	CCAGUCAC A CUGGCGGG	1993	CCCGCCAG CUGAUGAG GCCGUUAGGC CGAA IUGACUGG	17301
3209	AGUCACAC U GGCGGGAC	1994	GUCCCGCC CUGAUGAG GCCGUUAGGC CGAA IUGUGACU	17302
3218	GGCGGGAC C ACGAAGCA	1995	UGCUUCGU CUGAUGAG GCCGUUAGGC CGAA IUCCCGCC	17303
3219	GCGGGACC A CGAAGCAA	1996	UUGCUUCG CUGAUGAG GCCGUUAGGC CGAA IGUCCCGC	17304
3226	CACGAAGC A AUCACAAU	1997	AUUGUGAU CUGAUGAG GCCGUUAGGC CGAA ICUUCGUG	17305
3230	AAGCAAUC A CAAUCGGA	1998	UCCGAUUG CUGAUGAG GCCGUUAGGC CGAA IAUUGCUU	17306
3232	GCAAUCAC A AUCGGAGA	1999	UCUCCGAU CUGAUGAG GCCGUUAGGC CGAA IUGAUUGC	17307
3242	UCGGAGAC C UGGGUACA	2000	UGUACCCA CUGAUGAG GCCGUUAGGC CGAA IUCUCCGA	17308
3243	CGGAGACC U GGGUACAA	2001	UUGUACCC CUGAUGAG GCCGUUAGGC CGAA IGUCUCCG	17309
3250	CUGGGUAC A AGACACAA	2002	UUGUGUCU CUGAUGAG GCCGUUAGGC CGAA IUACCCAG	17310
3255	UACAAGAC A CAAAACCA	2003	UGGUUUUG CUGAUGAG GCCGUUAGGC CGAA IUCUUGUA	17311
3257	CAAGACAC A AAACCAGG	2004	CCUGGUUU CUGAUGAG GCCGUUAGGC CGAA IUGUCUUG	17312
3262	CACAAAAC C AGGGCCCA	2005	UGGGCCCU CUGAUGAG GCCGUUAGGC CGAA IUUUUGUG	17313
3263	ACAAAACC A GGGCCCAU	2006	AUGGGCCC CUGAUGAG GCCGUUAGGC CGAA IGUUUUGU	17314
3268	ACCAGGGC C CAUGGGAC	2007	GUCCCAUG CUGAUGAG GCCGUUAGGC CGAA ICCCUGGU	17314
3269	CCAGGGCC C AUGGGACG	2008	CGUCCCAU CUGAUGAG GCCGUUAGGC CGAA IGCCCUGG	17316
3270	CAGGGCCC A UGGGACGA	2009	UCGUCCCA CUGAUGAG GCCGUUAGGC CGAA IGCCCUG	17316
3283	ACGAAGGC C GGGUAGAG	2010	CUCUACCC CUGAUGAG GCCGUUAGGC CGAA ICCUUCGU	
3298	AGAUUGAC U UCGAUUAC	2011	GUAAUCGA CUGAUGAG GCCGUUAGGC CGAA ICCOUCGU	17318
3307	UCGAUUAC U GCCCAGGA	2012	UCCUGGGC CUGAUGAG GCCGUUAGGC CGAA IUCAAUCU	17319
3310	AUUACUGC C CAGGAACU	2012		17320
3311	UUACUGCC C AGGAACUA	2013	AGUUCCUG CUGAUGAG GCCGUUAGGC CGAA ICAGUAAU	17321
3312	UACUGCCC A GGAACUAC	2014	UAGUUCCU CUGAUGAG GCCGUUAGGC CGAA IGCAGUAA	17322
3318	CCAGGAAC U ACGGUCAC		GUAGUUCC CUGAUGAG GCCGUUAGGC CGAA IGGCAGUA	17323
3325	CUACGGUC A CCCUGAGU	2016	GUGACCGU CUGAUGAG GCCGUUAGGC CGAA 1UUCCUGG	17324
3325	ACGGUCAC C CUGAGUGA	2017	ACUCAGGG CUGAUGAG GCCGUUAGGC CGAA IACCGUAG	17325
3328	CGGUCACC C UGAGUGAG	2018	UCACUCAG CUGAUGAG GCCGUUAGGC CGAA IUGACCGU	17326
3328	GGUCACCC U GAGUGAGA	2019	CUCACUCA CUGAUGAG GCCGUUAGGC CGAA IGUGACCG	17327
2329	ADADUDACE U GAGUGAGA	2020	UCUCACUC CUGAUGAG GCCGUUAGGC CGAA IGGUGACC	17328

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3298	AGAUUGAC U UCGAUUAC	2011	GUAAUCGA CUGAUGAG GCCGUUAGGC CGAA IUCAAUCU	17319
3307	UCGAUUAC U GCCCAGGA	2012	UCCUGGGC CUGAUGAG GCCGUUAGGC CGAA IUAAUCGA	17320
3310	AUUACUGC C CAGGAACU	2013	AGUUCCUG CUGAUGAG GCCGUUAGGC CGAA ICAGUAAU	17321
3311	UUACUGCC C AGGAACUA	2014	UAGUUCCU CUGAUGAG GCCGUUAGGC CGAA IGCAGUAA	17322
3312	UACUGCCC A GGAACUAC	2015	GUAGUUCC CUGAUGAG GCCGUUAGGC CGAA IGGCAGUA	17323
3318	CCAGGAAC U ACGGUCAC	2016	GUGACCGU CUGAUGAG GCCGUUAGGC CGAA IUUCCUGG	17324
3325	CUACGGUC A CCCUGAGU	2017	ACUCAGGG CUGAUGAG GCCGUUAGGC CGAA IACCGUAG	17325
3327	ACGGUCAC C CUGAGUGA	2018	UCACUCAG CUGAUGAG GCCGUUAGGC CGAA IUGACCGU	17326
3328	CGGUCACC C UGAGUGAG	2019	CUCACUCA CUGAUGAG GCCGUUAGGC CGAA IGUGACCG	17327
3329	GGUCACCC U GAGUGAGA	2020	UCUCACUC CUGAUGAG GCCGUUAGGC CGAA IGGUGACC	1732B
3340	GUGAGAGC U GCGGACAC	2021	GUGUCCGC CUGAUGAG GCCGUUAGGC CGAA ICUCUCAC	17329
3347	CUGCGGAC A CCGUGGAC	2022	GUCCACGG CUGAUGAG GCCGUUAGGC CGAA IUCCGCAG	17330
3349	GCGGACAC C GUGGACCU	2023	AGGUCCAC CUGAUGAG GCCGUUAGGC CGAA IUGUCCGC	17331
3356	CCGUGGAC C UGCCACUC	2024	GAGUGGCA CUGAUGAG GCCGUUAGGC CGAA IUCCACGG	17332
3357	CGUGGACC U GCCACUCG	2025	CGAGUGGC CUGAUGAG GCCGUUAGGC CGAA IGUCCACG	17333
3360	GGACCUGC C ACUCGCAC	2026	GUGCGAGU CUGAUGAG GCCGUUAGGC CGAA ICAGGUCC	17334
3361	GACCUGCC A CUCGCACC	2027	GGUGCGAG CUGAUGAG GCCGUUAGGC CGAA IGCAGGUC	17335
3363	CCUGCCAC U CGCACCAC	2028	GUGGUGCG CUGAUGAG GCCGUUAGGC CGAA IUGGCAGG	17336
3367	CCACUCGC A CCACCACA	2029	UGUGGUGG CUGAUGAG GCCGUUAGGC CGAA 1CGAGUGG	17337
3369	ACUCGCAC C ACCACAGA	2030	UCUGUGU CUGAUGAG GCCGUUAGGC CGAA ICGAGGGU	17338
3370	CUCGCACC A CCACAGAG	2030	CUCUGUGG CUGAUGAG GCCGUUAGGC CGAA IGUGCGAG	17339
3372	CGCACCAC C ACAGAGAG	2031	CUCUCUGU CUGAUGAG GCCGUUAGGC CGAA IUGGUGCG	17340
3373	GCACCACC A CAGAGAGC	2032	GCUCUCUG CUGAUGAG GCCGUUAGGC CGAA IGUGGUGC	
3375	ACCACCAC A CAGAGAGC ACCACCAC A GAGAGCGG	2034	CCGCUCUC CUGAUGAG GCCGUUAGGC CGAA IUGGUGGU	17341
3396	UUGAUAAC A GAUUGGUG			17342
		2035	CACCAAUC CUGAUGAG GCCGUUAGGC CGAA IUUAUCAA	17343
3406	AUUGGUGC U GCAGGAGC	2036	GCUCCUGC CUGAUGAG GCCGUUAGGC CGAA ICACCAAU	17344
3409	GGUGCUGC A GGAGCUGC	2037	GCAGCUCC CUGAUGAG GCCGUUAGGC CGAA ICAGCACC	17345
3415	GCAGGAGC U GCACCUUA	2038	UAAGGUGC CUGAUGAG GCCGUUAGGC CGAA ICUCCUGC	17346
3418	GGAGCUGC A CCUUACCA	2039	UGGUAAGG CUGAUGAG GCCGUUAGGC CGAA ICAGCUCC	17347
3420	AGCUGCAC C UUACCACC	2040	GGUGGUAA CUGAUGAG GCCGUUAGGC CGAA IUGCAGCU	17348
3421	GCUGCACC U UACCACCA	2041	UGGUGGUA CUGAUGAG GCCGUUAGGC CGAA IGUGCAGC	17349
3425	CACCUUAC C ACCACUGC	2042	GCAGUGGU CUGAUGAG GCCGUUAGGC CGAA IUAAGGUG	17350
3426	ACCUUACC A CCACUGCG	2043	CGCAGUGG CUGAUGAG GCCGUUAGGC CGAA IGUAAGGU	17351
3428	CUUACCAC C ACUGCGCU	2044	AGCGCAGU CUGAUGAG GCCGUUAGGC CGAA IUGGUAAG	17352
3429	UUACCACC A CUGCGCUA	2045	UAGCGCAG CUGAUGAG GCCGUUAGGC CGAA IGUGGUAA	17353
3431	ACCACCAC U GCGCUACC	2046	GGUAGCGC CUGAUGAG GCCGUUAGGC CGAA IUGGUGGU	17354
3436	CACUGCGC U ACCAAACU	2047	AGUUUGGU CUGAUGAG GCCGUUAGGC CGAA ICGCAGUG	17355
3439	UGCGCUAC C AAACUGAC	2048	GUCAGUUU CUGAUGAG GCCGUUAGGC CGAA IUAGCGCA	17356
3440	GCGCUACC A AACUGACA	2049	UGUCAGUU CUGAUGAG GCCGUUAGGC CGAA IGUAGCGC	17357
3444	UACCAAAC U GACAGCGG	2050	CCGCUGUC CUGAUGAG GCCGUUAGGC CGAA IUUUGGUA	17358
3448	AAACUGAC A GCGGCUGU	2051	ACAGCCGC CUGAUGAG GCCGUUAGGC CGAA IUCAGUUU	17359
3454	ACAGCGGC U GUUGGUAU	2052	AUACCAAC CUGAUGAG GCCGUUAGGC CGAA ICCGCUGU	17360
3475	UGGAGAUC A GACCACAG	2053	CUGUGGUC CUGAUGAG GCCGUUAGGC CGAA IAUCUCCA	17361
3479	GAUCAGAC C ACAGAGAC	2054	GUCUCUGU CUGAUGAG GCCGUUAGGC CGAA IUCUGAUC	17362
3480	AUCAGACC A CAGAGACA	2055	UGUCUCUG CUGAUGAG GCCGUUAGGC CGAA IGUCUGAU	17363
3482	CAGACCAC A GAGACAUG	2056	CAUGUCUC CUGAUGAG GCCGUUAGGC CGAA IUGGUCUG	17364
3488	ACAGAGAC A UGAUGAAA	2057	UUUCAUCA CUGAUGAG GCCGUUAGGC CGAA IUCUCUGU	17365
3501	GAAAAGAC C CUCGUGCA	2058	UGCACGAG CUGAUGAG GCCGUUAGGC CGAA IUCUUUUC	17366
3502	AAAAGACC C UCGUGCAG	2059	CUGCACGA CUGAUGAG GCCGUUAGGC CGAA IGUCUUUU	17367
3503	AAAGACCC U CGUGCAGU	2060	ACUGCACG CUGAUGAG GCCGUUAGGC CGAA IGGUCUUU	17368
3509	CCUCGUGC A GUCACAAG	2061	CUUGUGAC CUGAUGAG GCCGUUAGGC CGAA ICACGAGG	17369
3513	GUGCAGUC A CAAGUGAA	2062	UUCACUUG CUGAUGAG GCCGUUAGGC CGAA IACUGCAC	17370
3515	GCAGUCAC A AGUGAAUG	2063	CAUUCACU CUGAUGAG GCCGUUAGGC CGAA IUGACUGC	17371
3525	GUGAAUGC U UAUAAUGC	2064	GCAUUAUA CUGAUGAG GCCGUUAGGC CGAA ICAUUCAC	17372
3534	UAUAAUGC U GAUAUGAU	2065	AUCAUAUC CUGAUGAG GCCGUUAGGC CGAA ICAUUAUA	17373
3547	UGAUUGAC C CUUUUCAG	2066	CUGAAAAG CUGAUGAG GCCGUUAGGC CGAA IUCAAUCA	17374
3548	GAUUGACC C UUUUCAGU	2067	ACUGAAAA CUGAUGAG GCCGUUAGGC CGAA IGUCAAUC	17375
3549	AUUGACCC U UUUCAGUU	2068	AACUGAAA CUGAUGAG GCCGUUAGGC CGAA IGGUCAAU	17376
3554	CCCUUUUC A GUUGGGCC	2069	GGCCCAAC CUGAUGAG GCCGUUAGGC CGAA IAAAAGGG	17377
3562	AGUUGGGC C UUCUGGUC	2070	GACCAGAA CUGAUGAG GCCGUUAGGC CGAA ICCCAACU	17378
3563	GUUGGGCC U UCUGGUCG	2071	CGACCAGA CUGAUGAG GCCGUUAGGC CGAA ICCCAACU	17379
ليودي	11000000		CONCERNAN CUCADOAG GCCGUUAGGC CGAA IGCCCAAC	1/3/9

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		2022	ACACGACC CUGAUGAG GCCGUUAGGC CGAA IAAGGCCC	17300
3566	GGGCCUUC U GGUCGUGU	2072		17380
3577	UCGUGUUC U UGGCCACC	2073	GGUGGCCA CUGAUGAG GCCGUUAGGC CGAA IAACACGA	17381
3582	UUCUUGGC C ACCCAGGA	2074	UCCUGGGU CUGAUGAG GCCGUUAGGC CGAA ICCAAGAA	17382
3583	UCUUGGCC A CCCAGGAG	2075	CUCCUGGG CUGAUGAG GCCGUUAGGC CGAA IGCCAAGA	17383
3585	UUGGCCAC C CAGGAGGU	2076	ACCUCCUG CUGAUGAG GCCGUUAGGC CGAA IUGGCCAA	17384
3586	UGGCCACC C AGGAGGUC	2077	GACCUCCU CUGAUGAG GCCGUUAGGC CGAA IGUGGCCA	17385
3587	GGCCACCC A GGAGGUCC	2078	GGACCUCC CUGAUGAG GCCGUUAGGC CGAA IGGUGGCC	17386
3595	AGGAGGUC C UUCGCAAG	2079	CUUGCGAA CUGAUGAG GCCGUUAGGC CGAA IACCUCCU	17387
3596	GGAGGUCC U UCGCAAGA	2080	UCUUGCGA CUGAUGAG GCCGUUAGGC CGAA IGACCUCC	17388
3601	UCCUUCGC A AGAGGUGG	2081	CCACCUCU CUGAUGAG GCCGUUAGGC CGAA ICGAAGGA	17389
	AGGUGGAC A GCCAAGAU	2082	AUCUUGGC CUGAUGAG GCCGUUAGGC CGAA IUCCACCU	17390
3612	UGGACAGC C AAGAUCAG	2083	CUGAUCUU CUGAUGAG GCCGUUAGGC CGAA ICUGUCCA	17391
3615			GCUGAUCU CUGAUGAG GCCGUUAGGC CGAA IGCUGUCC	17392
3616	GGACAGCC A AGAUCAGC	2084		
3622	CCAAGAUC A GCAUGCCA	2085	UGGCAUGC CUGAUGAG GCCGUUAGGC CGAA IAUCUUGG	17393
3625	AGAUCAGC A UGCCAGCU	2086	AGCUGGCA CUGAUGAG GCCGUUAGGC CGAA ICUGAUCU	17394
3629	CAGCAUGC C AGCUAUAC	2087	GUAUAGCU CUGAUGAG GCCGUUAGGC CGAA ICAUGCUG	17395
3630	AGCAUGCC A GCUAUACU	2088	AGUAUAGC CUGAUGAG GCCGUUAGGC CGAA IGCAUGCU	17396
3633	AUGCCAGC U AUACUGAU	2089	AUCAGUAU CUGAUGAG GCCGUUAGGC CGAA ICUGGCAU	17397
3638	AGCUAUAC U GAUUGCUC	2090	GAGCAAUC CUGAUGAG GCCGUUAGGC CGAA IUAUAGCU	17398
3645	CUGAUUGC U CUGCUAGU	2091	ACUAGCAG CUGAUGAG GCCGUUAGGC CGAA ICAAUCAG	17399
3647	GAUUGCUC U GCUAGUCC	2092	GGACUAGC CUGAUGAG GCCGUUAGGC CGAA IAGCAAUC	17400
3650	UGCUCUGC U AGUCCUGG	2093	CCAGGACU CUGAUGAG GCCGUUAGGC CGAA ICAGAGCA	17401
3655	UGCUAGUC C UGGUGUUU	2094	AAACACCA CUGAUGAG GCCGUUAGGC CGAA IACUAGCA	17402
3656	GCUAGUCC U GGUGUUUG	2095	CAAACACC CUGAUGAG GCCGUUAGGC CGAA IGACUAGC	17403
3670	UUGGGGGC A UUACUUAC	2096	GUAAGUAA CUGAUGAG GCCGUUAGGC CGAA ICCCCCAA	17404
			UCAGUGUA CUGAUGAG GCCGUUAGGC CGAA IUAAUGCC	17405
3675	GGCAUUAC U UACACUGA	2097	CACAUCAG CUGAUGAG GCCGUUAGGC CGAA IUAAGUAA	17406
3679	UUACUUAC A CUGAUGUG	2098		
3681	ACUUACAC U GAUGUGUU	2099	AACACAUC CUGAUGAG GCCGUUAGGC CGAA IUGUAAGU	17407
3694	UGUUACGC U AUGUCAUC	2100	GAUGACAU CUGAUGAG GCCGUUAGGC CGAA ICGUAACA	17408
3700	GCUAUGUC A UCUUGGUG	2101	CACCAAGA CUGAUGAG GCCGUUAGGC CGAA IACAUAGC	17409
3703	AUGUCAUC U UGGUGGGG	2102	CCCCACCA CUGAUGAG GCCGUUAGGC CGAA IAUGACAU	17410
3714	GUGGGGGC A GCUUUCGC	2103	GCGAAAGC CUGAUGAG GCCGUUAGGC CGAA ICCCCCAC	17411
3717	GGGGCAGC U UUCGCAGA	2104	UCUGCGAA CUGAUGAG GCCGUUAGGC CGAA ICUGCCCC	17412
3723	GCUUUCGC A GAAUCUAA	2105	UUAGAUUC CUGAUGAG GCCGUUAGGC CGAA ICGAAAGC	17413
3729	GCAGAAUC U AAUUCGGG	2106	CCCGAAUU CUGAUGAG GCCGUUAGGC CGAA IAUUCUGC	17414
3752	CGUGGUAC A CUUGGCGC	2107	GCGCCAAG CUGAUGAG GCCGUUAGGC CGAA IUACCACG	17415
3754	UGGUACAC U UGGCGCUC	2108	GAGCGCCA CUGAUGAG GCCGUUAGGC CGAA IUGUACCA	17416
3761	CUUGGCGC U CAUGGCGA	2109	UCGCCAUG CUGAUGAG GCCGUUAGGC CGAA ICGCCAAG	17417
3763	UGGCGCUC A UGGCGACC	2110	GGUCGCCA CUGAUGAG GCCGUUAGGC CGAA IAGCGCCA	17418
3771	AUGGCGAC C UUCAAGAU	2111	AUCUUGAA CUGAUGAG GCCGUUAGGC CGAA IUCGCCAU	17419
	UGGCGACC U UCAAGAUA	2112	UAUCUUGA CUGAUGAG GCCGUUAGGC CGAA IGUCGCCA	17420
3772		2112	UUGUAUCU CUGAUGAG GCCGUUAGGC CGAA IAAGGUCG	17421
3775	CGACCUUC A AGAUACAA	1		
3782	CAAGAUAC A ACCAGUGU	2114	ACACUGGU CUGAUGAG GCCGUUAGGC CGAA IUAUCUUG	17422
3785	GAUACAAC C AGUGUUUA	2115	UAAACACU CUGAUGAG GCCGUUAGGC CGAA IUUGUAUC	17423
3786	AUACAACC A GUGUUUAU	2116	AUAAACAC CUGAUGAG GCCGUUAGGC CGAA IGUUGUAU	17424
3801	AUGGUGGC A UCGUUUCU	2117	AGAAACGA CUGAUGAG GCCGUUAGGC CGAA ICCACCAU	17425
3809	AUCGUUUC U CAAAGCGA	2118	UCGCUUUG CUGAUGAG GCCGUUAGGC CGAA IAAACGAU	17426
3811	CGUUUCUC A AAGCGAGA	2119	UCUCGCUU CUGAUGAG GCCGUUAGGC CGAA IAGAAACG	17427
3825	AGAUGGAC C AACCAGGA	2120	UCCUGGUU CUGAUGAG GCCGUUAGGC CGAA IUCCAUCU	17428
3826	GAUGGACC A ACCAGGAG	2121	CUCCUGGU CUGAUGAG GCCGUUAGGC CGAA IGUCCAUC	17429
3829	GGACCAAC C AGGAGAAC	2122	GUUCUCCU CUGAUGAG GCCGUUAGGC CGAA IUUGGUCC	17430
3830	GACCAACC A GGAGAACA	2123	UGUUCUCC CUGAUGAG GCCGUUAGGC CGAA IGUUGGUC	17431
3838	AGGAGAAC A UUUUGUUG	2124	CAACAAAA CUGAUGAG GCCGUUAGGC CGAA IUUCUCCU	17432
3858	UUGGCGGC U GUUUUCUU	2125	AAGAAAAC CUGAUGAG GCCGUUAGGC CGAA ICCGCCAA	17433
3865	CUGUUUUC U UUCAAAUG	2126	CAUUUGAA CUGAUGAG GCCGUUAGGC CGAA IAAAACAG	17434
3869	UUUCUUUC A AAUGGCUU	2127	AAGCCAUU CUGAUGAG GCCGUUAGGC CGAA IAAAGAAA	17435
		2128	UCGUGAUA CUGAUGAG GCCGUUAGGC CGAA ICCAUUUG	17436
3876	CAAAUGGC U UAUCACGA			
3881	GGCUUAUC A CGAUGCCC	2129	GGGCAUCG CUGAUGAG GCCGUUAGGC CGAA IAUAAGCC	17437
3888	CACGAUGC C CGCCAAAU	2130	AUUUGGCG CUGAUGAG GCCGUUAGGC CGAA ICAUCGUG	17438
3889	ACGAUGCC C GCCAAAUU	2131	AAUUUGGC CUGAUGAG GCCGUUAGGC CGAA IGCAUCGU	17439
3892	AUGCCCGC C AAAUUCUG	2132	CAGAAUUU CUGAUGAG GCCGUUAGGC CGAA ICGGGCAU	17440

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3893	UGCCCGCC A AAUUCUGC	2133	GCAGAAUU CUGAUGAG GCCGUUAGGC CGAA IGCGGGCA	17441
3899	CCAAAUUC U GCUCUGGG	2134	CCCAGAGC CUGAUGAG GCCGUUAGGC CGAA IAAUUUGG	17442
3902	AAUUCUGC U CUGGGAGA	2135	UCUCCCAG CUGAUGAG GCCGUUAGGC CGAA ICAGAAUU	17443
3904	UUCUGCUC U GGGAGAUC	2136	GAUCUCCC CUGAUGAG GCCGUUAGGC CGAA IAGCAGAA	17444
3913	GGGAGAUC C CUGAUGUG	2137	CACAUCAG CUGAUGAG GCCGUUAGGC CGAA IAUCUCCC	17445
3914	GGAGAUCC C UGAUGUGU	2138	ACACAUCA CUGAUGAG GCCGUUAGGC CGAA IGAUCUCC	17446
3915	GAGAUCCC U GAUGUGUU	2139	AACACAUC CUGAUGAG GCCGUUAGGC CGAA IGGAUCUC	17447
3930	UUGAAUUC A CUGGCGGU	2140	ACCGCCAG CUGAUGAG GCCGUUAGGC CGAA IAAUUCAA	17448
			CUACCGCC CUGAUGAG GCCGUUAGGC CGAA IUGAAUUC	
3932	GAAUUCAC U GGCGGUAG	2141		17449
3942	GCGGUAGC U UGGAUGAU	2142	AUCAUCCA CUGAUGAG GCCGUUAGGC CGAA ICUACCGC	17450
3953	GAUGAUAC U GAGAGCCA	2143	UGGCUCUC CUGAUGAG GCCGUUAGGC CGAA IUAUCAUC	17451
3960	CUGAGAGC C AUAACAUU	2144	AAUGUUAU CUGAUGAG GCCGUUAGGC CGAA ICUCUCAG	17452
3961	UGAGAGCC A UAACAUUC	2145	GAAUGUUA CUGAUGAG GCCGUUAGGC CGAA IGCUCUCA	17453
3966	GCCAUAAC A UUCACAAC	2146	GUUGUGAA CUGAUGAG GCCGUUAGGC CGAA IUUAUGGC	17454
3970	UAACAUUC A CAACGACA	2147	UGUCGUUG CUGAUGAG GCCGUUAGGC CGAA IAAUGUUA	17455
3972	ACAUUCAC A ACGACAUC	2148	GAUGUCGU CUGAUGAG GCCGUUAGGC CGAA IUGAAUGU	17456
3978	ACAACGAC A UCAAACGU	2149	ACGUUUGA CUGAUGAG GCCGUUAGGC CGAA IUCGUUGU	17457
3981	ACGACAUC A AACGUGGU	2150	ACCACGUU CUGAUGAG GCCGUUAGGC CGAA IAUGUCGU	17458
3995	GGUUGUUC C GCUGCUAG	2151	CUAGCAGC CUGAUGAG GCCGUUAGGC CGAA IAACAACC	17459
3998	UGUUCCGC U GCUAGCCC	2152	GGGCUAGC CUGAUGAG GCCGUUAGGC CGAA ICGGAACA	17460
4001	UCCGCUGC U AGCCCUGC	2153	GCAGGGCU CUGAUGAG GCCGUUAGGC CGAA ICAGCGGA	17461
4005	CUGCUAGC C CUGCUAAC	2154	GUUAGCAG CUGAUGAG GCCGUUAGGC CGAA ICUAGCAG	17462
4006	UGCUAGCC C UGCUAACA	2155	UGUUAGCA CUGAUGAG GCCGUUAGGC CGAA IGCUAGCA	17463
4007	GCUAGCCC U GCUAACAC	2156	GUGUUAGC CUGAUGAG GCCGUUAGGC CGAA IGGCUAGC	17464
4010	AGCCCUGC U AACACCCG	2157	CGGGUGUU CUGAUGAG GCCGUUAGGC CGAA ICAGGGCU	17465
4014	CUGCUAAC A CCCGGGCU	2158	AGCCCGGG CUGAUGAG GCCGUUAGGC CGAA IUUAGCAG	17466
4016	GCUAACAC C CGGGCUGA	2159	UCAGCCCG CUGAUGAG GCCGUUAGGC CGAA IUGUUAGC	17467
4017	CUAACACC C GGGCUGAG	2160	CUCAGCCC CUGAUGAG GCCGUUAGGC CGAA IGUGUUAG	17468
4022	ACCCGGGC U GAGAUGCU	2161	AGCAUCUC CUGAUGAG GCCGUUAGGC CGAA ICCCGGGU	17469
4030	UGAGAUGC U UGAAUCUG	2162	CAGAUUCA CUGAUGAG GCCGUUAGGC CGAA ICAUCUCA	17470
4037	CUUGAAUC U GGAUGUGU	2163	ACACAUCC CUGAUGAG GCCGUUAGGC CGAA IAUUCAAG	17471
4048	AUGUGUAC A GGAUACUG	2164	CAGUAUCC CUGAUGAG GCCGUUAGGC CGAA IUACACAU	17472
4055	CAGGAUAC U GCUGUUGA	2165	UCAACAGC CUGAUGAG GCCGUUAGGC CGAA IUAUCCUG	17473
4058	GAUACUGC U GUUGAUGG	2166	CCAUCAAC CUGAUGAG GCCGUUAGGC CGAA ICAGUAUC	17474
4078	GAAUAGGC A GCUUGAUC	2167	GAUCAAGC CUGAUGAG GCCGUUAGGC CGAA ICCUAUUC	17475
4081	UAGGCAGC U UGAUCAGG	2168	CCUGAUCA CUGAUGAG GCCGUUAGGC CGAA ICUGCCUA	17476
4087	GCUUGAUC A GGGAGAAG	2169	CUUCUCCC CUGAUGAG GCCGUUAGGC CGAA IAUCAAGC	17477
4104	AGGAGUGC A GCUGCAAA	2170	UUUGCAGC CUGAUGAG GCCGUUAGGC CGAA ICACUCCU	17478
4107	AGUGCAGC U GCAAAAAA	2171		
4110	GCAGCUGC A AAAAAGAA	2172	UUUUUUGC CUGAUGAG GCCGUUAGGC CGAA ICUGCACU UUCUUUUU CUGAUGAG GCCGUUAGGC CGAA ICAGCUGC	17479
				17480
4125	AAAGGAGC A AGUCUGCU	2173	AGCAGACU CUGAUGAG GCCGUUAGGC CGAA ICUCCUUU	17481
4130	AGCAAGUC U GCUAUGCU	2174	AGCAUAGC CUGAUGAG GCCGUUAGGC CGAA IACUUGCU	17482
4133	AAGUCUGC U AUGCUUGG	2175	CCAAGCAU CUGAUGAG GCCGUUAGGC CGAA ICAGACUU	17483
4138	UGCUAUGC U UGGCUCUA	2176	UAGAGCCA CUGAUGAG GCCGUUAGGC CGAA ICAUAGCA	17484
4143	UGCUUGGC U CUAGCCUC	2177	GAGGCUAG CUGAUGAG GCCGUUAGGC CGAA ICCAAGCA	17485
4145	CUUGGCUC U AGCCUCAA	2178	UUGAGGCU CUGAUGAG GCCGUUAGGC CGAA IAGCCAAG	17486
4149	GCUCUAGC C UCAACAGG	2179	CCUGUUGA CUGAUGAG GCCGUUAGGC CGAA ICUAGAGC	17487
4150	CUCUAGCC U CAACAGGA	2180	UCCUGUUG CUGAUGAG GCCGUUAGGC CGAA IGCUAGAG	17488
4152	CUAGCCUC A ACAGGACU	2181	AGUCCUGU CUGAUGAG GCCGUUAGGC CGAA IAGGCUAG	17489
4155	GCCUCAAC A GGACUUUU	2182	AAAAGUCC CUGAUGAG GCCGUUAGGC CGAA IUUGAGGC	17490
4160	AACAGGAC U UUUCAACC	2183	GGUUGAAA CUGAUGAG GCCGUUAGGC CGAA IUCCUGUU	17491
4165	GACUUUUC A ACCCCAUG	2184	CAUGGGGU CUGAUGAG GCCGUUAGGC CGAA IAAAAGUC	17492
4168	UUUUCAAC C CCAUGAUC	2185	GAUCAUGG CUGAUGAG GCCGUUAGGC CGAA IUUGAAAA	17493
4169	UUUCAACC C CAUGAUCC	2186	GGAUCAUG CUGAUGAG GCCGUUAGGC CGAA IGUUGAAA	17494
4170	UUCAACCC C AUGAUCCU	2187	AGGAUCAU CUGAUGAG GCCGUUAGGC CGAA IGGUUGAA	17495
4171	UCAACCCC A UGAUCCUU	2188	AAGGAUCA CUGAUGAG GCCGUUAGGC CGAA IGGGUUGA	17496
4177	CCAUGAUC C UUGCUGCU	2189	AGCAGCAA CUGAUGAG GCCGUUAGGC CGAA IAUCAUGG	17497
4178	CAUGAUCC U UGCUGCUG	2190	CAGCAGCA CUGAUGAG GCCGUUAGGC CGAA IGAUCAUG	17498
4182	AUCCUUGC U GCUGGACU	2191	AGUCCAGC CUGAUGAG GCCGUUAGGC CGAA ICAAGGAU	17499
4185	CUUGCUGC U GGACUGAU	2192	AUCAGUCC CUGAUGAG GCCGUUAGGC CGAA ICAGCAAG	17500
4190	UGCUGGAC U GAUUGCAU	2193	AUGCAAUC CUGAUGAG GCCGUUAGGC CGAA IUCCAGCA	17501

4266	AUGUUUGC C AUCGUCGG	2207	CCGACGAU CUGAUGAG GCCGUUAGGC CGAA ICAAACAU	17515
4267	UGUUUGCC A UCGUCGGA	2208	UCCGACGA CUGAUGAG GCCGUUAGGC CGAA IGCAAACA	17516
4280	CGGAGGGC U GGCAGAGC	2209	GCUCUGCC CUGAUGAG GCCGUUAGGC CGAA ICCCUCCG	17517
		2210	UCAAGCUC CUGAUGAG GCCGUUAGGC CGAA ICCAGCCC	17518
4284	GGGCUGGC A GAGCUUGA			
4289	GGCAGAGC U UGACAUUG	2211	CAAUGUCA CUGAUGAG GCCGUUAGGC CGAA ICUCUGCC	17519
4294	AGCUUGAC A UUGACUCC	2212	GGAGUCAA CUGAUGAG GCCGUUAGGC CGAA IUCAAGCU	17520
4300	ACAUUGAC U CCAUGGCC	2213	GGCCAUGG CUGAUGAG GCCGUUAGGC CGAA IUCAAUGU	17521
4302	AUUGACUC C AUGGCCAU	2214	AUGGCCAU CUGAUGAG GCCGUUAGGC CGAA IAGUCAAU	17522
4303	UUGACUCC A UGGCCAUU	2215	AAUGGCCA CUGAUGAG GCCGUUAGGC CGAA IGAGUCAA	17523
4308	UCCAUGGC C AUUCCAAU	2216	AUUGGAAU CUGAUGAG GCCGUUAGGC CGAA ICCAUGGA	17524
4309	CCAUGGCC A UUCCAAUG	2217	CAUUGGAA CUGAUGAG GCCGUUAGGC CGAA IGCCAUGG	17525
4313	GGCCAUUC C AAUGACUA	2218	UAGUCAUU CUGAUGAG GCCGUUAGGC CGAA IAAUGGCC	17526
4314	GCCAUUCC A AUGACUAU	2219	AUAGUCAU CUGAUGAG GCCGUUAGGC CGAA IGAAUGGC	17527
4320	CCAAUGAC U AUCGCGGG	2220	CCCGCGAU CUGAUGAG GCCGUUAGGC CGAA IUCAUUGG	17528
4331	CGCGGGGC U CAUGUUUG	2221	CAAACAUG CUGAUGAG GCCGUUAGGC CGAA ICCCCGCG	17529
4333	CGGGGCUC A UGUUUGCU	2222	AGCAAACA CUGAUGAG GCCGUUAGGC CGAA IAGCCCCG	17530
4341	AUGUUUGC U GCUUUCGU	2223	ACGAAAGC CUGAUGAG GCCGUUAGGC CGAA ICAAACAU	17531
4344	UUUGCUGC U UUCGUGAU	2224	AUCACGAA CUGAUGAG GCCGUUAGGC CGAA ICAGCAAA	17532
4356	GUGAUUUC U GGGAAAUC	2225	GAUUUCCC CUGAUGAG GCCGUUAGGC CGAA IAAAUCAC	17533
4365	GGGAAAUC A ACAGAUAU	2226	AUAUCUGU CUGAUGAG GCCGUUAGGC CGAA IAUUUCCC	17534
4368	AAAUCAAC A GAUAUGUG	2227	CACAUAUC CUGAUGAG GCCGUUAGGC CGAA IUUGAUUU	17535
4396	CGGCGGAC A UUUCCUGG	2228	CCAGGAAA CUGAUGAG GCCGUUAGGC CGAA IUCCGCCG	17536
4401	GACAUUUC C UGGGAAAG	2229	CUUUCCCA CUGAUGAG GCCGUUAGGC CGAA IAAAUGUC	17537
4402	ACAUUUCC U GGGAAAGU	2230	ACUUUCCC CUGAUGAG GCCGUUAGGC CGAA IGAAAUGU	17538
4416	AGUGAUGC A GAAAUUAC	2231	GUAAUUUC CUGAUGAG GCCGUUAGGC CGAA ICAUCACU	17539
4425	GAAAUUAC A GGCUCGAG	2232	CUCGAGCC CUGAUGAG GCCGUUAGGC CGAA IUAAUUUC	17540
4429	UUACAGGC U CGAGCGAA	2233	UUCGCUCG CUGAUGAG GCCGUUAGGC CGAA ICCUGUAA	17541
4454	UGUGCGGC U UGAUGAUG	2234	CAUCAUCA CUGAUGAG GCCGUUAGGC CGAA ICCGCACA	17542
4471	AUGGAAAC U UCCAGCUC	2235	GAGCUGGA CUGAUGAG GCCGUUAGGC CGAA IUUUCCAU	17543
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4474	GAAACUUC C AGCUCAUG	2236	CAUGAGCU CUGAUGAG GCCGUUAGGC CGAA IAAGUUUC	17544
4475	AAACUUCC A GCUCAUGA	2237	UCAUGAGC CUGAUGAG GCCGUUAGGC CGAA IGAAGUUU	17545
4478	CUUCCAGC U CAUGAAUG	2238	CAUUCAUG CUGAUGAG GCCGUUAGGC CGAA ICUGGAAG	17546
4480	UCCAGCUC A UGAAUGAU	2239	AUCAUUCA CUGAUGAG GCCGUUAGGC CGAA LAGCUGGA	17547
4490	GAAUGAUC C AGGAGCAC	2240	GUGCUCCU CUGAUGAG GCCGUUAGGC CGAA IAUCAUUC	17548
4491	AAUGAUCC A GGAGCACC	2241	GGUGCUCC CUGAUGAG GCCGUUAGGC CGAA IGAUCAUU	17549
4497	CCAGGAGC A CCUUGGAA	2242	UUCCAAGG CUGAUGAG GCCGUUAGGC CGAA ICUCCUGG	17550
4499	AGGAGCAC C UUGGAAGA	2243	UCUUCCAA CUGAUGAG GCCGUUAGGC CGAA IUGCUCCU	17551
4500	GGAGCACC U UGGAAGAU	2244	AUCUUCCA CUGAUGAG GCCGUUAGGC CGAA IGUGCUCC	17552
4517	AUGGAUGC U CAGAAUGG	2245	CCAUUCUG CUGAUGAG GCCGUUAGGC CGAA ICAUCCAU	17553
4519	GGAUGCUC A GAAUGGUC	2246	GACCAUUC CUGAUGAG GCCGUUAGGC CGAA IAGCAUCC	17554
4528	GAAUGGUC U GUCUCGCG	2247	CGCGAGAC CUGAUGAG GCCGUUAGGC CGAA IACCAUUC	17555
4532	GGUCUGUC U CGCGAUUA	2248	UAAUCGCG CUGAUGAG GCCGUUAGGC CGAA IACAGACC	17556
4549	GUGCGUAC A CCCCCUGG	2249	CCAGGGGG CUGAUGAG GCCGUUAGGC CGAA IUACGCAC	17557
4551	GCGUACAC C CCCUGGGC	2250	GCCCAGGG CUGAUGAG GCCGUUAGGC CGAA IUGUACGC	17558
4552	CGUACACC C CCUGGGCA	2251	UGCCCAGG CUGAUGAG GCCGUUAGGC CGAA IGUGUACG	17559
	GUACACCC C CUGGGCAA			
4553		2252	UUGCCCAG CUGAUGAG GCCGUUAGGC CGAA IGGUGUAC	17560
4554	UACACCCC C UGGGCAAU	2253	AUUGCCCA CUGAUGAG GCCGUUAGGC CGAA IGGGUGUA	17561
4555	ACACCCCC U GGGCAAUC	2254	GAUUGCCC CUGAUGAG GCCGUUAGGC CGAA IGGGGUGU	17562
4560	CCCUGGGC A AUCUUGCC	2255	GGCAAGAU CUGAUGAG GCCGUUAGGC CGAA ICCCAGGG	17563
4564	GGGCAAUC U UGCCCUCA	2256	UGAGGGCA CUGAUGAG GCCGUUAGGC CGAA IAUUGCCC	17564
4568	AAUCUUGC C CUCAGUAG	2257	CUACUGAG CUGAUGAG GCCGUUAGGC CGAA ICAAGAUU	17565
4569	AUCUUGCC C UCAGUAGU	2258	ACUACUGA CUGAUGAG GCCGUUAGGC CGAA IGCAAGAU	17566
4570	UCUUGCCC U CAGUAGUU	2259	AACUACUG CUGAUGAG GCCGUUAGGC CGAA IGGCAAGA	17567
4572	UUGCCCUC A GUAGUUGG	2260	CCAACUAC CUGAUGAG GCCGUUAGGC CGAA IAGGGCAA	17568
4593	UGGAUAAC U CUCCAAUA	2261	UAUUGGAG CUGAUGAG GCCGUUAGGC CGAA IUUAUCCA	17569
4595	GAUAACUC U CCAAUACA	2262	UGUAUUGG CUGAUGAG GCCGUUAGGC CGAA IAGUUAUC	17570
4597	UAACUCUC C AAUACACA	2263	UGUGUAUU CUGAUGAG GCCGUUAGGC CGAA IAGAGUUA	17571
4598	AACUCUCC A AUACACAA	2264	UUGUGUAU CUGAUGAG GCCGUUAGGC CGAA IGAGAGUU	17572
4603	UCCAAUAC A CAAAGAGA	2265	UCUCUUUG CUGAUGAG GCCGUUAGGC CGAA IUAUUGGA	17573
4605	CAAUACAC A CAAAGAGAG			
		2266	CCUCUCUU CUGAUGAG GCCGUUAGGC CGAA IUGUAUUG	17574
4630	UGUGGGAC A CUCCCUCA	2267	UGAGGGAG CUGAUGAG GCCGUUAGGC CGAA IUCCCACA	17575
4632	UGGGACAC U CCCUCACC	2268	GGUGAGGG CUGAUGAG GCCGUUAGGC CGAA IUGUCCCA	17576

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4634	GGACACUC C CUCACCAA	2269	UUGGUGAG CUGAUGAG GCCGUUAGGC CGAA IAGUGUCC	17577
4635	GACACUCC C UCACCAAA	2270	UUUGGUGA CUGAUGAG GCCGUUAGGC CGAA IGAGUGUC	17578
4636	ACACUCCC U CACCAAAG	2271	CUUUGGUG CUGAUGAG GCCGUUAGGC CGAA IGGAGUGU	17579
4638	ACUCCCUC A CCAAAGGA	2272	UCCUUUGG CUGAUGAG GCCGUUAGGC CGAA IAGGGAGU	17580
4640	UCCCUCAC C AAAGGAGU	2273	ACUCCUUU CUGAUGAG GCCGUUAGGC CGAA IUGAGGGA	17581
4641	CCCUCACC A AAGGAGUA	2274	UACUCCUU CUGAUGAG GCCGUUAGGC CGAA IGUGAGGG	17582
4651	AGGAGUAC A AAAAGGGG	2275	CCCCUUUU CUGAUGAG GCCGUUAGGC CGAA IUACUCCU	17583
4663	AGGGGGAC A CGACCACC	2276	GGUGGUCG CUGAUGAG GCCGUUAGGC CGAA IUCCCCCU	17584
4668	GACACGAC C ACCGGCGU	2277	ACGCCGGU CUGAUGAG GCCGUUAGGC CGAA IUCGUGUC	17585
4669	ACACGACC A CCGGCGUC	227B	GACGCCGG CUGAUGAG GCCGUUAGGC CGAA IGUCGUGU	17586
 				
4671	ACGACCAC C GGCGUCUA	2279	UAGACGCC CUGAUGAG GCCGUUAGGC CGAA IUGGUCGU	17587
4678	CCGGCGUC U ACAGGAUC	2280	GAUCCUGU CUGAUGAG GCCGUUAGGC CGAA IACGCCGG	17588
4681	GCGUCUAC A GGAUCAUG	2281	CAUGAUCC CUGAUGAG GCCGUUAGGC CGAA TUAGACGC	17589
4687	ACAGGAUC A UGACUCGU	2282	ACGAGUCA CUGAUGAG GCCGUUAGGC CGAA IAUCCUGU	17590
4692	AUCAUGAC U CGUGGGCU	2283	AGCCCACG CUGAUGAG GCCGUUAGGC CGAA IUCAUGAU	17591
4700	UCGUGGGC U GCUCGGCA	2284	UGCCGAGC CUGAUGAG GCCGUUAGGC CGAA ICCCACGA	17592
4703	UGGGCUGC U CGGCAGUU	2285	AACUGCCG CUGAUGAG GCCGUUAGGC CGAA ICAGCCCA	17593
4708	UGCUCGGC A GUUAUCAA	2286	UUGAUAAC CUGAUGAG GCCGUUAGGC CGAA ICCGAGCA	17594
4715	CAGUUAUC A AGCAGGAG	2287	CUCCUGCU CUGAUGAG GCCGUUAGGC CGAA IAUAACUG	17595
4719	UAUCAAGC A GGAGCGGG	2288	CCCGCUCC CUGAUGAG GCCGUUAGGC CGAA ICUUGAUA	17596
4750	GUGUUUUC C ACACCCUU	2289	AAGGGUGU CUGAUGAG GCCGUUAGGC CGAA IAAAACAC	17597
4751	UGUUUUCC A CACCCUUU	2290	AAAGGGUG CUGAUGAG GCCGUUAGGC CGAA IGAAAACA	17598
4753	UUUUCCAC A CCCUUUGG	2291	CCAAAGGG CUGAUGAG GCCGUUAGGC CGAA IUGGAAAA	17599
4755	UUCCACAC C CUUUGGCA	2292	UGCCAAAG CUGAUGAG GCCGUUAGGC CGAA IUGUGGAA	17600
4756	UCCACACC C UUUGGCAU	2293	AUGCCAAA CUGAUGAG GCCGUUAGGC CGAA IGUGUGGA	17601
4757	CCACACCC U UUGGCAUA	2294	UAUGCCAA CUGAUGAG GCCGUUAGGC CGAA IGGUGUGG	17602
4763	CCUUUGGC A UACAACAA	2295	UUGUUGUA CUGAUGAG GCCGUUAGGC CGAA ICCAAAGG	17603
4767	UGGCAUAC A ACAAAAGG	2296	CCUUUUGU CUGAUGAG GCCGUUAGGC CGAA IUAUGCCA	17604
4770	CAUACAAC A AAAGGAGC	2297	GCUCCUUU CUGAUGAG GCCGUUAGGC CGAA IUUGUAUG	17605
4779	AAAGGAGC C GCUUUGAU	2298	AUCAAAGC CUGAUGAG GCCGUUAGGC CGAA ICUCCUUU	
4782				17606
	GGAGCCGC U UUGAUGAG	2299	CUCAUCAA CUGAUGAG GCCGUUAGGC CGAA ICGGCUCC	17607
4801	GAGAGGGC C GCCUGGAC	2300	GUCCAGGC CUGAUGAG GCCGUUAGGC CGAA ICCCUCUC	17608
4804	AGGGCCGC C UGGACCCA	2301	UGGGUCCA CUGAUGAG GCCGUUAGGC CGAA ICGGCCCU	17609
4805	GGGCCGCC U GGACCCAU	2302	AUGGGUCC CUGAUGAG GCCGUUAGGC CGAA IGCGGCCC	17610
4810	GCCUGGAC C CAUACUGG	2303	CCAGUAUG CUGAUGAG GCCGUUAGGC CGAA IUCCAGGC	17611
4811	CCUGGACC C AUACUGGG	2304	CCCAGUAU CUGAUGAG GCCGUUAGGC CGAA IGUCCAGG	17612
4812	CUGGACCC A UACUGGGG	2305	CCCCAGUA CUGAUGAG GCCGUUAGGC CGAA IGGUCCAG	17613
4816	ACCCAUAC U GGGGCAGU	2306	ACUGCCCC CUGAUGAG GCCGUUAGGC CGAA IUAUGGGU	17614
4822	ACUGGGC A GUGUCAAG	2307	CUUGACAC CUGAUGAG GCCGUUAGGC CGAA ICCCCAGU	17615
4828	GCAGUGUC A AGGAGGAU	2308	AUCCUCCU CUGAUGAG GCCGUUAGGC CGAA IACACUGC	17616
4841	GGAUCGAC U UUGUUACG	2309	CGUAACAA CUGAUGAG GCCGUUAGGC CGAA IUCGAUCC	17617
4856	CGGAGGAC C CUGGAAAU	2310	AUUUCCAG CUGAUGAG GCCGUUAGGC CGAA IUCCUCCG	17618
4857	GGAGGACC C UGGAAAUU	2311	AAUUUCCA CUGAUGAG GCCGUUAGGC CGAA IGUCCUCC	17619
4858	GAGGACCC U GGAAAUUG	2312	CAAUUUCC CUGAUGAG GCCGUUAGGC CGAA IGGUCCUC	17620
4868	GAAAUUGC A GCACAAGU	2313	ACUUGUGC CUGAUGAG GCCGUUAGGC CGAA ICAAUUUC	17621
4871	AUUGCAGC A CAAGUGGA	2314	UCCACUUG CUGAUGAG GCCGUUAGGC CGAA ICUGCAAU	17622
4873	UGCAGCAC A AGUGGAAC	2315	GUUCCACU CUGAUGAG GCCGUUAGGC CGAA IUGCUGCA	17623
4886	GAACGGGC A GGAUGAGG	2316	CCUCAUCC CUGAUGAG GCCGUUAGGC CGAA ICCCGUUC	17624
4898	UGAGGUGC A GAUGAUUG	2317	CAAUCAUC CUGAUGAG GCCGUUAGGC CGAA ICACCUCA	17625
4916	GGUGGAAC C UGGCAAGA	2318	UCUUGCCA CUGAUGAG GCCGUUAGGC CGAA IUUCCACC	17626
4917	GUGGAACC U GGCAAGAA	2319	UUCUUGCC CUGAUGAG GCCGUUAGGC CGAA IGUUCCAC	17627
4921	AACCUGGC A AGAACGUU	2320	AACGUUCU CUGAUGAG GCCGUUAGGC CGAA ICCAGGUU	17628
4939	AGAACGUC C AGACGAAA	2321	UUUCGUCU CUGAUGAG GCCGUUAGGC CGAA ICCAGGUUCU	
4940	GAACGUCC A GACGAAAC	2322		17629
			GUUUCGUC CUGAUGAG GCCGUUAGGC CGAA IGACGUUC	17630
4949	GACGAAAC C AGGGGUGU	2323	ACACCCCU CUGAUGAG GCCGUUAGGC CGAA IUUUCGUC	17631
4950	ACGAAACC A GGGGUGUU	2324	AACACCCC CUGAUGAG GCCGUUAGGC CGAA IGUUUCGU	17632
4960	GGGUGUUC A AAACACCU	2325	AGGUGUUU CUGAUGAG GCCGUUAGGC CGAA IAACACCC	17633
4965	UUCAAAAC A CCUGAAGG	2326	CCUUCAGG CUGAUGAG GCCGUUAGGC CGAA IUUUUGAA	17634
4967	CAAAACAC C UGAAGGAG	2327	CUCCUUCA CUGAUGAG GCCGUUAGGC CGAA IUGUUUUG	17635
4968	AAAACACC U GAAGGAGA	2328	UCUCCUUC CUGAUGAG GCCGUUAGGC CGAA IGUGUUUU	17636
4986	AUCGGGGC C GUGACUUU	2329	AAAGUCAC CUGAUGAG GCCGUUAGGC CGAA ICCCCGAU	17637
4992	GCCGUGAC U UUGGACUU	2330	AAGUCCAA CUGAUGAG GCCGUUAGGC CGAA IUCACGGC	17638

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	CUUUGGAC U UCCCCACU	2331	AGUGGGGA CUGAUGAG GCCGUUAGGC CGAA IUCCAAAG	17639
4999			UCCAGUGG CUGAUGAG GCCGUUAGGC CGAA IAAGUCCA	17640
5002	UGGACUUC C CCACUGGA	2332		
5003	GGACUUCC C CACUGGAA	2333	UUCCAGUG CUGAUGAG GCCGUUAGGC CGAA IGAAGUCC	17641
5004	GACUUCCC C ACUGGAAC	2334	GUUCCAGU CUGAUGAG GCCGUUAGGC CGAA IGGAAGUC	17642
5005	ACUUCCCC A CUGGAACA	2335	UGUUCCAG CUGAUGAG GCCGUUAGGC CGAA IGGGAAGU	17643
5007	UUCCCCAC U GGAACAUC	2336	GAUGUUCC CUGAUGAG GCCGUUAGGC CGAA IUGGGGAA	17644
5013	ACUGGAAC A UCAGGCUC	2337	GAGCCUGA CUGAUGAG GCCGUUAGGC CGAA IUUCCAGU	17645
5016	GGAACAUC A GGCUCACC	2338	GGUGAGCC CUGAUGAG GCCGUUAGGC CGAA IAUGUUCC	17646
5020	CAUCAGGC U CACCAAUA	2339	UAUUGGUG CUGAUGAG GCCGUUAGGC CGAA ICCUGAUG	17647
5022	UCAGGCUC A CCAAUAGU	2340	ACUAUUGG CUGAUGAG GCCGUUAGGC CGAA IAGCCUGA	17648
		2341	CCACUAUU CUGAUGAG GCCGUUAGGC CGAA IUGAGCCU	17649
5024	AGGCUCAC C AAUAGUGG		UCCACUAU CUGAUGAG GCCGUUAGGC CGAA IGUGAGCC	
5025	GGCUCACC A AUAGUGGA	2342		17650
5035	UAGUGGAC A AAAACGGU	2343	ACCGUUUU CUGAUGAG GCCGUUAGGC CGAA IUCCACUA	17651
5057	GAUUGGGC U UUAUGGCA	2344	UGCCAUAA CUGAUGAG GCCGUUAGGC CGAA ICCCAAUC	17652
5065	UUUAUGGC A AUGGAGUC	2345	GACUCCAU CUGAUGAG GCCGUUAGGC CGAA ICCAUAAA	17653
5074	AUGGAGUC A UAAUGCCC	2346	GGGCAUUA CUGAUGAG GCCGUUAGGC CGAA IACUCCAU	17654
5081	CAUAAUGC C CAACGGCU	2347	AGCCGUUG CUGAUGAG GCCGUUAGGC CGAA ICAUUAUG	17655
5082	AUAAUGCC C AACGGCUC	2348	GAGCCGUU CUGAUGAG GCCGUUAGGC CGAA IGCAUUAU	17656
5083	UAAUGCCC A ACGGCUCA	2349	UGAGCCGU CUGAUGAG GCCGUUAGGC CGAA IGGCAUUA	17657
5089	CCAACGGC U CAUACAUA	2350	UAUGUAUG CUGAUGAG GCCGUUAGGC CGAA ICCGUUGG	17658
5091	AACGGCUC A UACAUAAG	2351	CUUAUGUA CUGAUGAG GCCGUUAGGC CGAA IAGCCGUU	17659
5095	GCUCAUAC A UAAGCGCG	2352	CGCGCUUA CUGAUGAG GCCGUUAGGC CGAA IUAUGAGC	17660
5111	GAUAGUGC A GGGUGAAA	2353	UUUCACCC CUGAUGAG GCCGUUAGGC CGAA ICACUAUC	17661
5132	GGAUGAGC C AAUCCCAG	2354	CUGGGAUU CUGAUGAG GCCGUUAGGC CGAA ICUCAUCC	17662
5133	GAUGAGCC A AUCCCAGC	2355	GCUGGGAU CUGAUGAG GCCGUUAGGC CGAA IGCUCAUC	17663
			UCCGCUG CUGAUGAG GCCGUUAGGC CGAA IAUUGGCU	17664
5137	AGCCAAUC C CAGCCGGA	2356		
5138	GCCAAUCC C AGCCGGAU	2357	AUCCGGCU CUGAUGAG GCCGUUAGGC CGAA IGAUUGGC	17665
5139	CCAAUCCC A GCCGGAUU	2358	AAUCCGGC CUGAUGAG GCCGUUAGGC CGAA IGGAUUGG	17666
5142	AUCCCAGC C GGAUUCGA	2359	UCGAAUCC CUGAUGAG GCCGUUAGGC CGAA ICUGGGAU	17667
5153	AUUCGAAC C UGAGAUGC	2360	GCAUCUCA CUGAUGAG GCCGUUAGGC CGAA IUUCGAAU	17668
5154	UUCGAACC U GAGAUGCU	2361	AGCAUCUC CUGAUGAG GCCGUUAGGC CGAA IGUUCGAA	17669
5162	UGAGAUGC U GAGGAAAA	2362	UUUUCCUC CUGAUGAG GCCGUUAGGC CGAA ICAUCUCA	17670
5174	GAAAAAAC A GAUCACUG	2363	CAGUGAUC CUGAUGAG GCCGUUAGGC CGAA IUUUUUUC	17671
5179	AACAGAUC A CUGUACUG	2364	CAGUACAG CUGAUGAG GCCGUUAGGC CGAA IAUCUGUU	17672
5181	CAGAUCAC U GUACUGGA	2365	UCCAGUAC CUGAUGAG GCCGUUAGGC CGAA IUGAUCUG	17673
5186	CACUGUAC U GGAUCUCC	2366	GGAGAUCC CUGAUGAG GCCGUUAGGC CGAA IUACAGUG	17674
5192	ACUGGAUC U CCAUCCCG	2367	CGGGAUGG CUGAUGAG GCCGUUAGGC CGAA IAUCCAGU	17675
5194	UGGAUCUC C AUCCCGGC	2368	GCCGGGAU CUGAUGAG GCCGUUAGGC CGAA IAGAUCCA	17676
5195	GGAUCUCC A UCCCGGCG	2369	CGCCGGGA CUGAUGAG GCCGUUAGGC CGAA IGAGAUCC	17677
5198	UCUCCAUC C CGGCGCCG	2370	CGGCGCCG CUGAUGAG GCCGUUAGGC CGAA IAUGGAGA	17678
5199	CUCCAUCC C GGCGCCGG	2371	CCGGCGCC CUGAUGAG GCCGUUAGGC CGAA IGAUGGAG	17679
5205	CCCGGCGC C GGUAAAAC	2372	GUUUUACC CUGAUGAG GCCGUUAGGC CGAA ICGCCGGG	17680
	GGUAAAAC A AGGAGGAU	2373	AUCCUCCU CUGAUGAG GCCGUUAGGC CGAA IUUUUACC	17681
5214~ 5225	GAGGAUUC U GCCACAGA	2374	UCUGUGGC CUGAUGAG GCCGUUAGGC CGAA IAAUCCUC	17682
5228		2374	UGAUCUGU CUGAUGAG GCCGUUAGGC CGAA IAACCCUC	17683
	GAUUCUGC C ACAGAUCA			
5229	AUUCUGCC A CAGAUCAU	2376	AUGAUCUG CUGAUGAG GCCGUUAGGC CGAA IGCAGAAU	17684
5231	UCUGCCAC A GAUCAUCA	2377	UGAUGAUC CUGAUGAG GCCGUUAGGC CGAA IUGGCAGA	17685
5236	CACAGAUC A UCAAAGAG	2378	CUCUUUGA CUGAUGAG GCCGUUAGGC CGAA IAUCUGUG	17686
5239	AGAUCAUC A AAGAGGCC	2379	GGCCUCUU CUGAUGAG GCCGUUAGGC CGAA IAUGAUCU	17687
5247	AAAGAGGC C AUAAACAG	2380	CUGUUUAU CUGAUGAG GCCGUUAGGC CGAA ICCUCUUU	17688
5248	AAGAGGCC A UAAACAGA	2381	UCUGUUUA CUGAUGAG GCCGUUAGGC CGAA IGCCUCUU	17689
5254	CCAUAAAC A GAAGACUG	2382	CAGUCUUC CUGAUGAG GCCGUUAGGC CGAA IUUUAUGG	17690
5261	CAGAAGAC U GAGAACAG	2383	CUGUUCUC CUGAUGAG GCCGUUAGGC CGAA IUCUUCUG	17691
5268	CUGAGAAC A GCCGUGCU	2384	AGCACGGC CUGAUGAG GCCGUUAGGC CGAA IUUCUCAG	17692
5271	AGAACAGC C GUGCUAGC	2385	GCUAGCAC CUGAUGAG GCCGUUAGGC CGAA ICUGUUCU	17693
5276	AGCCGUGC U AGCACCAA	2386	UUGGUGCU CUGAUGAG GCCGUUAGGC CGAA ICACGGCU	17694
5280	GUGCUAGC A CCAACCAG	2387	CUGGUUGG CUGAUGAG GCCGUUAGGC CGAA ICUAGCAC	17695
5282	GCUAGCAC C AACCAGGG	2388	CCCUGGUU CUGAUGAG GCCGUUAGGC CGAA IUGCUAGC	17696
5283	CUAGCACC A ACCAGGGU	2389	ACCCUGGU CUGAUGAG GCCGUUAGGC CGAA IGUGCUAG	17697
5286	GCACCAAC C AGGGUUGU	2390	ACAACCCU CUGAUGAG GCCGUUAGGC CGAA IUUGGUGC	17698
5287	CACCAACC A GGGUUGUG	2391	CACAACCC CUGAUGAG GCCGUUAGGC CGAA IGUUGGUG	17699
5298	GUUGUGGC U GCUGAGAU	2392	AUCUCAGC CUGAUGAG GCCGUUAGGC CGAA ICCACAAC	
3676	COOGGGC O GCOGAGAO	6336	ACCOUNCE COGNOGNE GCCGOONGGC CGAN ICCACANC	17700

5231	UCUGCCAC A GAUCAUCA	2377	UGAUGAUC CUGAUGAG GCCGUUAGGC CGAA IUGGCAGA	17685
5236	CACAGAUC A UCAAAGAG	2378	CUCUUUGA CUGAUGAG GCCGUUAGGC CGAA IAUCUGUG	17686
5239	AGAUCAUC A AAGAGGCC	2379	GGCCUCUU CUGAUGAG GCCGUUAGGC CGAA IAUGAUCU	17687
5247	AAAGAGGC C AUAAACAG	2380	CUGUUUAU CUGAUGAG GCCGUUAGGC CGAA ICCUCUUU	17688
5248	AAGAGGCC A UAAACAGA	2381	UCUGUUUA CUGAUGAG GCCGUUAGGC CGAA IGCCUCUU	17689
5254	CCAUAAAC A GAAGACUG	2382	CAGUCUUC CUGAUGAG GCCGUUAGGC CGAA IUUUAUGG	17690
				17691
5261	CAGAAGAC U GAGAACAG	2383		
5268	CUGAGAAC A GCCGUGCU	2384	AGCACGGC CUGAUGAG GCCGUUAGGC CGAA IUUCUCAG	17692
5271	AGAACAGC C GUGCUAGC	2385	GCUAGCAC CUGAUGAG GCCGUUAGGC CGAA ICUGUUCU	17693
5276	AGCCGUGC U AGCACCAA	2386	UUGGUGCU CUGAUGAG GCCGUUAGGC CGAA ICACGGCU	17694
5280	GUGCUAGC A CCAACCAG	2387	CUGGUUGG CUGAUGAG GCCGUUAGGC CGAA ICUAGCAC	17695
5282	GCUAGCAC C AACCAGGG	2388	CCCUGGUU CUGAUGAG GCCGUUAGGC CGAA IUGCUAGC	17696
5283	CUAGCACC A ACCAGGGU	2389	ACCCUGGU CUGAUGAG GCCGUUAGGC CGAA IGUGCUAG	17697
5286	GCACCAAC C AGGGUUGU	2390	ACAACCCU CUGAUGAG GCCGUUAGGC CGAA IUUGGUGC	17698
5287	CACCAACC A GGGUUGUG	2391	CACAACCC CUGAUGAG GCCGUUAGGC CGAA IGUUGGUG	17699
5298	GUUGUGGC U GCUGAGAU	2392	AUCUCAGC CUGAUGAG GCCGUUAGGC CGAA ICCACAAC	17700
5301	GUGGCUGC U GAGAUGGC	2393	GCCAUCUC CUGAUGAG GCCGUUAGGC CGAA ICAGCCAC	17701
5310	GAGAUGGC U GAAGCACU	2394	AGUGCUUC CUGAUGAG GCCGUUAGGC CGAA ICCAUCUC	17702
		2395	CCUCUCAG CUGAUGAG GCCGUUAGGC CGAA ICUUCAGC	17703
5316 5318	GCUGAAGC A CUGAGAGG UGAAGCAC U GAGAGGAC	2396	GUCCUCUC CUGAUGAG GCCGUUAGGC CGAA IUGCUUCA	17704
5327	GAGAGGAC U GCCCAUCC	2397	GGAUGGGC CUGAUGAG GCCGUUAGGC CGAA IUCCUCUC	17705
5330	AGGACUGC C CAUCCGGU	2398	ACCGGAUG CUGAUGAG GCCGUUAGGC CGAA ICAGUCCU	17706
5331	GGACUGCC C AUCCGGUA	2399	UACCGGAU CUGAUGAG GCCGUUAGGC CGAA IGCAGUCC	17707
5332	GACUGCCC A UCCGGUAC	2400	GUACCGGA CUGAUGAG GCCGUUAGGC CGAA IGGCAGUC	17708
5335	UGCCCAUC C GGUACCAG	2401	CUGGUACC CUGAUGAG GCCGUUAGGC CGAA IAUGGGCA	17709
5341	UCCGGUAC C AGACAUCC	2402	GGAUGUCU CUGAUGAG GCCGUUAGGC CGAA IUACCGGA	17710
5342	CCGGUACC A GACAUCCG	2403	CGGAUGUC CUGAUGAG GCCGUUAGGC CGAA IGUACCGG	17711
5346	UACCAGAC A UCCGCAGU	2404	ACUGCGGA CUGAUGAG GCCGUUAGGC CGAA IUCUGGUA	17712
5349	CAGACAUC C GCAGUGCC	2405	GGCACUGC CUGAUGAG GCCGUUAGGC CGAA IAUGUCUG	17713
5352	ACAUCCGC A GUGCCCAG	2406	CUGGGCAC CUGAUGAG GCCGUUAGGC CGAA ICGGAUGU	17714
5357	CGCAGUGC C CAGAGAAC	2407	GUUCUCUG CUGAUGAG GCCGUUAGGC CGAA ICACUGCG	17715
5358	GCAGUGCC C AGAGAACA	2408	UGUUCUCU CUGAUGAG GCCGUUAGGC CGAA IGCACUGC	17716
5359	CAGUGCCC A GAGAACAU	2409	AUGUUCUC CUGAUGAG GCCGUUAGGC CGAA IGGCACUG	17717
5366	CAGAGAAC A UAAUGGAA	2410	UUCCAUUA CUGAUGAG GCCGUUAGGC CGAA IUUCUCUG	17718
	UUGAUGUC A UGUGUCAU	2411	AUGACACA CUGAUGAG GCCGUUAGGC CGAA IACAUCAA	
5392				17719
5399	CAUGUGUC A UGCUACCC	2412	GGGUAGCA CUGAUGAG GCCGUUAGGC CGAA IACACAUG	17720
5403	UGUCAUGC U ACCCUCAC	2413	GUGAGGGU CUGAUGAG GCCGUUAGGC CGAA ICAUGACA	17721
5406	CAUGCUAC C CUCACCCA	2414	UGGGUGAG CUGAUGAG GCCGUUAGGC CGAA IUAGCAUG	17722
5407	AUGCUACC C UCACCCAC	2415	GUGGGUGA CUGAUGAG GCCGUUAGGC CGAA IGUAGCAU	17723
5408	UGCUACCC U CACCCACA	2416	UGUGGGUG CUGAUGAG GCCGUUAGGC CGAA IGGUAGCA	17724
5410	CUACCCUC A CCCACAGG	2417	CCUGUGGG CUGAUGAG GCCGUUAGGC CGAA IAGGGUAG	17725
5412	ACCCUCAC C CACAGGCU	2418	AGCCUGUG CUGAUGAG GCCGUUAGGC CGAA IUGAGGGU	17726
5413	CCCUCACC C ACAGGCUG	2419	CAGCCUGU CUGAUGAG GCCGUUAGGC CGAA IGUGAGGG	17727
5414	CCUCACCC A CAGGCUGA	2420	UCAGCCUG CUGAUGAG GCCGUUAGGC CGAA IGGUGAGG	17728
5416	UCACCCAC A GGCUGAUG	2421	CAUCAGCC CUGAUGAG GCCGUUAGGC CGAA IUGGGUGA	17729
5420	CCACAGGC U GAUGUCUC	2422	GAGACAUC CUGAUGAG GCCGUUAGGC CGAA ICCUGUGG	17730
5427	CUGAUGUC U CCUCACAG	2423	CUGUGAGG CUGAUGAG GCCGUUAGGC CGAA IACAUCAG	17731
5429	GAUGUCUC C UCACAGGG	2424	CCCUGUGA CUGAUGAG GCCGUUAGGC CGAA IAGACAUC	17732
5430	AUGUCUCC U CACAGGGU	2425	ACCCUGUG CUGAUGAG GCCGUUAGGC CGAA IGAGACAU	17733
5432	GUCUCCUC A CAGGGUGC	2426	GCACCCUG CUGAUGAG GCCGUUAGGC CGAA IAGGAGAC	17734
5434	CUCCUCAC A GGGUGCCG	2427	CGGCACCC CUGAUGAG GCCGUUAGGC CGAA IUGAGGAG	17735
	CAGGGUGC C GAACUACA		UGUAGUUC CUGAUGAG GCCGUUAGGC CGAA ICACCCUG	
5441		2428	 	17736
5446	UGCCGAAC U ACAACCUG	2429	CAGGUUGU CUGAUGAG GCCGUUAGGC CGAA IUUCGGCA	17737
5449	CGAACUAC A ACCUGUUC	2430	GAACAGGU CUGAUGAG GCCGUUAGGC CGAA IUAGUUCG	17738
5452	ACUACAAC C UGUUCGUG	2431	CACGAACA CUGAUGAG GCCGUUAGGC CGAA IUUGUAGU	17739
5453	CUACAACC U GUUCGUGA	2432	UCACGAAC CUGAUGAG GCCGUUAGGC CGAA IGUUGUAG	17740
5472	GAUGAGGC U CAUUUCAC	2433	GUGAAAUG CUGAUGAG GCCGUUAGGC CGAA ICCUCAUC	17741
5474	UGAGGCUC A UUUCACCG	2434	CGGUGAAA CUGAUGAG GCCGUUAGGC CGAA IAGCCUCA	17742
5479	CUCAUUUC A CCGACCCA	2435	UGGGUCGG CUGAUGAG GCCGUUAGGC CGAA IAAAUGAG	17743
5481	CAUUUCAC C GACCCAGC	2436	GCUGGGUC CUGAUGAG GCCGUUAGGC CGAA IUGAAAUG	17744
5485	UCACCGAC C CAGCUAGC	2437	GCUAGCUG CUGAUGAG GCCGUUAGGC CGAA IUCGGUGA	17745

Table IV

5486	CACCGACC C AGCUAGCA	2438	UGCUAGCU CUGAUGAG GCCGUUAGGC CGAA IGUCGGUG	17746
5487	ACCGACCC A GCUAGCAU	2439	AUGCUAGC CUGAUGAG GCCGUUAGGC CGAA IGGUCGGU	17747
5490	GACCCAGC U AGCAUUGC	2440	GCAAUGCU CUGAUGAG GCCGUUAGGC CGAA ICUGGGUC	17748
	CAGCUAGC A UUGCAGCA	2441	UGCUGCAA CUGAUGAG GCCGUUAGGC CGAA ICUAGCUG	
5494				17749
5499	AGCAUUGC A GCAAGAGG	2442	CCUCUUGC CUGAUGAG GCCGUUAGGC CGAA ICAAUGCU	17750
5502	AUUGCAGC A AGAGGUUA	2443	UAACCUCU CUGAUGAG GCCGUUAGGC CGAA ICUGCAAU	17751
5512	GAGGUUAC A UUUCCACA	2444	UGUGGAAA CUGAUGAG GCCGUUAGGC CGAA IUAACCUC	17752
5517	UACAUUUC C ACAAAGGU	2445	ACCUUUGU CUGAUGAG GCCGUUAGGC CGAA IAAAUGUA	17753
5518	ACAUUUCC A CAAAGGUC	2446	GACCUUUG CUGAUGAG GCCGUUAGGC CGAA IGAAAUGU	17754
5520	AUUUCCAC A AAGGUCGA	2447	UCGACCUU CUGAUGAG GCCGUUAGGC CGAA IUGGAAAU	17755
5531	GGUCGAGC U AGGGGAGG	2448	CCUCCCU CUGAUGAG GCCGUUAGGC CGAA ICUCGACC	17756
5547	GCGGCGGC A AUAUUCAU	2449	AUGAAUAU CUGAUGAG GCCGUUAGGC CGAA ICCGCCGC	17757
5554	CAAUAUUC A UGACAGCC	2450	GGCUGUCA CUGAUGAG GCCGUUAGGC CGAA IAAUAUUG	17758
5559	UUCAUGAC A GCCACCCC	2451	GGGGUGGC CUGAUGAG GCCGUUAGGC CGAA IUCAUGAA	17759
5562	AUGACAGC C ACCCCACC	2452	GGUGGGGU CUGAUGAG GCCGUUAGGC CGAA ICUGUCAU	17760
5563	UGACAGCC A CCCCACCA	2453	UGGUGGGG CUGAUGAG GCCGUUAGGC CGAA IGCUGUCA	17761
5565	ACAGCCAC C CCACCAGG	2454	CCUGGUGG CUGAUGAG GCCGUUAGGC CGAA IUGGCUGU	17762
5566	CAGCCACC C CACCAGGC	2455	GCCUGGUG CUGAUGAG GCCGUUAGGC CGAA IGUGGCUG	17763
5567	AGCCACCC C ACCAGGCA	2456	UGCCUGGU CUGAUGAG GCCGUUAGGC CGAA IGGUGGCU	17764
5568	GCCACCCC A CCAGGCAC	2457	GUGCCUGG CUGAUGAG GCCGUUAGGC CGAA IGGGUGGC	17765
5570	CACCCCAC C AGGCACUU	2458	AAGUGCCU CUGAUGAG GCCGUUAGGC CGAA IUGGGGUG	17766
5571	ACCCCACC A GGCACUUC	2459	GAAGUGCC CUGAUGAG GCCGUUAGGC CGAA IGUGGGGU	17767
5575	CACCAGGC A CUUCAGAU	2460	AUCUGAAG CUGAUGAG GCCGUUAGGC CGAA ICCUGGUG	17768
5577	CCAGGCAC U UCAGAUCC	2461	GGAUCUGA CUGAUGAG GCCGUUAGGC CGAA IUGCCUGG	17769
5580	GGCACUUC A GAUCCAUU	2462	AAUGGAUC CUGAUGAG GCCGUUAGGC CGAA IAAGUGCC	17770
5585	UUCAGAUC C AUUCCCAG	2463	CUGGGAAU CUGAUGAG GCCGUUAGGC CGAA IAUCUGAA	17771
5586	UCAGAUCC A UUCCCAGA	2464	UCUGGGAA CUGAUGAG GCCGUUAGGC CGAA IGAUCUGA	17772
5590	AUCCAUUC C CAGAGUCC	2465	GGACUCUG CUGAUGAG GCCGUUAGGC CGAA IAAUGGAU	17773
5591	UCCAUUCC C AGAGUCCA	2466	UGGACUCU CUGAUGAG GCCGUUAGGC CGAA IGAAUGGA	17774
5592	CCAUUCCC A GAGUCCAA	2467	UUGGACUC CUGAUGAG GCCGUUAGGC CGAA IGGAAUGG	17775
5598	CCAGAGUC C AAUUCACC	2468	GGUGAAUU CUGAUGAG GCCGUUAGGC CGAA IACUCUGG	17776
5599	CAGAGUCC A AUUCACCA	2469	UGGUGAAU CUGAUGAG GCCGUUAGGC CGAA IGACUCUG	17777
5604	UCCAAUUC A CCAAUUUC	2470	GAAAUUGG CUGAUGAG GCCGUUAGGC CGAA IAAUUGGA	17778
5606	CAAUUCAC C AAUUUCCG	2471	CGGAAAUU CUGAUGAG GCCGUUAGGC CGAA IUGAAUUG	17779
5607	AAUUCACC A AUUUCCGA	2472	UCGGAAAU CUGAUGAG GCCGUUAGGC CGAA IGUGAAUU	17780
5613	CCAAUUUC C GACUUACA	2473	UGUAAGUC CUGAUGAG GCCGUUAGGC CGAA IAAAUUGG	17781
5617	UUUCCGAC U UACAGACU	2474	AGUCUGUA CUGAUGAG GCCGUUAGGC CGAA IUCGGAAA	17782
5621	CGACUUAC A GACUGAGA	2475	UCUCAGUC CUGAUGAG GCCGUUAGGC CGAA IUAAGUCG	17783
5625	UUACAGAC U GAGAUCCC	2476	GGGAUCUC CUGAUGAG GCCGUUAGGC CGAA IUCUGUAA	17784
5632	CUGAGAUC C CGGAUCGA	2477	UCGAUCCG CUGAUGAG GCCGUUAGGC CGAA IAUCUCAG	17785
5633	UGAGAUCC C GGAUCGAG	2478	CUCGAUCC CUGAUGAG GCCGUUAGGC CGAA IGAUCUCA	17786
5643	GAUCGAGC U UGGAACUC	2479	GAGUUCCA CUGAUGAG GCCGUUAGGC CGAA ICUCGAUC	17787
5650	CUUGGAAC U CUGGAUAC	2480	GUAUCCAG CUGAUGAG GCCGUUAGGC CGAA IUUCCAAG	17788
5652	UGGAACUC U GGAUACGA	2481	UCGUAUCC CUGAUGAG GCCGUUAGGC CGAA IAGUUCCA	17789
5668	AAUGGAUC A CAGAAUAC	2482	GUAUUCUG CUGAUGAG GCCGUUAGGC CGAA IAUCCAUU	17790
5670	UGGAUCAC A GAAUACAC	2483	GUGUAUUC CUGAUGAG GCCGUUAGGC CGAA IUGAUCCA	17791
5677	CAGAAUAC A CCGGGAAG	2484	CUUCCCGG CUGAUGAG GCCGUUAGGC CGAA IUAUUCUG	17792
5679	GAAUACAC C GGGAAGAC	2485	GUCUUCCC CUGAUGAG GCCGUUAGGC CGAA IUGUAUUC	17793
5702	GUUUGUGC C UAGUGUCA	2486	UGACACUA CUGAUGAG GCCGUUAGGC CGAA ICACAAAC	17794
5703	UUUGUGCC U AGUGUCAA	2487	UUGACACU CUGAUGAG GCCGUUAGGC CGAA IGCACAAA	17795
5710	CUAGUGUC A AGAUGGGG	2488	CCCCAUCU CUGAUGAG GCCGUUAGGC CGAA IACACUAG	17796
5730	GAGAUUGC C CUUUGCCU	2489	AGGCAAAG CUGAUGAG GCCGUUAGGC CGAA ICAAUCUC	17797
5731	AGAUUGCC C UUUGCCUA	2490	UAGGCAAA CUGAUGAG GCCGUUAGGC CGAA IGCAAUCU	17798
5732	GAUUGCCC U UUGCCUAC	2491	GUAGGCAA CUGAUGAG GCCGUUAGGC CGAA IGGCAAUC	17799
5737	CCCUUUGC C UACAACGU	2492	ACGUUGUA CUGAUGAG GCCGUUAGGC CGAA ICAAAGGG	17800
5738	CCUUUGCC U ACAACGUG	2493	CACGUUGU CUGAUGAG GCCGUUAGGC CGAA IGCAAAGG	17801
5741	UUGCCUAC A ACGUGCUG	2494	CAGCACGU CUGAUGAG GCCGUUAGGC CGAA IUAGGCAA	17802
5748	CAACGUGC U GGAAAGAA	2495	UUCUUUCC CUGAUGAG GCCGUUAGGC CGAA ICACGUUG	17803
5764	AAGUAGUC C AAUUGAAC	2496	GUUCAAUU CUGAUGAG GCCGUUAGGC CGAA IACUACUU	17804
5765	AGUAGUCC A AUUGAACA	2497	UGUUCAAU CUGAUGAG GCCGUUAGGC CGAA IGACUACU	17805
5773	AAUUGAAC A GAAAGUCG	2498	CGACUUUC CUGAUGAG GCCGUUAGGC CGAA IUUCAAUU	17806

1978 GANGUIACC ANALYSINA 2500 UACAUTUU GUANIGIAG GCCGULAGEC COAA (GUACUCC 1760)					
\$2501 UNICADED A ANAUSTIAN 2501 UNICADITUD CURAINING SCOSIULAGEC COAN 1500LADUS 17809	5797	CGGAGUAC C CAAAAUGU	2499	ACAUUUUG CUGAUGAG GCCGUUAGGC CGAA IUACUCCG	17807
1993 10000000 100000000 1992 100000000 10000000 10000000 10000000 10000000 10000000 10000000 10000000 10000000 10000000 10000000 10000000 10000000 10000000 10000000 10000000 10000000 10000000 10000000 100000000	5798				
1933 UNIGUIDADE A CARCAGACA 2594 ANGUEGUE CUARAGAG GECCULARGOS CARA TUBLIDADE 17812 1938 ANUCACARC A GACANDALO 2595 GAURIGUE CUARAGAG GECCULARGOS CARA TUBLIDADE 17812 1938 ANUCACARC A GACANDALO 2595 GAURIGUE CUARAGAG GECCULARGOS CARA TUBLIDADE 17814 1934 CARCAGAC A UNAUCHAGA 2596 CUARAGAG CUARAGAG GECCULARGOS CARA TUBLIDADE 17815 1934 CARCAGAC A UNAUCHAGA 2596 CUARAGAG CUARAGAG GECCULARGOS CARA TUBLIDADE 17815 1935 ANUGAGAG C DA ACUUCAA 2598 CUCACAGAC CUARAGAG GECCULARGOS CARA TUBLIDADE 17815 1936 ANUGACACA A RAGGAGAG 2599 GACCULAR CUARAGAG GECCULARGOS CARA TUBLIDADE 17815 1936 CUARACULA A RAGGAGAG 2510 GACCULAR CUARAGAG GECCULARGOS CARA TUBLIDADE 17815 1936 CUARACULA A RAGGAGAG 2510 GACCULAR CUARAGAG GECCULARGOS CARA TUBLIDADE 17815 1937 MAGGACAG C GARAGAGU 2511 ANUCACAC CUARAGAG GECCULARGOS CARA TUBLIDADE 17815 1939 UUGACAGA C GAGAGAGU 2511 ANUCACAC CUARAGAG GECCULARGOS CARA TUBLIDADE 17815 1939 TUGARAGAG C GARAGAGU 2513 ANUGULAC CUARAGAG GECCULARGOS CARA TUBLIDADE 17815 1930 TUGARAGAC A ACCAUCA 2514 BAURGAGU CUARAGAG GECCULARGOS CARA TUBLIDADE 17815 1930 TUGARACC A ACCAUCA 2514 BAURGAGU CUARAGAG GECCULARGOS CARA TUBLIDADE 17815 1931 ANUCACAC C AUCHARAGA 2516 GUURIGAG CUARAGAG GECCULARGOS CARA TUBLIDADE 17815 1931 ANUCACAC C AUCHARAGA 2518 BAURIGAGU CUARAGAG GECCULARGOS CARA TUBLIDADE 17815 1931 ANUCACAC C AUCHARAGA 2519 UNICICAL CUARAGAG CECCULARGOS CARA TUBLIDADE 17815 1931 ANUCACAC C AUCHARAGA 2519 UNICICAL CUARAGAG GECCULARGOS CARA TUBLIDADE 17815 1931 ANUCACAC A URACAGAA 2519 UNICICAL CUARAGAG GECCULARGOS CARA TUBLIDADE 17815 1931 ANUCACAC A URACAGAA 2519 UNICICAL CUARAGAG GECCULARGOS CARA TUBLIDADE 17815 1931 ANUCACAC A URACAGAA 2519 UNICICAL CUARAGAG GECCULARGOS CARA TUBLIDADE 17816 1931 ANUCACAC A URACAGAA 2519 UNICICAL CUARAGAG GECCULARGOS CARA TUBLIDADE 17816 1931 ANUCACAC A URAC	5799				
5935 GIUDAICAC A ACCARACAIL 2594 ANGUCUGU CUGARGAG GCCUULAGGC CAA TUGAIDAC 17812 5847 CAACARAC A UAUCUGAA 2506 GRUBAUGU CUGARGAG GCCUULAGGC CAA TUGAIDAC 17814 5847 GACADAGC A UAUCUGAA 2506 UUCARADA CUGAUGAG GCCUULAGGC CAA TUGUIGUI 17814 5847 GACADAGC A UAUCUGAA 2508 UUCARADA CUGAUGAG GCCUULAGGC CAA TUGUIGUI 17814 5859 AUGUGAA 2508 UUCARAGCU CUGAUGAG GCCUULAGGC CAA TUGUIGUI 17816 5863 GOGCUBAC U UCARGGCG 2509 UUCARGAGA GCCGUULAGGC CAA TUGUIGUI 17816 5866 CUARCUUC A AGGGCG 2510 GCUGGCU CUGAUGAG GCCGUULAGGC CAA TUGUICAC 17816 5875 AGGCAGC A GGGUGAUU 2511 AUUCACCC CUGAUGAG GCCGUULAGGC CAA TUGUICAC 17816 5887 UGAUGUAG A GCGGAGA 2512 CUUCAGGC CUGAUGAG GCCGUULAGGC CAA TUGUICAC 17826 5897 UUGAUGAC C GGACAGAG 2512 CUUCAGGC CUGAUGAG GCCGUULAGGC CAA TUGUICAC 17826 5896 UUGACAGC C GGACAGAG 2512 CUUCAGGC CUGAUGAG GCCGUULAGGC CAA TUGUICAC 17820 5896 UUGACAGC C GGACAGAG 2513 UUGAUGAG CUGAUGAG GCCGUULAGGC CAA TUGUICAC 17820 5897 GUGAAACC A ACCAUCAU 2514 UUGAUGAG CUGAUGAG GCCGUULAGGC CAA TUGUICAC 17822 5997 ANDROACAC C ACCAUCAU 2515 GUULAGGA CUGAUGAG GCCGUULAGGC CAA TUGUICAC 17822 5991 AACCACC A UCAUGAG 2516 GUULAGGA CUGAUGAG GCCGUULAGGC CAA TUGUICAC 17822 5911 AACCACC A UCAUGAG 2517 UUCUAUGAG CUGAUGAG GCCGUULAGGC CAA TUGUICAC 17822 5911 AACCACC A UCAUGAG 2519 UUCUCAC CUGAUGAG GCCGUULAGGC CAA TUGUICAC 17822 5911 AACCACC A UCAUGAG 2519 UUCUCAC CUGAUGAG GCCGUULAGGC CAA TUGUICAC 17825 5911 AACCACC A UCAUGAG 2521 UUCUCCAC CUGAUGAG GCCGUULAGGC CAA TUGUICAC 17826 5911 AACCACC A UCAUGAGA 2521 UUCUCCAC CUGAUGAG GCCGUULAGGC CAA TUGUICAC 17826 5912 AGGGAAC A UCUCCAG 2524 GUUCUGC CUGAUGAG GCCGUULAGGC CAA TUGUICAC 17826 5913 TUCAUGAC A CAGAGAG 2521 UUCUCCAC CUGAUGAG GCCGUULAGGC CAA TUGUICAC 17826 5914 CAGCAUGA A CAGCAC 2521 GUUCUGC CUGAUGAG GCCGUULAGGC CAA TUGUICAC 17826 5915 GGAGAAC A UCACCAG 2524 GUUCUGC	5824				
5914	5833				
5842 CAACAGAC A UNUCUGAA 2596 UUCAGAUA CUGAUGAG CCGUURAGC COAA IUUCIGUUG 17815	5835				
1985	5838		2505		
	5842	CAACAGAC A UAUCUGAA	2506		17814
5866 GOGCURAC U UCANGGCO 2599 COCCUUGA CUGANUGAG GCCGUURAGCC CARA ITALGCCC 17817-	5847	GACAUAUC U GAAAUGGG	2507	CCCAUUUC CUGAUGAG GCCGUUAGGC CGAA IAUAUGUC	17815
5865	5859	AUGGGGGC U AACUUCAA	2508	UUGAAGUU CUGAUGAG GCCGUUAGGC CGAA ICCCCCAU	17816
5875 AGGCQAGC A GGGUGAUU 2511 ANUCACC CUGAUGAG GCGUUNAGC CAA ICUCACCU 17819 5887 UQAUUGACAC C GGAAGAG 2512 CUUCCGGC CUGAUGAG GCGUUNAGG CGAA ICUCAUCA 17820 5990 UUGACAAC C GGAAGAGU 2513 ACUCUUCC CUGAUGAG GCGUUNAGG CGAA ICUCAUCA 17821 17820	5863	GGGCUAAC U UCAAGGCG	2509	CGCCUUGA CUGAUGAG GCCGUUAGGC CGAA IUUAGCCC	17817
5887 UGADUGAC A GCCGGAAG 2512 CUUCCGGC CUGAUGAG GCGUUAGGC CGAA IUCANUCA 17820 5890 UGGARAC C AACCAUCA 2514 ACUGUUCC CUGAUGAG GCGUUAGGC CGAA IUUCACA 17821 5900 UGUGARAC C AACCAUCAU 2515 ACUGUUCC CUGAUGAG GCGUUAGGC CGAA IUUUCACA 17823 5907 GUGARACC A ACCAUCAU 2515 AUGAUGAU CUGAUGAG GCGUUAGGC CGAA IUUUCACA 17823 5910 AACCAC C AUCAUAAC 2516 AUGAUGAU CUGAUGAG GCGAA IUUGGUU 17824 5911 AACCACC A UGAUAACA 2517 UGUUAGA CUGAUGAG GCGAA IUUGGUU 17824 5912 AACCAAC A UACACAA 2518 UUCUGUU CUGAUGAG GCGUUAGGC CGAA IUUGGUU 17825 5913 AUCAMAC A GAAGGAA 2519 UUCUCCU CUGAUGAG GCGUUAGGC CGAA IUUGAUGAU 17825 5914 AGGUALCC U GGGAGAA 2519 UUCUCCC CUGAUGAG GCGUUAGGC CGAA IUUGAGAU 17828 5914 AGGUALCC U GGGAGAAC 2512 UUCUCCC CUGAUGAG GCGUUAGGC CGAA IUUCUCCC LUGAUGAG GCGGUUAGGC CGAA IUUCUCCC 17828 5951 GGAGAGAC C AUCUGCAGU 2523 ACUGACAG CUGAGAUGA CGCGUUAGG GCGGUAGGCGAA ICUCCAGUAGGA CUGAUGAG GCGGUUAGGC CGAA IUUCUCCC 17830 5952 GGAGAGAC C AUCUGCAGU 2523 ACUGACGA CUGAUGAG GCGGUUAGGC CGAA IUGGUC CGGAA ICUCCAGAGA CUGAUGAG GCGGUUAGGC CGAA IUGGGUC CGAA ICUCAC CUGAUGAG CGCGUUAGGC CGAA ICUCAC TRAS CAACAC CUGAUGAG GCGGUUAGGC CGAA ICUCAC TRAS CAACAC CUGAUGAG CUGAUGAG GCGGUUAGGC CGAA ICUCAC TRAS CAACAC CUGAUGAG CUGAUGAG CGC	5866	CUAACUUC A AGGCGAGC	2510	GCUCGCCU CUGAUGAG GCCGUUAGGC CGAA IAAGUUAG	17818
1899 UTUGACAGC C GGAMGAGU 2513 ACUCUTICC CUGAUGAG GCCGULAGGC CGAA ICUTUCACA 17821	5875	AGGCGAGC A GGGUGAUU	2511	AAUCACCC CUGAUGAG GCCGUUAGGC CGAA ICUCGCCU	17819
5907 GUIGARAC C AACCAUCA 2514 UGAUGGUI CUGAUGAG GCGGUUAGGC CAA IUUUCACA 17822 5907 GUIGARAC C AACAUCAU 2515 AUGAUGGU CUGAUGAG GCGGUUAGGC CAA IUUUCACA 17823 5911 AACCARC C AUCAUAAC 2516 GUUAUGAG CUGAUGAG GCGGUUAGGC CAA IUUUCACA 17823 5911 AACCARC C AUCAUAACA 2518 UUCUUCUC CUGAUGAG GCGGUUAGGC CAA IUUUGAUU 17825 5911 AACCARC C AUCAUAACA 2518 UUCUUCCUC CUGAUGAG GCGGUUAGGC CAA IUUGUGGUU 17825 5911 AACCARC C AUCAUAACA 2518 UUCUUCCC CUGAUGAG GCGGUUAGGC CAA IUUGGUU 17825 5919 AUCAUAACA A GAAGGAG 2519 UUCUUCCC CUGAUGAG GCGGUUAGGC CAA IUUGGUU 17825 5914 CAACAGAA 2520 UUCUUCCC CUGAUGAG GCGGUUAGGC CAA IUUGAGU 17827 5941 GAGGAGAC CUGAGGAA 2520 UUCUUCCC CUGAUGAG GCCGUUAGGC CAA IUUAUGAU 17827 5942 AGUGAUCC U GGGAGAAC 2521 GUUCUCCC CUGAUGAG GCCGUUAGGC CAA IUUAUGAU 17828 5959 GGGAGAAC CUUCACAG 2522 CUGCAGAU CUGAUGAG GCGGUUAGGC CAA IUUCUCC 17830 5959 GGGAGAAC CUUCACAG 2523 CUGCAGAU CUGAUGAG GCGGUUAGGC CAA IUUCUCC 17830 5959 GAGAACC AU CUGACAGC 2523 CUGCAGA CUGAUGAG GCGGUUAGGC CAA IUUCUCC 17830 5959 GAGAACC AU CUGACAGC 2524 GUCACUGC CUGAUGAG GCCGUUAGGC CAA IUUCUCC 17831 5955 GAACCAUC GCGGUUAGG GCGAA IUUCUCC 17831 5955 GACCAUC GCGGUAGA CUGAUGAG GCGGUUAGGC CAA IUCACUC 17835 5956 CCAUCGC GCGGUAGA 2526 CUGACUGC CUGAUGAG GCCGUUAGGC CAA IUCACUC 17835 5957 ACGACAC ACCAACAC 2528 CUGACGGC CUGAUGAG GCCGUUAGGC CAA ICACACG 17835 5957 ACGACAC ACCAACAC 2530 CUGUCGGC CUGAUGAG GCCGUUAGGC CAA ICACACG 17835 5957 ACGACAC ACGACAC 2530 CUGUCGGC CUGAUGAG GCCGUUAGGC CAA ICACACG 17835 5957 ACGACAC AGGACG 2530 CUGUCGGC CUGAUGAG GCCGUUAGGC CAA ICACACG 17835 5957 ACGACAC AGGACG 2530 CAGGUCU CUGAUGAG GCCGUUAGGC CAA ICACACG 17835 5957 ACGACAC AGGACG 2530 CAGGUCU CUGAUGAG GCCGUUAGGC CAA ICACACG 17836 5957 AGUGCGCC AGGACG 2530 ACGACAC CUGAUGAG GCCGUUAGGC CAA ICACACG 17836 6008 UAGAANC C AGAAGAG	5887	UGAUUGAC A GCCGGAAG	2512	CUUCCGGC CUGAUGAG GCCGUUAGGC CGAA IUCAAUCA	17820
S907	5890	UUGACAGC C GGAAGAGU	2513	ACUCUUCC CUGAUGAG GCCGUUAGGC CGAA 1CUGUCAA	17821
\$910	5906	UGUGAAAC C AACCAUCA	2514	UGAUGGUU CUGAUGAG GCCGUUAGGC CGAA IUUUCACA	17822
5911 AACCAACC A UCAUAACA 2517 UGUUAUGA CUGAUGAG GCCGUUAGCC CGAA IGUUGGU 17825 5914 CAACCAUC A UAACAGAA 2518 UUCUCCUC CUGAUGAG GCCGUUAGCC CGAA IAUGUGUA 17826 5919 ALCAUAAC A GAAGGAA 2519 UCUCCUC CUGAUGAG GCCGUUAGCC CGAA IAUCACU 17827 5941 AGUGAUC C UGGAGAA 2520 UUCUCCC CUGAUGAG GCCGUUAGCC CGAA IAUCACU 17829 5952 AGUGAUC C UGGAGAA 2521 CUUCUCCA CUGAUGAG CCGUUAGGC CGAA IAUCUCCC 17830 5952 GAGAAAC A UCUGCAGU 2522 CUGAGAU CUGAUGAG CGAA IUUCUCCC 17831 5955 GAGCAUC U CACAGUGA 2524 GUCACUGC CUGAUGAG CCGUUAGC CGAA IUUCUCCC 17831 5956 GCACUAGC A GUGACGC 2525 GUGACUAC 17833 17833 5957 GUGACAGC A GCAGCUAG 2525 CUGACUGC CUGAUGAG GCCGUUAGC CGAA ICUCCUCC 17836 5970 ACACCAGC U AGUGACC 2528 GCGGCUCAGA 2529 CUCAGGAG CAAA	5907	GUGAAACC A ACCAUCAU	2515	AUGAUGGU CUGAUGAG GCCGUUAGGC CGAA IGUUUCAC	17823
S914 CARCCRUC A URACAGAR 2518 UUCUGUUA CUGAUGAG GCCGUUAGGC CGAA IAUGGUUG 17826	5910		2516	GUUAUGAU CUGAUGAG GCCGUUAGGC CGAA IUUGGUUU	17824
5914		AACCAACC A UCAUAACA	2517	UGUUAUGA CUGAUGAG GCCGUUAGGC CGAA IGUUGGUU	17825
S919 AUCAURAC A GAAGGAGA 2519 UCUCCUUC CUGAUGAG GCCGUUAGGC CGAA IUUAUGAU 17827	5914	CAACCAUC A UAACAGAA	2518	UUCUGUUA CUGAUGAG GCCGUUAGGC CGAA IAUGGUUG	17826
5941 GAGUGAUC C UGGGGAAA 2520 UUCUCCCA CUGAUGAG GCGGUUAGGC CGAA IAUCACUC 17825 5952 AGUGAGUC U GGGAGAAC 2521 GUUCUCCC CUGAUGAG GCCGUUAGGC CGAA IGAUCACU 17829 5951 GGGAGAAC C AUCUGCAGA 2522 CUGCAGAU CUGAUGAG GCCGUUAGGC CGAA IGAUCACU 17829 5952 GGAGAACC A UCUGCAGU 2522 ACUGCAGAU CUGAUGAG GCCGUUAGGC CGAA ITUUCUCCC 17830 5955 GAACCAUC U GCAGUGAC 2524 GUCACUGC CUGAUGAG GCCGUUAGGC CGAA IAUCUCCC 17831 5955 GAACCAUC U GCAGUGAC 2524 GUCACUGC CUGAUGAG GCCGUUAGGC CGAA ICACUGCC 17835 5956 CCAUCUGC A GUGACAGC 2525 GCUGUCAC CUGAUGAG GCCGUUAGGC CGAA ICACUGC 17835 5956 CCAUCUGC A GUGACAGC 2526 CUAGCUGC CUGAUGAG GCCGUUAGGC CGAA ICACUGC 17835 5957 GGGACAGC A GCUAGUGA 2526 CUAGCUGC CUGAUGAG GCCGUUAGGC CGAA ICACUGC 17835 5957 GGGACAGC A GCUAGGCC 2527 GCACUAGC CUGAUGAG GCCGUUAGGC CGAA ICACUGC 17835 5970 ACAGCAGC U AUGUCCCC 2528 GCGGCACU CUGAUGAG GCCGUUAGGC CGAA ICACUGC 17835 5970 ACAGCAGC U AUGUCCCC CAGAGACG 2529 CUCUGGGC CUGAUGAG GCCGUUAGGC CGAA ICACUAGC 17835 5979 ACUGCCCC C CAGAGACG 2530 CCUCUCUG CUGAUGAG GCCGUUAGGC CGAA ICACUAGC 17835 5979 ACUGCCCC C CAGAGACG 2530 CCUCUUG GUGAUGAG GCCGUUAGGC CGAA ICACUAGC 17835 5980 GUGCCGCC C AGAGACGU 2531 ACGUCUCU CUGAUGAG GCCGUUAGGC CGAA ICACUAGC 17836 6008 UAGAAAUC C CAGAGACG 2533 CCUUCUG CUGAUGAG GCCGUUAGGC CGAA IAUUCCUA 17846 6014 UCCGUCCG A AGUGCAGA 2533 CCUUCUG CUGAUGAG GCCGUUAGGC CGAA IAUUCCUA 17846 6014 UCCGUCCG A AGUGCAGA 2533 CUUCGGCC CUGAUGAG GCCGUUAGGC CGAA IAUUCCUA 17846 6014 UCCGUCCG A AGUGCAGA 2533 CUUCGGCC CUGAUGAG GCCGUUAGGC CGAA IAUUCCUA 17846 6014 UCGGGGGCC A AGUGCAGA 2531 CAUCUAG CUGAUGAG GCCGUUAGGC CGAA IUUCCUA 17846 6014 UCGGGGGCC A CAGAAUGA 2535 CAUCUAG CUGAUGAG GCCGUUAGGC CGAA IUUCCUA 17846 6014 UCGGGCGC A CAGAAUGA 2535 CAUCUAG CUGAUGAG GCCGUUAGGC CGAA IUUCCUA 17846 6014 UCGGCCCC A UUGGCC CAUCAGC CUGAUGAG CCGAA IUUCCUCA 17846 6014 CAUCAAC UU			2519	UCUCCUUC CUGAUGAG GCCGUUAGGC CGAA IUUAUGAU	17827
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6067 ACUCGAAC U UCGCCCAU 2539 AUGGGCGA CUGAUGAG CCGUUAGGC CGAA IUUCGAGU 17847 6072 AACUUCGC C CAUUGGAC 2540 GUCCAAU CUGAUGAG GCCGUUAGGC CGAA ICGAAGUU 17848 6073 ACUUCGCC AUUGGACU 2541 AGUCCAAU CUGAUGAG GCGUUAGGC CGAA IGCGAAGU 17849 6074 CUUCGCCC AUUGGACUG 2542 CAGUCCAA CUGAUGAG GCCGUUAGGC CGAA IGCGAAGU 17850 6081 CAUUGAGC U GAGCACG 2543 CGUGCCUC CUGAUGAG CCGAA IUCCAGU 17851 6087 ACUGAGC A CGAAUCAU 2544 AUGAUUCG CUGAUGAG CCGAA IUCCAGU 17853 6098 AAUCAUCA U GGACAACA 2546 UGUUGUCC CUGAUGAG CCGAA IAUCCAGCA 17854 6103 UGCUGGAC A ACAUCAAC 2547 GUUGAUGA CUGAUGAG CCGAA IUCCAGCA 17855					
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6112 ACAUCAAC A UGCCAAAC 2550 GUUUGGCA CUGAUGAG GCCGUUAGGC CGAA IUUGAUGU 17858 6116 CAACAUGC C AAACGGAC 2551 GUCCGUUU CUGAUGAG GCCGUUAGGC CGAA ICAUGUUG 17859 6117 AACAUGCC A AACGGACU 2552 AGUCCGUU CUGAUGAG GCCGUUAGGC CGAA IGCAUGUU 17860 6125 AAACGGAC U GAUCGCUC 2553 GAGCGAUC CUGAUGAG GCCGUUAGGC CGAA IUCCGUUU 17861 6132 CUGAUCGC U CAAUUCUA 2554 UAGAAUUG CUGAUGAG GCCGUUAGGC CGAA ICGAUCAG 17862 6134 GAUCGCUC A AUUCUACC 2555 GGUAGAAU CUGAUGAG GCCGUUAGGC CGAA IAGCGAUC 17863 6139 CUCAAUUC U ACCAACCA 2556 UGGUUGGU CUGAUGAG GCCGUUAGGC CGAA IAAUUGAG 17864 6142 AAUUCUAC C AACCAGAG 2557 CUCUGGUU CUGAUGAG GCCGUUAGGC CGAA IUAGAAUU 17865 6143 AUUCUACC A ACCAGAGC 2558 GCUCUGGU CUGAUGAG GCCGUUAGGC CGAA IUAGAAUU 17865					
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6117 AACAUGCC A AACGACU 2552 AGUCCGUU CUGAUGAG GCCGUUAGGC CGAA IGCAUGUU 17860 6125 AAACGGAC U GAUCGCUC 2553 GAGCGAUC CUGAUGAG GCCGUUAGGC CGAA IUCCGUUU 17861 6132 CUGAUCGC U CAAUUCUA 2554 UAGAAUUG CUGAUGAG GCCGUUAGGC CGAA ICGAUCAG 17862 6134 GAUCGCUC A AUUCUACC 2555 GGUAGAAU CUGAUGAG GCCGUUAGGC CGAA IAGCGAUC 17863 6139 CUCAAUUC U ACCAACCA 2556 UGGUUGGU CUGAUGAG GCCGUUAGGC CGAA IAAUUGAG 17864 6142 AAUUCUAC C AACCAGAG 2557 CUCUGGUU CUGAUGAG GCCGUUAGGC CGAA IUAGAAUU 17865 6143 AUUCUACC A ACCAGAGC 2558 GCUCUGGU CUGAUGAG GCCGUUAGGC CGAA IGUAGAAU 17866					
6125 AAACGGAC U GAUCGCUC 2553 GAGCGAUC CUGAUGAG GCCGUUAGGC CGAA IUCCGUUU 17861 6132 CUGAUCGC U CAAUUCUA 2554 UAGAAUUG CUGAUGAG GCCGUUAGGC CGAA ICGAUCAG 17862 6134 GAUCGCUC A AUUCUACC 2555 GGUAGAAU CUGAUGAG GCCGUUAGGC CGAA IAGCGAUC 17863 6139 CUCAAUUC U ACCAACCA 2556 UGGUUGGU CUGAUGAG GCCGUUAGGC CGAA IAAUUGAG 17864 6142 AAUUCUAC C AACCAGAG 2557 CUCUGGUU CUGAUGAG GCCGUUAGGC CGAA IUAGAAUU 17865 6143 AUUCUACC A ACCAGAGC 2558 GCUCUGGU CUGAUGAG GCCGUUAGGC CGAA IGUAGAAU 17866				<u> </u>	
6132 CUGAUCGC U CAAUUCUA 2554 UAGAAUUG CUGAUGAG GCCGUUAGGC CGAA ICGAUCAG 17862 6134 GAUCGCUC A AUUCUACC 2555 GGUAGAAU CUGAUGAG GCCGUUAGGC CGAA IAGCGAUC 17863 6139 CUCAAUUC U ACCAACCA 2556 UGGUUGGU CUGAUGAG GCCGUUAGGC CGAA IAAUUGAG 17864 6142 AAUUCUAC C AACCAGAG 2557 CUCUGGUU CUGAUGAG GCCGUUAGGC CGAA IUAGAAUU 17865 6143 AUUCUACC A ACCAGAGC 2558 GCUCUGGU CUGAUGAG GCCGUUAGGC CGAA IGUAGAAU 17866					
6134 GAUCGCUC A AUUCUACC 2555 GGUAGAAU CUGAUGAG GCCGUUAGGC CGAA IAGCGAUC 17863 6139 CUCAAUUC U ACCAACCA 2556 UGGUUGGU CUGAUGAG GCCGUUAGGC CGAA IAAUUGAG 17864 6142 AAUUCUAC C AACCAGAG 2557 CUCUGGUU CUGAUGAG GCCGUUAGGC CGAA IUAGAAUU 17865 6143 AUUCUACC A ACCAGAGC 2558 GCUCUGGU CUGAUGAG GCCGUUAGGC CGAA IGUAGAAUU 17866					17861
6139 CUCAAUUC U ACCAACCA 2556 UGGUUGGU CUGAUGAG GCCGUUAGGC CGAA IAAUUGAG 17864 6142 AAUUCUAC C AACCAGAG 2557 CUCUGGUU CUGAUGAG GCCGUUAGGC CGAA IUAGAAUU 17865 6143 AUUCUACC A ACCAGAGC 2558 GCUCUGGU CUGAUGAG GCCGUUAGGC CGAA IGUAGAAU 17866					17862
6142 AAUUCUAC C AACCAGAG 2557 CUCUGGUU CUGAUGAG GCCGUUAGGC CGAA IUAGAAUU 17865 6143 AUUCUACC A ACCAGAGC 2558 GCUCUGGU CUGAUGAG GCCGUUAGGC CGAA IGUAGAAU 17866					17863
6143 AUUCUACC A ACCAGAGC 2558 GCUCUGGU CUGAUGAG GCCGUUAGGC CGAA IGUAGAAU 17866					17864
					17865
6146 CUACCAAC C AGAGCGUG 2559 CACGCUCU CUGAUGAG GCCGUUAGGC CGAA IUUGGUAG 17867				<u> </u>	17866
	6146	CUACCAAC C AGAGCGUG	2559	CACGCUCU CUGAUGAG GCCGUUAGGC CGAA IUUGGUAG	17867

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6147	UACCAACC A GAGCGUGA	2560	UCACGCUC CUGAUGAG GCCGUUAGGC CGAA IGUUGGUA	17868
6168	GUAUAUAC C AUGGAUGG	2561	CCAUCCAU CUGAUGAG GCCGUUAGGC CGAA IUAUAUAC	17869
6169	UAUAUACC A UGGAUGGG	2562	CCCAUCCA CUGAUGAG GCCGUUAGGC CGAA IGUAUAUA	17870
6184	GGGAAUAC C GGCUCAGA	2563	UCUGAGCC CUGAUGAG GCCGUUAGGC CGAA IUAUUCCC	17871
6188	AUACCGGC U CAGAGGAG	2564	CUCCUCUG CUGAUGAG GCCGUUAGGC CGAA ICCGGUAU	17872
6190	ACCGGCUC A GAGGAGAA	2565	UUCUCCUC CUGAUGAG GCCGUUAGGC CGAA IAGCCGGU	17873
6211	GAAAAAAC U UUCUGGAA	2566	UUCCAGAA CUGAUGAG GCCGUUAGGC CGAA IUUUUUUC	17874
6215	AAACUUUC U GGAACUGU	2567	ACAGUUCC CUGAUGAG GCCGUUAGGC CGAA IAAAGUUU	
6221	UCUGGAAC U GUUGAGGA	2568	UCCUCAAC CUGAUGAG GCCGUUAGGC CGAA IUUCCAGA	17875
6231	UUGAGGAC U GCAGAUCU	2569		17876
		·	AGAUCUGC CUGAUGAG GCCGUUAGGC CGAA IUCCUCAA	17877
6234	AGGACUGC A GAUCUGCC	2570	GGCAGAUC CUGAUGAG GCCGUUAGGC CGAA ICAGUCCU	17878
6239	UGCAGAUC U GCCAGUUU	2571	AAACUGGC CUGAUGAG GCCGUUAGGC CGAA IAUCUGCA	17879
6242	AGAUCUGC C AGUUUGGC	2572	GCCAAACU CUGAUGAG GCCGUUAGGC CGAA ICAGAUCU	17880
6243	GAUCUGCC A GUUUGGCU	2573	AGCCAAAC CUGAUGAG GCCGUUAGGC CGAA IGCAGAUC	17881
6251	AGUUUGGC U GGCUUACA	2574	UGUAAGCC CUGAUGAG GCCGUUAGGC CGAA ICCAAACU	17882
6255	UGGCUGGC U UACAAGGU	2575	ACCUUGUA CUGAUGAG GCCGUUAGGC CGAA ICCAGCCA	17883
6259	UGGCUUAC A AGGUUGCA	2576	UGCAACCU CUGAUGAG GCCGUUAGGC CGAA IUAAGCCA	17884
6267	AAGGUUGC A GCGGCUGG	2577	CCAGCCGC CUGAUGAG GCCGUUAGGC CGAA ICAACCUU	17885
6273	GCAGCGGC U GGAGUGUC	2578	GACACUCC CUGAUGAG GCCGUUAGGC CGAA ICCGCUGC	17886
6282	GGAGUGUC A UACCACGA	2579	UCGUGGUA CUGAUGAG GCCGUUAGGC CGAA IACACUCC	17887
6286	UGUCAUAC C ACGACCGG	2580	CCGGUCGU CUGAUGAG GCCGUUAGGC CGAA IUAUGACA	17888
6287	GUCAUACC A CGACCGGA	2581	UCCGGUCG CUGAUGAG GCCGUUAGGC CGAA IGUAUGACA	17889
6292	ACCACGAC C GGAGGUGG	2582	CCACCUCC CUGAUGAG GCCGUUAGGC CGAA IUCGUGGU	
6304	***************************************			17890
	GGUGGUGC U UUGAUGGU	2583	ACCAUCAA CUGAUGAG GCCGUUAGGC CGAA ICACCACC	17891
6314	UGAUGGUC C UAGGACAA	2584	UUGUCCUA CUGAUGAG GCCGUUAGGC CGAA IACCAUCA	17892
6315	GAUGGUCC U AGGACAAA	2585	UUUGUCCU CUGAUGAG GCCGUUAGGC CGAA IGACCAUC	17893
6321	CCUAGGAC A AACACAAU	2586	AUUGUGUU CUGAUGAG GCCGUUAGGC CGAA IUCCUAGG	17894
6325	GGACAAAC A CAAUUUUA	2587	UAAAAUUG CUGAUGAG GCCGUUAGGC CGAA IUUUGUCC	17895
6327	ACAAACAC A AUUUUAGA	2588	UCUAAAAU CUGAUGAG GCCGUUAGGC CGAA IUGUUUGU	17896
6340	UAGAAGAC A ACAACGAA	2589	UUCGUUGU CUGAUGAG GCCGUUAGGC CGAA IUCUUCUA	17897
6343	AAGACAAC A ACGAAGUG	2590	CACUUCGU CUGAUGAG GCCGUUAGGC CGAA IUUGUCUU	17898
6358	UGGAAGUC A UCACGAAG	2591	CUUCGUGA CUGAUGAG GCCGUUAGGC CGAA IACUUCCA	17899
6361	AAGUCAUC A CGAAGCUU	2592	AAGCUUCG CUGAUGAG GCCGUUAGGC CGAA IAUGACUU	17900
6368	CACGAAGC U UGGUGAAA	2593	UUUCACCA CUGAUGAG GCCGUUAGGC CGAA ICUUCGUG	17901
6386	GAAGAUUC U GAGGCCGC	2594	GCGGCCUC CUGAUGAG GCCGUUAGGC CGAA IAAUCUUC	17902
6392	UCUGAGGC C GCGCUGGA	2595	UCCAGCGC CUGAUGAG GCCGUUAGGC CGAA ICCUCAGA	17903
6397	GGCCGCGC U GGAUUGAC	2596	GUCAAUCC CUGAUGAG GCCGUUAGGC CGAA ICGCGGCC	
6408	AUUGACGC C AGGGUGUA	2597		17904
				17905
6409	UUGACGCC A GGGUGUAC	2598	GUACACCC CUGAUGAG GCCGUUAGGC CGAA IGCGUCAA	17906
6418	GGGUGUAC U CGGAUCAC	2599	GUGAUCCG CUGAUGAG GCCGUUAGGC CGAA IUACACCC	17907
6425	CUCGGAUC A CCAGGCAC	2600	GUGCCUGG CUGAUGAG GCCGUUAGGC CGAA IAUCCGAG	17908
6427	CGGAUCAC C AGGCACUA	2601	UAGUGCCU CUGAUGAG GCCGUUAGGC CGAA IUGAUCCG	17909
6428	GGAUCACC A GGCACUAA	2602	UUAGUGCC CUGAUGAG GCCGUUAGGC CGAA IGUGAUCC	17910
6432	CACCAGGC A CUAAAGGC	2603	GCCUUUAG CUGAUGAG GCCGUUAGGC CGAA ICCUGGUG	17911
6434	CCAGGCAC U AAAGGCGU	2604	ACGCCUUU CUGAUGAG GCCGUUAGGC CGAA IUGCCUGG	17912
6445	AGGCGUUC A AGGACUUC	2605	GAAGUCCU CUGAUGAG GCCGUUAGGC CGAA IAACGCCU	17913
6451	UCAAGGAC U UCGCCUCG	2606	CGAGGCGA CUGAUGAG GCCGUUAGGC CGAA IUCCUUGA	17914
6456	GACUUCGC C UCGGGAAA	2607	UUUCCCGA CUGAUGAG GCCGUUAGGC CGAA ICGAAGUC	17915
6457	ACUUCGCC U CGGGAAAA	2608	UUUUCCCG CUGAUGAG GCCGUUAGGC CGAA IGCGAAGU	17916
6471	AAACGUUC U CAGAUAGG	2609	CCUAUCUG CUGAUGAG GCCGUUAGGC CGAA IAACGUUU	17917
6473	ACGUUCUC A GAUAGGGC	2610	GCCCUAUC CUGAUGAG GCCGUUAGGC CGAA IAGAACGU	
6482	GAUAGGGC U CAUUGAGG	2611		17918
6484	UAGGGCUC A UUGAGGUU	2612	CCUCAAUG CUGAUGAG GCCGUUAGGC CGAA ICCCUAUC	17919
6494	UGAGGUUC U GGGAAAGA		AACCUCAA CUGAUGAG GCCGUUAGGC CGAA IAGCCCUA	17920
		2613	UCUUUCCC CUGAUGAG GCCGUUAGGC CGAA IAACCUCA	17921
6506	AAAGAUGC C UGAGCACU	2614	AGUGCUCA CUGAUGAG GCCGUUAGGC CGAA ICAUCUUU	17922
6507	AAGAUGCC U GAGCACUU	2615	AAGUGCUC CUGAUGAG GCCGUUAGGC CGAA IGCAUCUU	17923
6512	GCCUGAGC A CUUCAUGG	2616	CCAUGAAG CUGAUGAG GCCGUUAGGC CGAA ICUCAGGC	17924
6514	CUGAGCAC U UCAUGGGG	2617	CCCCAUGA CUGAUGAG GCCGUUAGGC CGAA IUGCUCAG	17925
6517	AGCACUUC A UGGGGAAG	2618	CUUCCCCA CUGAUGAG GCCGUUAGGC CGAA IAAGUGCU	17926
6528	GGGAAGAC A UGGGAAGC	2619	GCUUCCCA CUGAUGAG GCCGUUAGGC CGAA IUCUUCCC	17927
6537	UGGGAAGC A CUUGACAC	2620	GUGUCAAG CUGAUGAG GCCGUUAGGC CGAA ICUUCCCA	17928

Table IV

			1 able 1 v	
6539	GGAAGCAC U UGACACCA	2621	UGGUGUCA CUGAUGAG GCCGUUAGGC CGAA IUGCUUCC	17929
6544	CACUUGAC A CCAUGUAC	2622	GUACAUGG CUGAUGAG GCCGUUAGGC CGAA IUCAAGUG	17930
6546	CUUGACAC C AUGUACGU	2623	ACGUACAU CUGAUGAG GCCGUUAGGC CGAA IUGUCAAG	17931
6547	UUGACACC A UGUACGUU	2624	AACGUACA CUGAUGAG GCCGUUAGGC CGAA IGUGUCAA	17932
6561	GUUGUGGC C ACUGCAGA	2625	UCUGCAGU CUGAUGAG GCCGUUAGGC CGAA ICCACAAC	17933
6562	UUGUGGCC A CUGCAGAG	2626	CUCUGCAG CUGAUGAG GCCGUUAGGC CGAA IGCCACAA	
				17934
6564	GUGGCCAC U GCAGAGAA	2627	UUCUCUGC CUGAUGAG GCCGUUAGGC CGAA IUGGCCAC	17935
6567	GCCACUGC A GAGAAAGG	2628	CCUUUCUC CUGAUGAG GCCGUUAGGC CGAA ICAGUGGC	17936
6585	GGAAGAGC U CACAGAAU	2629	AUUCUGUG CUGAUGAG GCCGUUAGGC CGAA ICUCUUCC	17937
6587	AAGAGCUC A CAGAAUGG	2630	CCAUUCUG CUGAUGAG GCCGUUAGGC CGAA IAGCUCUU	17938
6589	GAGCUCAC A GAAUGGCC	2631	GGCCAUUC CUGAUGAG GCCGUUAGGC CGAA IUGAGCUC	17939
6597	AGAAUGGC C CUGGAGGA	2632	UCCUCCAG CUGAUGAG GCCGUUAGGC CGAA ICCAUUCU	17940
6598	GAAUGGCC C UGGAGGAA	2633	UUCCUCCA CUGAUGAG GCCGUUAGGC CGAA IGCCAUUC	17941
6599	AAUGGCCC U GGAGGAAC	2634	GUUCCUCC CUGAUGAG GCCGUUAGGC CGAA IGGCCAUU	17942
6608	GGAGGAAC U GCCAGAUG	2635	CAUCUGGC CUGAUGAG GCCGUUAGGC CGAA IUUCCUCC	17943
6611	GGAACUGC C AGAUGCUC	2636	GAGCAUCU CUGAUGAG GCCGUUAGGC CGAA ICAGUUCC	17944
6612	GAACUGCC A GAUGCUCU	2637	AGAGCAUC CUGAUGAG GCCGUUAGGC CGAA ICAGUUC	
				17945
6618	CCAGAUGC U CUUCAGAC	2638	GUCUGAAG CUGAUGAG GCCGUUAGGC CGAA ICAUCUGG	17946
6620	AGAUGCUC U UCAGACAA	2639	UUGUCUGA CUGAUGAG GCCGUUAGGC CGAA IAGCAUCU	17947
6623	UGCUCUUC A GACAAUUG	2640	CAAUUGUC CUGAUGAG GCCGUUAGGC CGAA IAAGAGCA	17948
6627	CUUCAGAC A AUUGCCUU	2641	AAGGCAAU CUGAUGAG GCCGUUAGGC CGAA IUCUGAAG	17949
6633	ACAAUUGC C UUGAUUGC	2642	GCAAUCAA CUGAUGAG GCCGUUAGGC CGAA ICAAUUGU	17950
6634	CAAUUGCC U UGAUUGCC	2643	GGCAAUCA CUGAUGAG GCCGUUAGGC CGAA IGCAAUUG	17951
6642	UUGAUUGC C UUAUUGAG	2644	CUCAAUAA CUGAUGAG GCCGUUAGGC CGAA ICAAUCAA	17952
6643	UGAUUGCC U UAUUGAGU	2645	ACUCAAUA CUGAUGAG GCCGUUAGGC CGAA IGCAAUCA	17953
6660	GUGAUGAC C AUGGGAGU	2646	ACUCCCAU CUGAUGAG GCCGUUAGGC CGAA IUCAUCAC	17954
6661	UGAUGACC A UGGGAGUA	2647	UACUCCCA CUGAUGAG GCCGUUAGGC CGAA IGUCAUCA	17955
6673	GAGUAUUC U UCCUCCUC	2648	GAGGAGGA CUGAUGAG GCCGUUAGGC CGAA IAAUACUC	17956
6676	UAUUCUUC C UCCUCAUG	2649		
			CAUGAGGA CUGAUGAG GCCGUUAGGC CGAA IAAGAAUA	17957
6677	AUUCUUCC U CCUCAUGC	2650	GCAUGAGG CUGAUGAG GCCGUUAGGC CGAA IGAAGAAU	17958
6679	UCUUCCUC C UCAUGCAG	2651	CUGCAUGA CUGAUGAG GCCGUUAGGC CGAA IAGGAAGA	17959
6680	CUUCCUCC U CAUGCAGC	2652	GCUGCAUG CUGAUGAG GCCGUUAGGC CGAA IGAGGAAG	17960
6682	UCCUCCUC A UGCAGCGG	2653	CCGCUGCA CUGAUGAG GCCGUUAGGC CGAA IAGGAGGA	17961
6686	CCUCAUGC A GCGGAAGG	2654	CCUUCCGC CUGAUGAG GCCGUUAGGC CGAA ICAUGAGG	17962
6697	GGAAGGGC A UUGGAAAG	2655	CUUUCCAA CUGAUGAG GCCGUUAGGC CGAA ICCCUUCC	17963
6723	GGAGGCGC U GUCUUGGG	2656	CCCAAGAC CUGAUGAG GCCGUUAGGC CGAA ICGCCUCC	17964
6727	GCGCUGUC U UGGGAGUC	2657	GACUCCCA CUGAUGAG GCCGUUAGGC CGAA IACAGCGC	17965
6741	GUCGCGAC C UUUUUCUG	2658	CAGAAAAA CUGAUGAG GCCGUUAGGC CGAA IUCGCGAC	17966
6742	UCGCGACC U UUUUCUGU	2659	ACAGAAAA CUGAUGAG GCCGUUAGGC CGAA IGUCGCGA	17967
6748	CCUUUUUC U GUUGGAUG	2660	CAUCCAAC CUGAUGAG GCCGUUAGGC CGAA IAAAAAGG	17968
6759	UGGAUGGC U GAAGUUCC	2661	GGAACUUC CUGAUGAG GCCGUUAGGC CGAA ICCAUCCA	17969
6767	UGAAGUUC C AGGAACGA	2662	UCGUUCCU CUGAUGAG GCCGUUAGGC CGAA IACUUCA	
				17970
6768	GAAGUUCC A GGAACGAA	2663	UUCGUUCC CUGAUGAG GCCGUUAGGC CGAA IGAACUUC	17971
6783	AAGAUCGC C GGAAUGUU	2664	AACAUUCC CUGAUGAG GCCGUUAGGC CGAA ICGAUCUU	17972
6794	AAUGUUGC U GCUCUCCC	2665	GGGAGAGC CUGAUGAG GCCGUUAGGC CGAA ICAACAUU	17973
6797	GUUGCUGC U CUCCCUUC	2666	GAAGGGAG CUGAUGAG GCCGUUAGGC CGAA ICAGCAAC	17974
6799	necnecne n ccennene	2667	GAGAAGGG CUGAUGAG GCCGUUAGGC CGAA IAGCAGCA	17975
6801	CUGCUCUC C CUUCUCUU	2668	AAGAGAAG CUGAUGAG GCCGUUAGGC CGAA IAGAGCAG	17976
6802	UGCUCUCC C UUCUCUUG	2669	CAAGAGAA CUGAUGAG GCCGUUAGGC CGAA IGAGAGCA	17977
6803	GCUCUCCC U UCUCUUGA	2670	UCAAGAGA CUGAUGAG GCCGUUAGGC CGAA IGGAGAGC	17978
6806	CUCCCUUC U CUUGAUGA	2671	UCAUCAAG CUGAUGAG GCCGUUAGGC CGAA IAAGGGAG	17979
6808	CCCUUCUC U UGAUGAUU	2672	AAUCAUCA CUGAUGAG GCCGUUAGGC CGAA IAGAAGGG	17980
6821	GAUUGUGC U AAUUCCUG	2673	CAGGAAUU CUGAUGAG GCCGUUAGGC CGAA ICACAAUC	
6827	GCUAAUUC C UGAGCCAG	2674	CUGGCUCA CUGAUGAG GCCGUUAGGC CGAA ICACAAGC	17981
6828	CUAAUUCC U GAGCCAGA			17982
		2675	UCUGGCUC CUGAUGAG GCCGUUAGGC CGAA IGAAUUAG	17983
6833	UCCUGAGC C AGAGAAGC	2676	GCUUCUCU CUGAUGAG GCCGUUAGGC CGAA ICUCAGGA	17984
6834	CCUGAGCC A GAGAAGCA	2677	UGCUUCUC CUGAUGAG GCCGUUAGGC CGAA IGCUCAGG	17985
6842	AGAGAAGC A ACGUUCGC	2678	GCGAACGU CUGAUGAG GCCGUUAGGC CGAA ICUUCUCU	17986
6851	ACGUUCGC A GACAGACA	2679	UGUCUGUC CUGAUGAG GCCGUUAGGC CGAA ICGAACGU	17987
6855	UCGCAGAC A GACAACCA	2680	UGGUUGUC CUGAUGAG GCCGUUAGGC CGAA IUCUGCGA	17988
6859	AGACAGAC A ACCAGCUA	2681	UAGCUGGU CUGAUGAG GCCGUUAGGC CGAA IUCUGUCU	17989
				

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Table IV

\$69.00 CARCAGOR PACCESSION 269.00 CARCAGOR CARCAGOR PACCESSION CARCAGOR C	6862	CAGACAAC C AGCUAGCC	2682	GGCUAGCU CUGAUGAG GCCGUUAGGC CGAA IUUGUCUG	17990
1896 CANCEGIC U AGCCCUIUU 2684 AGCGGCU CUGAUMAG CCCUUUAGC CUGA ICUGGUUC 17992 18977 CCGUUTUTC C UGAUTUTGU 2686 AGGALACC CUGAUMAG CCGUUUAGC CUGA ICACACG 17994 18977 CCGUUTUTC C UGAUTUTGU 2686 AGGALACC CUGAUMAG CCGUUUAGC CUGA ICACACG 17995 18987 CUUUGUUC U GUUUUUGU 2688 ACGADUC CUGAUMAG CCGUUUAGC CUGA ICACACG 17995 18987 CUUUGUUC C UGUUGACC 2688 AAGGGUC CUGAUMAG CCGUUUAGC CUGA ICACACG 17995 18987 CUUUGUUC C UUUUGACC 2689 AAGGGUC CUGAUMAG CCGUUUAGC CUGA ICACACAG 17995 18985 CAUGAGCC C UUUUGAGC 2689 CCUCACAG CUGAUMAG CCCUUUAGC CUGA ICACACG 17995 18995 CAUGACC C UUUUGAGC 2689 CCUCACAG CUGAUMAG CCCUUUAGC CUGA ICACACG 17996 18996 CAUGAGCC A CUGAUGAC 2689 CCUCACAG CUGAUMAG CCCUUUAGC CAA ICACACG 17996 18912 CACAUTUGC ACCACGA 2691 CCUCACAC CUGAUMAG CCCUUUAGC CCAA ICACACG 18001 18912 CACAUTUGC ACCACGA 2691 ACCUCACU CUGAUMAG CCCUUUAGC CAA ICACACG 18001 18912 GOGUUGAC ACCACGA 2691 ACCUCACU CUGAUMAG CCCUUUAGC CAA ICACACG 18002 18912 GOGUUGAC ACCACGA 2691 ACCUCACU CUGAUMAG CCCUUUAGC CAA ICACACG 18002 18912 GOGUUGAC AAGAGAU 2691 ACCUCACU CUGAUMAG CCCUUUAGC CAA ICACACG 18002 18912 GOGUUGAC AAGAGAU 2691 ACCUCACU CUGAUMAG CCCUUUAGC CAA ICACACG 18002 18912 GOGUUGAC AAGAGAU 2691 ACCUCACU CUGAUMAG CCCUUUAGC CAA ICACACG 18004 18912 GOGUUGAC AAGAGAU 2699 ACCACAC CUGAUMAG CCCUUUAGC CAA ICACACG 18004 18913 AUGAGC AAGAGAU 2699 AACACACC CUGAUMAG CCCUUUAGC CAA ICACACG 18004 18913 AUGAGC AAGAGAU 2699 AACACACC CUGAUMAG CCCUUUAGC CAA ICACACG 18004 18913 AUGAGC AAGAGAU 2699 AACACACC CUGAUMAG CCCUUUAGC CAA ICACACG 18004 18913 AGAGGAC AAGAGGA 2699 AACACACC CUGAUMAG CCCUUUAGC CAA ICACACG 18004 18913 AGAGGAC AAGAGAU 2700 AACAAAC CUGAUMAG CCCUUUAGC CAA ICACACG 18004 18913 AAGAGAC AAGAGAM 2700 AACAAAC CUGAUMAG CCCUUUAGC CAA					
16970 CONCIDENCE C GUIGUICCU 3685 ACANANIC CUBANISA COCRUMAGE COMA TACACAGO 17994 16978 COURDING U GANTINGIO 3687 ACANANIC CUBANISA GEORIMAGE COMA TACACAGO 17996 16989 CUIDURIO A GUIGACCCU 3688 ACANANIC CUBANISA GEORIMAGE COMA TACACAGO 17996 16989 CUIDURIO A GUICACCCU 3688 ACAGARIC CUBANISA GEORIMAGE COMA TACACAGO 17996 16989 TOURISTIC C CUIGUIGAS 2689 CUICACAG CUBANISA GEORIMAGE COMA TACACAGO 17996 16989 CUICAGAC C CUIGUIGAS 2689 CUICACAG CUBANISA GEORIMAGE COMA TACACAGO 17996 16989 CUICAGAC C UIGUIGAS 2690 CUICACAG CUGANISA GEORIMAGE COMA TACACAGO 17996 16989 CUICAGAC C UIGUIGAS 2691 CUICACAG CUGANISA GEORIMAGE COMA TACACAGO 17998 16996 CUICAGAC C UIGUIGAS 2692 CUICACAG CUGANISA GEORIMAGE COMA TACACAGO 17998 16996 GUIGAGCC C AUGUIGAS 2692 CUICACAG CUGANISA GEORIMAGE COMA TACACAGO 18002 16912 CACAGOGC A ACGAGOM 2695 TOURIS CUICACC CUGANISA GEORIMAGE COMA TOCACAGO 18002 16912 GAGUIGAG C A ACGAGOM 2695 ACUCUCCU CUGANISA GEORIMAGE COMA TECCACO 18002 16912 GAGUIGAG C A ACGAGOM 2695 ACUCUCCU CUGANISA GEORIMAGE COMA TECCACO 18003 16912 GAGUIGAG C A ACGAGOM 2695 ACUCUCCU CUGANISA GEORIMAGE COMA TECCACO 18003 16912 GAGUIGAG C A ACGAGOM 2695 ACUCUCCU CUGANISA GEORIMAGE COMA TECCACO 18004 16912 GAGUIGAG C A ACGAGOM 2695 ACUCUCCU CUGANISA GEORIMAGE COMA TECCACO 18004 16912 GAGUIGAG C A ACGAGOM 2699 ACCACACO CUGANISA GEORIMAGE COMA TECCACAC 18004 16912 ACUANAGO C A AGAGAGOM 2699 ACCACACO CUGANISA GEORIMAGE COMA TECCACAC 18004 16913 AUGUIGAG CA AGAGAM 2700 ACACACO CUGANISA GEORIMAGE COMA TUCCACO 18004 16914 GUIGAGOM CA AGAGAM 2701 ACACACO CUGANISA GEORIMAGE COMA TUCCACO 18004 16915 UIGAGOM CA AGAGAM 2701 ACACACO CUGANISA GEORIMAGE COMA TUCCACO 18004 16916 ACACAGO COMA CUGANISA GEORIMAGE COMA TUCCACO 18004 16917 AGAGOM CA AGAGAM 2701 ACACACO CUICACAG CUICACAG CUICACAG CUICACAG 16918					
1997 COCUMENTIC CI USAINTUSTI 2566 ACADATICA CUSAINAS COCUMINASC CORA TARCACOS 17995 1889 TUTUSTUSTIC A URACCCUI 2688 AAGGSTCA CUSAINAS CICCUMINASC CIDA TARCACANA 17995 1895 COLUNDAC CI USUSUARS 2889 CUCACAA CUGAUNAS CICCUMINASC CIDA TARCACANA 17996 1895 COLUNDAC CI USUSUARSC 2898 CUCACAA CUGAUNAS CICCUMINASC CIDA TARCACANA 17996 1895 CAUGARCC CI USUSUARSC 2898 CUCACAA CUGAUNAS CICCUMINASC CIDA TARCACANA 17997 1895 CAUGARCC CI USUSUARSC 2890 CUCACAA CUGAUNAS CICCUMINASC CIDA TARCACANA 17999 1895 CAUGARCC CI USUSUARSC 2891 CUCUACAC CUGAUNAS CICCUMINASC CIDA TARCACANA 17999 1896 GUGARCC A CICACAA 2693 CUCACAC CUGAUNAS CICCUMINASC CIDA TARCACANA 17999 18912 CACAUSCO C A ACCACAA 2693 CUCUACAC CUGAUNAS CICCUMINASC CIDA TARCACANA 18000 18913 GUGARCC A ACCACANA 2894 AUCUGUIU CUGAUNAS CICCUMINASC CIDA TUGACACA 18001 18914 USGCARCC A ACCACANA 2894 AUCUGUIU CUGAUNAS CICCUMINASC CIDA TUGACACA 18002 18912 GOUGUIGG U AJAUNASA 2895 CUCUACAC CUGAUNAS CICCUMINASC CIDA TUGACACA 18002 18912 GOUGUIGG U AJAUNASA 2896 CUCUACAC CUGAUNAS CICCUMINASC CIDA TECCACCA 18003 18913 AUGUGUIU CUGAUNAS CICCUMINASC CIDA TECCACCA 18004 18913 AUGUGUIU CUGAUNAS CICCUMINASC CICCUMINASC CIDA TECCACACA 18009 18913 AUGUGUIU CUGAUNASC CICA TECCACA 18004 18913 AUGUGUIU CUGAUNASC CICA TECCACACA 18009 18914 TUTUTUSTUS CICACA 18004 18					
1879 CRURRINCO CRANTUNION 2687 CACANANC CUGANINA CICCUMAGE CONTINUAC CAN TRANSCOCT 17995 1898 UNUQUEUR A DIRECCUM 2888 AGGGUEUA CUGANINA GECCUMAGE CAN TRANSCOCT 17996 18981 UNUQUEUR A DIRECCUMAGE 2889 CUCACAA CUGANINA GECCUMAGE CAN TUCADRA 17996 18985 UNUQUEUR COUNTRICE CONTINUAC CAN TUCADRA 17996 18985 UNUQUEUR COUNTRICE CAN TUCADRA 17996 18985 UNUQUEUR COUNTRICE CAN TUCADRA 17996 18985 UNUQUEUR COUNTRICE CAN TUCADRA 17996 18986 CUCACAA CUGANINA GECGUMAGE CAN TUCADRA 17996 18986 18982 CUCACAC CUGANINA GECGUMAGE CAN TUCADRA 17996 18982					
F899	-				
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6995	6889	UUUGUGUC A UGACCCUU			
	6894	GUCAUGAC C CUUGUGAG	2689		17997
\$912 GOAGGIGE A GURGEAGE 2692 GUUGECCE CUIGAUGA GCCUUTAGEC CADA ICCACAC 18001	6895	UCAUGACC C UUGUGAGC	2690	GCUCACAA CUGAUGAG GCCGUUAGGC CGAA IGUCAUGA	17998
	6896	CAUGACCC U UGUGAGCG	2691	CGCUCACA CUGAUGAG GCCGUUAGGC CGAA IGGUCAUG	·17999
6915 GUIGGARC C ANCRAGANI 2694 AUCUICQUI CUGANIGAG GCCGUINAGC CRAA ICUICCCC 18002 6912 GGUIUGGC U AGAINAGA 2695 CULUUAUCU CUGANIGAG GCCGUINAGC CRAA ICUICCCC 18003 6942 GAUNAGAC C AAGAGUGA 2697 UCACUCUU CUGANIGAG GCCGUINAGC CRAA ICUICCCC 18004 6942 GAUNAGAC C AAGAGUGA 2698 UCACUCUU CUGANIGAG GCCGUINAGC CRAA ICUICUNU 18005 6943 ANARAGAC C AAGAGUGA 2698 GUCACUCUU CUGANIGAG GCCGUINAGC CRAA ICUCUNU 18006 6953 AGARAGAC C AURAGCAGU 2699 ACUIGCUU CUGANIGAG GCCGUINAGC CRAA ICUCUNU 18006 6953 AGARAGAC C AURAGCAGU 2699 ACUIGCUU CUGANIGAG GCCGUINAGC CRAA ICUCUNU 18007 6955 AGARAGAC C AURAGCAGU 2700 AAACAAAC CUGANIGAG GCCGUINAGC CRAA ICUCUNU 18007 6957 GUUUGAGC A AGAGAANU 2701 CAADUCUU CUGANIGAG GCCGUINAGC CRAA ICUCUNGU 18009 6997 AGARAUUC A CACUGGGA 2704 CUCUCCCA CUGANIGAG GCCGUINAGC CRAA ICUCUNGU 18013 7013 AGAGRUUC U UURGACU 2705 AGUCACAA CUGANIGAG GCCGUINAGC CRAA ICUCUNGU 18013 7021 UUTUUGACC U GAGGCGG 2706 CUCUCCCA CUGANIGAG GCCGUINAGC CRAA ICUCUNAGU 18013 7021 UUTUUGACC U GAGGCGG 2706 CUCUCCCA CUGANIGAG GCCGUINAGC CRAA ICUCUNAGU 18013 7021 UUTUUGACC U GAGGCGG 2706 CAGCUINAGC CUGANIGAG GCCGUINAGGC CRAA ICACUCAA 7028 CUURAGGC C GECAACAC 2707 CUGUICCCA CUGANIGAG GCCGUINAGC CRAA ICUCAAA 7028 CUURAGGC C GECAACAC 2707 CUGUICCCA CUGANIGAG GCCGUINAGC CRAA ICUCAAA 7031 AGGCCGGC A ACCGCC 2708 CAGGCCGCU CUGANIGAG GCCGUINAGC CRAA ICUCAAA 7032 AGGCCGGC A ACCGCCC 2708 CAGGCCGCU CUGANIGAG GCCGUINAGC CRAA ICUCAAA 7038 CAACAACC U GUUGACC 2710 AGUGACC CUGANIGAG GCCGUINAGC CRAA ICUCAAA 7044 GCCIGIGU A CUGACAC 2711 AGUGACC CUGANIGAG GCCGUINAGC CRAA ICUCAAA 7053 CUGACAC U GUIGACC 2711 AGUGACC CUGANIGAG GCCGUINAGC CRAA ICUCAAA 7065 CUGRIGAC GUIGACC 2712 AGUGACC CUGANIGAG GCCGUINAGC CRAA ICUCAAA 7066 CUGRIGAC CUGACAC 2711 AGUGACC CUGANIGAG GCCGUINAGC CRAA ICUCAAA 7076 CUGRIGAC CU	6906	GUGAGCGC A GUGGCAGC	2692	GCUGCCAC CUGAUGAG GCCGUUAGGC CGAA ICGCUCAC	18000
6918	6912	GCAGUGGC A GCCAACGA	2693	UCGUUGGC CUGAUGAG GCCGUUAGGC CGAA ICCACUGC	18001
6912 GOGUNGOC ACGUANAGA 2695 CAUCUCSU CUGAUGAG GOGUNAGGC CGAA IGCUSCCA 18004 6912 GAUDAGAC AGAGURA 2695 CUCACUCUI CUGAUGAG GOGUNAGGC CGAA ICCANACC 18004 6913 AUAAGACC AAGAGUGA 2697 UCACUCUI CUGAUGAG GOCGUNAGGC CGAA ICCANACC 18004 6913 AUAAGACC AAGAGUGA 2699 ACUGCUCUI CUGAUGAG GOCGUNAGGC CGAA ICUCUUAU 18005 6952 AAGAGUGA AUAGCAGU 2699 ACUGCUU CUGAUGAG GOCGUNAGGC CGAA ICUCUUAU 18006 6958 ACAURAGC AUUUGUUU 2700 AAACAAC CUGAUGAG GOCGUNAGGC CGAA ICUCUUAU 18007 6958 ACAURAGC AUUUGUUU 2701 AAACAAC CUGAUGAG GOCGUNAGGC CGAA ICUCUAU 18007 6958 ACAURAGC AUUUGUUU 2701 AAACAAC CUGAUGAG GOCGUNAGGC CGAA ICUCUAU 18007 6957 GUUUGAGC AAGAGUU 2701 CAAURUCUU CUGAUGAG GOCGUNAGGC CGAA ICAUCUA 18010 6957 AGAAUUUC A GCAUGAGG 2701 CUCAUCCCC CUGAUGAG GOCGUNAGGC CGAA ICAUCUA 18010 6957 AGAAUUUC A GCAUGAGG 2701 CUCAUCCCC CUGAUGAG GOCGUNAGGC CGAA ICAUCUA 18010 7001 AUGUCACA AUGUCACA CUCAUCCCC CUGAUGAG GOCGUNAGGC CGAA ICAUCUA 18011 7013 AGAGUUUC UUUUGGAC UUUGGAC UUUUGGAC UUUUGAA UUUUUGAA UUUUUGAA UUUUGAA UUUUGAA UUUUUGAA UUUUUGAA UUUUGAA UUUUGAA UUUUGAA UUUUUGAA UUUUUAA UUUUUAA UUUUUAA UUUUUAA UUUUU		GUGGCAGC C AACGAGAU	2694	AUCUCGUU CUGAUGAG GCCGUUAGGC CGAA ICUGCCAC	18002
\$932 GAGGUIGGE U AGAIDAAGA 2696 UCUIAUUCU CUGAUIGAG GCCGUIAGGE CGAA ICCAACCC 18004 6942 AUAAGACC A AGAGUGA 2697 UCACUCUU CUGAUIGAG GCCGUIAGGE CGAA IUCUUAU 18005 6953 AUAAGACC A AGAGUGAC 2698 GUICACUCU CUGAUIGAG GCCGUIAGGE CGAA IUCUUAU 18005 6952 AUAGUGAC A UAAGCAGU 2699 ACUGCUUA CUGAUIGAG GCCGUIAGGE CGAA IUCUUAU 18007 6958 AUAGUGAC AUAAGCAGU 2700 AAACAAAC CUGAUIGAG GCCGUIAGGE CGAA IUCUUAU 18007 69597 AUAUAGAC AUAUGUU CUGAUIGAG GCCGUIAGGE CGAA IUCUUAU 18007 6958 UUGAUIGAG AUAGAGUA 2702 AUUCUCUC U CUGAUIGAG GCCGUIAGGE CGAA IUCUUAU 18008 69597 AGAAUUUC A GCAUIGGA 2702 AUUCUCUCC U CUGAUIGAG GCCGUIAGGE CGAA ICCUCAA 18010 69597 AGAAUUUC A GCAUIGGA 2703 UCCCAIGC CUGAUIGAG GCCGUIAGGE CGAA IAAAUUCU 18011 7010 AUUUCAGAC AUGGGAGA 2704 CUUCUCCA CUGAUIGAG GCCGUIAGGE CGAA IAAAUUCU 18011 701			2695	CAUCUCGU CUGAUGAG GCCGUUAGGC CGAA IGCUGCCA	18003
5942 GADARGAC C ARGAGUGA 2697 UCACUCUC CUGAUGAG GCCGUUAGGC CGAA IUUCUUAU 18005 6952 AGAGUGAC A UAAGCAGU 2699 ACUGCUUA CUGAUGAG GCCGUUAGGC CGAA IUUCUUAU 18007 6958 ACAURAGC A UAAGCAGU 2699 ACUGCUUA CUGAUGAG GCCGUUAGGC CGAA IUCACUCU 18007 6958 ACAURAGC A GUUUGUUU 2700 AAACAAAC CUGAUGAG GCCGUUAGGC CGAA IUCACUCU 18007 69571 GUUUGGGC AAAGAAUU 2701 CAAUCUCU CUGAUGAG GCCGUUAGGC CGAA IUCACUCA 18010 6958 UGGAGGUC AGGAGAAU 2702 AUUCUCU CUGAUGAG GCCGUUAGGC CGAA IACCUCAA 18010 6957 AGAAUUUC AGCAUGAGA 2703 UCCCAUGC CUGAUGAG GCCGUUAGGC CGAA IACCUCAA 18010 6957 AGAAUUUC AGCAUGAGA 2703 UCCCAUGC CUGAUGAG GCCGUUAGGC CGAA IAAACUCU 18011 7013 AGAGUUUC UUUGGACU 2705 AGUCCAAA CUGAUGAG GCCGUUAGGC CGAA IACCUCAA 18010 7021 UUUGGAC UUGGAGCCG 2706 GCCCCUCA CUGAUGAG GCCGUUAGGC CGAA IACCUCAAA 18014 7022 CUUUGGAC UUGGAGCCG 2706 GCCCUCA CUGAUGAG GCCGUUAGGC CGAA IACCUCAAA 18014 7028 CUUGAGGC ACACCCU 2708 AGUCCAAA CUGAUGAG GCCGUUAGGC CGAA IACCUCAAA 18014 7029 CUUGAGGC ACACCCU 2709 GACCAGGC CUGAUGAG GCCGUUAGGC CGAA ICCUCAAA 18015 7035 CCGGCAACA GCCUGGUC 2709 GACCAGGC CUGAUGAG GCCGUUAGGC CGAA ICCUCAAA 18015 7036 GCAACAGC UGGUCACU 2710 AGUGACC CUGAUGAG GCCGUUAGGC CGAA ICUCAAA 18015 7039 CCAACAGC UGGUCACU 2711 AGUGACC CUGAUGAG GCCGUUAGGC CGAA ICUGCAAA 18015 7044 GCCUGAC GUUCACUC 2711 AGUGACC CUGAUGAG GCCGUUAGGC CGAA ICUGCAG 18017 7044 GCCUGAC GUUCACUC 2711 AGUGACC CUGAUGAG GCCGUUAGGC CGAA ICUGCAG 18017 7046 CUGGUCAC UGUACCCC 2712 GCUGACC CUGAUGAG GCCGUUAGGC CGAA ICUGCAG 18020 7047 GUCCUCAC UGUACCCC CUGAUGAC CUGAUGAG GCCGUUAGGC CGAA ICUGCAG 18020 7046 CUGGUCAC UGUACCCC 2712 GCUGACC CUGAUGAG GCCGUUAGGC CGAA ICUGCAG 18020 7047 GUCGUCAC UGUACCCC 2712 GCUGACC CUGAUGAG GCCGUUAGGC CG				UCITIAUCU CUGAUGAG GCCGUUAGGC CGAA ICCAACCC	18004
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AGREUGAC & UAAGCAGU 2699					
6958	1				
6971 GUUUGGGC A AAGANUUG 2701 CAAUUCUU CUGAUGAG GCCGUUAGGC GAA ICCCAAAC 18009 6985 UUGAGGUC A AGGAGAAU 2702 AUUCUCCU CUGAUGAG GCCGUUAGGC CGAA IACCCCAA 18010 6997 AGANUUUC A GCAUGGGA 2703 UCCCAUGC CUGAUGAG GCCGUUAGGC CGAA IAAAUUCU 18011 7000 AUUUCAGC A UGGAGAG 2704 CUCUCCCA CUGAUGAG GCCGUUAGGC CGAA IAAAUUCU 18011 7001 AGAGUUC U UUUGGAC 2705 AGUCCAAA CUGAUGAG GCCGUUAGGC CGAA IAAAUUCU 18011 7021 UUUUGGAC U UGAGGCCG 2706 CGGCUCAC CUGAUGAG GCCGUUAGGC CGAA IAAACUCU 18013 7022 UUUUGGAC U UGAGGCCG 2706 CGGCUCAC CUGAUGAG GCCGUUAGGC CGAA IACCAAAA 18014 7028 CUUGAGGC CGAACAG 2707 CUGUUGCC CUGAUGAG GCCGUUAGGC CGAA ICCCAAAA 18015 7032 AGGCCGGC AACAG 2709 CAGGCUGU CUGAUGAG GCCGUUAGGC CGAA ICCCAAAA 18016 7035 CCGGCAAC ACCGCCGC 2709 GACCAGGC CUGAUGAG GCCGUUAGGC CGAA ICCCAAAA 18016 7035 CCGGCACC CGCACACC 2710 AGUGACAC CUGAUGAG GCCGUUAGGC CGAA ICCCAACA 18017 7038 GCACAGCC U GGUCACU 2711 AGUGACA CUGAUGAG GCCGUUAGGC CGAA ICCCGCCU 18017 7039 CAACAGCC U GGUCACU 2711 CAGUGAC CUGAUGAG GCCGUUAGGC CGAA ICCCGUUG 18019 7044 GCCUGGUC U GUACACAC 2711 CAGUGAC CUGAUGAG GCCGUUAGGC CGAA ICCCGUUG 18019 7044 GCCUGGUC U GUACACAC 2711 CAGUGAC CUGAUGAG GCCGUUAGGC CGAA ICCCGUUG 18021 7053 CUGUACAC U GUACACC 2713 CAGCGUC U CUGAUGAG GCCGUUAGGC CGAA ICCCGUC 7064 7065 CUGUACAC ACCGGUC 2714 GUUGUCAC CUGAUGAG GCCGUUAGGC CGAA ICCCGCU 18022 7059 GCUGUGAC A ACAGCCGU 2715 ACCGCUG CUGAUGAG GCCGUUAGGC CGAA ICCACCAG 18022 7059 GCUGUGAC A ACAGCCGU 2716 AGGACCGC CUGAUGAG GCCGUUAGGC CGAA ICCACCAG 18022 7062 GIGACAAC ACCGGUC 2716 AGGACCGC CUGAUGAG GCCGUUAGGC CGAA ICCACCAG 18022 7070 AGCGGUC C ACCCCCC 2718 GUUGAGA C CUGAUGAG GCCGUUAGGC CGAA ICCACCAG 18022 7070 AGCGGUC C ACCCCCCC 2718 GUUGAGA C CUGAUGAG GCCGUUAGGC CGAA IACCACCC 18024 7070 ACCGCCC C CACCCCC 2718 GUUGAGA C CUGAUGAG GCCGUUAGGC CGAA IACCACCC 18024 7070 ACCGCCC C CACCCC					
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F697 AGANUUC A GCNUGGGA 2703 UCCCAUGC CUGAUGAG GCCGUUAGGC CGAA IAAAUUCU 18011					
7000					
TO13	6997				
TO21	7000	AUUUCAGC A UGGGAGAG	2704		
TO28	7013	AGAGUUUC U UUUGGACU	2705	AGUCCAAA CUGAUGAG GCCGUUAGGC CGAA IAAACUCU	18013
7032 AGGCCGGC A ACAGCCUG 2708 CAGGCUGU CUGAUGAG GCCGUUAGGC CGAA ICCGGCCU 18016 7035 CCGGCAAC A GCCUGGUC 2709 GACCAGGC CUGAUGAG GCCGUUAGGC CGAA ICUGCCGG 18017 7038 GCAACAGC C UGGUCACU 2710 AGUGACCA CUGAUGAG GCCGUUAGGC CGAA ICUGUUGC 18018 7039 CAACAGCC U GGUCACUG 2711 CAGUGACCA CUGAUGAG GCCGUUAGGC CGAA ICUGUUGC 18018 7039 CAACAGCC U GGUCACUG 2711 CAGUGACC CUGAUGAG GCCGUUAGGC CGAA ICCUGUUGC 18018 7044 GCCUGGUC A CUGAUGAC 2712 GCGUACAG CUGAUGAG GCCGUUAGGC CGAA IACCAGGC 18020 7046 CUGGUCAC U GUACGCC 2713 CAGCGUAC CUGAUGAG GCCGUUAGGC CGAA IACCAGGC 18020 7053 CUGUACGC U GUGACGAC 2714 GUUGUCAC CUGAUGAG GCCGUUAGGC CGAA IUGACCAG 18021 7053 CUGUACGC U GUGACGAC 2715 ACCGCUGU CUGAUGAG GCCGUUAGGC CGAA IUGACCAG 18022 7059 GCUGUGAC A ACAGCGGU 2716 AGGACCGC CUGAUGAG GCCGUUAGGC CGAA IUCACAGC 18023 7069 CAGCGGUGC CUACUCCAC 2717 ACGCCUGA CUGAUGAG GCCGUUAGGC CGAA IUCACAGC 18025 7069 CAGCGGUGC CUACUCCAC 2717 AGGAGGUG CUGAUGAG GCCGUUAGGC CGAA IUCACAGC 18025 7070 AGCGGUCC CACUCCAC 2717 AGGAGGUG CUGAUGAG GCCGUUAGGC CGAA IUCACAGC 18026 7072 CAGUCCUC CACUCCAC 2719 CAGUGAGG CUGAUGAG GCCGUUAGGC CGAA IAGACCG 18026 7074 GUCCUCAC CACUCCAC 2719 CAGUGAGG CUGAUGAG GCCGUUAGGC CGAA IAGACCG 18027 7074 GUCCUCAC CACUCCAC 2720 AGCAGGGC CUGAUGAG GCCGUUAGGC CGAA IAGACCG 18028 7076 CCUCACUC CACUCCAA 2721 UUAGCAG CUGAUGAG GCCGUUAGGC CGAA IAGGACC 18028 7076 CCUCACUC CACUCCAA 2722 UUAGCAG CUGAUGAG GCCGUUAGGC CGAA IAGGACC 18028 7077 CUCACUCC CACUCCAC 2722 GUUAGCA CUGAUGAG GCCGUUAGGC CGAA IAGGUGAG 18029 7077 CUCACUCC CACUCCAA 2722 UUAGCAG CUGAUGAG GCCGUUAGGC CGAA IAGGUGAG 18028 7079 CACUCCAC CACUCCAC 2728 GCUUAGGC CUGAUGAG GCCGUUAGGC CGAA IAGGUGAG 18030 7096 AUUACACC CACUCACUC CACUCACUC 2725 UGAGCAGA CUGAUGAG GCCGUUAGGC CGAA IAGGUGAG 18033 7096 AUUACACC ACAUCACAC	7021	UUUUGGAC U UGAGGCCG	2706	CGGCCUCA CUGAUGAG GCCGUUAGGC CGAA IUCCAAAA	18014
7035	7028	CUUGAGGC C GGCAACAG	2707	CUGUUGCC CUGAUGAG GCCGUUAGGC CGAA ICCUCAAG	18015
7038 GCAACAGC C UGGUCACU 2710 AGUGACCA CUGAUGAG GCCGUUAGGC CGAA ICCUGUUGC 18018 7039 CAACAGCC U GGUCACUG 2711 CAGUGACC CUGAUGAG GCCGUUAGGC CGAA IGCUGUUG 18019 7044 GCCUGGUC A CUGUACGC 2712 GCGUACAG CUGAUGAG GCCGUUAGGC CGAA IGCUGUUG 18019 7046 CUGGUCAC U GUACCGC 2713 CAGCGUAC CUGAUGAG GCCGUUAGGC CGAA ICCAGGC 18020 7053 CUGUACGC U GUACACAC 2714 GUUGUCAC CUGAUGAG GCCGUUAGGC CGAA ICCAGCC 18021 7053 CUGUACGC U GUGACAAC 2714 GUUGUCAC CUGAUGAG GCCGUUAGGC CGAA ICCACAG 18022 7055 GCUGUAGAC A ACAGCGGU 2715 ACGCCUGU CUGAUGAG GCCGUUAGGC CGAA ICCACAGC 18023 7062 GUGACAAC ACGCGUCU 2716 AGGACCGC CUGAUGAG GCCGUUAGGC CGAA IUUGUCAC 18024 7069 CAGCGGUC U CACUCCAC 2717 UGGAGUGA CUGAUGAG GCCGUUAGGC CGAA IUUGUCAC 18024 7069 CAGCGGUC U CACUCCAC 2718 GUGGAGUG CUGAUGAG GCCGUUAGGC CGAA IUUGUCAC 18025 7070 AGCGGUCC U CACUCCAC 2718 GUGGAGUG CUGAUGAG GCCGUUAGGC CGAA IACCGCCU 18025 7074 GUCCUCAC U CACUCCAC 2719 CAGUGGAG CUGAUGAG GCCGUUAGGC CGAA IAGCCGCU 18027 7074 GUCCUCAC U CCACUGC 2719 CAGUGGAG CUGAUGAG GCCGUUAGGC CGAA IAGCCGCU 18027 7074 GUCCUCAC U CCACUGCU 2720 ACCACUGG CUGAUGAG GCCGUUAGGC CGAA IAGCACCC 18027 7076 CCUCACUC C CCUCCAUG 2721 UUAGCAG CUGAUGAG GCCGUUAGGC CGAA IAGUAGGG 18028 7077 CUCACUCC A CUGCUAAA 2721 UUAGCAG CUGAUGAG GCCGUUAGGC CGAA IAGUGAGG 18028 7077 CUCACUCC A CUGCUAAA 2722 UUAGCAG CUGAUGAG GCCGUUAGGC CGAA IAGUGAGG 18030 7082 UCCACUGC U AAAGCAU 2723 GCUUUAGG CUGAUGAG GCCGUUAGGC CGAA IAGUGAGG 18031 7082 UCCACUGC U AAAGCAU 2723 GCUUUAGG CUGAUGAG GCCGUUAGGC CGAA ICCGUGA 18031 7082 UCCACUGC A GAUUACAU 2727 AUGUAAA CUGAUGAG GCCGUUAGGC CGAA ICCGUGA 18031 7082 UCCACUGC A GAUUACAU 2727 AUGUAAU CUGAUGAG GCCGUUAGGC CGAA ICCGUGA 18031 7084 AUGUACAC A CUCACACC 2728 GUGUAGAG GCCGUUAGGC CGAA ICCGUGA 18036 7111 AUCACACC C UCAUGAC 2730 GUGAUGAG GCCGUUAGGC CGAA ICCGUGA 18036 7114 ACACCAC C UCAUGAC	7032	AGGCCGGC A ACAGCCUG	2708	CAGGCUGU CUGAUGAG GCCGUUAGGC CGAA ICCGGCCU	18016
CAACAGCC U GGUCACUG	7035	CCGGCAAC A GCCUGGUC	2709	GACCAGGC CUGAUGAG GCCGUUAGGC CGAA IUUGCCGG	18017
7039	7038	GCAACAGC C UGGUCACU	2710	AGUGACCA CUGAUGAG GCCGUUAGGC CGAA ICUGUUGC	18018
TOTA			2711	CAGUGACC CUGAUGAG GCCGUUAGGC CGAA IGCUGUUG	18019
7046				GCGUACAG CUGAUGAG GCCGUUAGGC CGAA IACCAGGC	18020
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7143 GUUCAGGC A AGUGCACU 2738 AGUGCACU CUGAUGAG GCCGUUAGGC CGAA ICCUGAAC 18046 7149 GCAAGUGC A CUAUUCAC 2739 GUGAAUAG CUGAUGAG GCCGUUAGGC CGAA ICACUUGC 18047 7151 AAGUGCAC U AUUCACAC 2740 GUGUGAAU CUGAUGAG GCCGUUAGGC CGAA IUGCACUU 18048 7156 CACUAUUC A CACUCGCG 2741 CGCGAGUG CUGAUGAG GCCGUUAGGC CGAA IAAUAGUG 18049					+
7149 GCAAGUGC A CUAUUCAC 2739 GUGAAUAG CUGAUGAG GCCGUUAGGC CGAA ICACUUGC 18047 7151 AAGUGCAC U AUUCACAC 2740 GUGUGAAU CUGAUGAG GCCGUUAGGC CGAA IUGCACUU 18048 7156 CACUAUUC A CACUCGCG 2741 CGCGAGUG CUGAUGAG GCCGUUAGGC CGAA IAAUAGUG 18049					
7151 AAGUGCAC U AUUCACAC 2740 GUGUGAAU CUGAUGAG GCCGUUAGGC CGAA IUGCACUU 18048 7156 CACUAUUC A CACUCGCG 2741 CGCGAGUG CUGAUGAG GCCGUUAGGC CGAA IAAUAGUG 18049					
7156 CACUAUUC A CACUCGCG 2741 CGCGAGUG CUGAUGAG GCCGUUAGGC CGAA IAAUAGUG 18049					
					
7158 CUAUUCAC A CUCGCGCG 2742 CGCGCGAG CUGAUGAG GCCGUUAGGC CGAA IUGAAUAG 18050					18049
	7158	CUAUUCAC A CUCGCGCG	2742	CGCGCGAG CUGAUGAG GCCGUUAGGC CGAA IUGAAUAG	18050

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71.60	AUUCACAC U CGCGCGAG	2743	CUCGCGCG CUGAUGAG GCCGUUAGGC CGAA IUGUGAAU	18051
7160	CGCGAGGC U UCCCCUUC	2744	GAAGGGGA CUGAUGAG GCCGUUAGGC CGAA ICCUCGCG	
7171				18052
7174	GAGGCUUC C CCUUCGUC	2745	GACGAAGG CUGAUGAG GCCGUUAGGC CGAA IAAGCCUC	18053
7175	AGGCUUCC C CUUCGUCG	2746	CGACGAAG CUGAUGAG GCCGUUAGGC CGAA IGAAGCCU	18054
7176	GGCUUCCC C UUCGUCGA	2747	UCGACGAA CUGAUGAG GCCGUUAGGC CGAA IGGAAGCC	18055
7177	GCUUCCCC U UCGUCGAU	2748	AUCGACGA CUGAUGAG GCCGUUAGGC CGAA IGGGAAGC	18056
7200	GUGUCGGC U CUCCUGCU	2749	AGCAGGAG CUGAUGAG GCCGUUAGGC CGAA ICCGACAC	18057
7202	GUCGGCUC U CCUGCUAG	2750	CUAGCAGG CUGAUGAG GCCGUUAGGC CGAA IAGCCGAC	18058
7204	CGGCUCUC C UGCUAGCA	2751	UGCUAGCA CUGAUGAG GCCGUUAGGC CGAA IAGAGCCG	18059
7205	GGCUCUCC U GCUAGCAG	2752	CUGCUAGC CUGAUGAG GCCGUUAGGC CGAA IGAGAGCC	18060
7208	UCUCCUGC U AGCAGCCG	2753	CGGCUGCU CUGAUGAG GCCGUUAGGC CGAA ICAGGAGA	18061
7212	CUGCUAGC A GCCGGAUG	2754	CAUCCGGC CUGAUGAG GCCGUUAGGC CGAA ICUAGCAG	18062
7215	CUAGCAGC C GGAUGCUG	2755	CAGCAUCC CUGAUGAG GCCGUUAGGC CGAA ICUGCUAG	18063
7222	CCGGAUGC U GGGGACAA	2756	UUGUCCCC CUGAUGAG GCCGUUAGGC CGAA ICAUCCGG	18064
7229	CUGGGGAC A AGUCACCC	2757	GGGUGACU CUGAUGAG GCCGUUAGGC CGAA IUCCCCAG	18065
7234	GACAAGUC A CCCUCACC	2758	GGUGAGGG CUGAUGAG GCCGUUAGGC CGAA IACUUGUC	18066
7236	CAAGUCAC C CUCACCGU	2759	ACGGUGAG CUGAUGAG GCCGUUAGGC CGAA IUGACUUG	18067
7237	AAGUCACC C UCACCGUU	2760	AACGGUGA CUGAUGAG GCCGUUAGGC CGAA IGUGACUU	18068
7238	AGUCACCC U CACCGUUA	2761	UAACGGUG CUGAUGAG GCCGUUAGGC CGAA IGGUGACU	18069
7240	UCACCCUC A CCGUUACG	2762	CGUAACGG CUGAUGAG GCCGUUAGGC CGAA IAGGGUGA	18070
7242	ACCCUCAC C GUUACGGU	2763	ACCGUAAC CUGAUGAG GCCGUUAGGC CGAA IUGAGGGU	18071
7254	ACGGUAAC A GCGGCAAC	2764	GUUGCCGC CUGAUGAG GCCGUUAGGC CGAA IUUACCGU	18072
7260	ACAGCGGC A ACACUCCU	2765	AGGAGUGU CUGAUGAG GCCGUUAGGC CGAA ICCGCUGU	18073
7263	GCGGCAAC A CUCCUUUU	2766	AAAAGGAG CUGAUGAG GCCGUUAGGC CGAA IUUGCCGC	18074
7265	GGCACAC U CCUUUUU	2767	AAAAAAGG CUGAUGAG GCCGUUAGGC CGAA IUGUUGCC	18075
7267	CAACACUC C UUUUUUGC	2768	GCAAAAAA CUGAUGAG GCCGUUAGGC CGAA IAGUGUUG	18076
7268	AACACUCC U UUUUUGCC	2769	GGCAAAAA CUGAUGAG GCCGUUAGGC CGAA IGAGUGUU	18077
7276	UUUUUUGC C ACUAUGCC	2770	GGCAUAGU CUGAUGAG GCCGUUAGGC CGAA ICAAAAAA	
7277	UUUUUGCC A CUAUGCCU	2771	AGGCAUAG CUGAUGAG GCCGUUAGGC CGAA ICCAAAAA	18078 18079
7277	UUUGCCAC U AUGCCUAC	2772	GUAGGCAU CUGAUGAG GCCGUUAGGC CGAA IUGGCAAAA	
7284	CACUAUGC C UACAUGGU	2773	ACCAUGUA CUGAUGAG GCCGUUAGGC CGAA ICAUAGUG	18080
7285	ACUAUGCC U ACAUGGUU	2774	AACCAUGU CUGAUGAG GCCGUUAGGC CGAA ICAUAGU	18081
7288	AUGCCUAC A UGGUUCCC	2775	GGGAACCA CUGAUGAG GCCGUUAGGC CGAA IUAGGCAU	18082 18083
7295	CAUGGUUC C CGGUUGGC	2776	GCCAACCG CUGAUGAG GCCGUUAGGC CGAA IAACCAUG	
				18084
7296	AUGGUUCC C GGUUGGCA	2777	UGCCAACC CUGAUGAG GCCGUUAGGC CGAA IGAACCAU	18085
7304	CGGUUGGC A AGCUGAGG	2778	CCUCAGCU CUGAUGAG GCCGUUAGGC CGAA ICCAACCG	18086
7308	UGGCAAGC U GAGGCAAU	2779	AUUGCCUC CUGAUGAG GCCGUUAGGC CGAA ICUUGCCA	18087
7314	GCUGAGGC A AUGCGCUC	2780	GAGCGCAU CUGAUGAG GCCGUUAGGC CGAA ICCUCAGC	18088
7321	CAAUGCGC U CAGCCCAG	2781	CUGGGCUG CUGAUGAG GCCGUUAGGC CGAA ICGCAUUG	18089
7323	AUGCGCUC A GCCCAGCG	2782	CGCUGGGC CUGAUGAG GCCGUUAGGC CGAA IAGCGCAU	18090
7326	CGCUCAGC C CAGCGGCG	2783	CGCCGCUG CUGAUGAG GCCGUUAGGC CGAA ICUGAGCG	18091
7327	GCUCAGCC C AGCGGCGG	2784	CCGCCGCU CUGAUGAG GCCGUUAGGC CGAA IGCUGAGC	18092
7328	CUCAGCCC A GCGGCGGA	2785	UCCGCCGC CUGAUGAG GCCGUUAGGC CGAA IGGCUGAG	18093
7338	CGGCGGAC A GCGGCCGG	2786	CCGGCCGC CUGAUGAG GCCGUUAGGC CGAA IUCCGCCG	18094
7344	ACAGCGGC C GGAAUCAU	2787	AUGAUUCC CUGAUGAG GCCGUUAGGC CGAA ICCGCUGU	18095
7351	CCGGAAUC A UGAAGAAC	2788	GUUCUUCA CUGAUGAG GCCGUUAGGC CGAA IAUUCCGG	18096
7362	AAGAACGC U GUAGUGGA	2789	UCCACUAC CUGAUGAG GCCGUUAGGC CGAA ICGUUCUU	18097
7375	UGGAUGGC A UCGUGGCC	2790	GGCCACGA CUGAUGAG GCCGUUAGGC CGAA ICCAUCCA	18098
7383	AUCGUGGC C ACGGACGU	2791	ACGUCCGU CUGAUGAG GCCGUUAGGC CGAA ICCACGAU	18099
7384	UCGUGGCC A CGGACGUC	2792	GACGUCCG CUGAUGAG GCCGUUAGGC CGAA IGCCACGA	18100
7393	CGGACGUC C CAGAAUUA	2793	UAAUUCUG CUGAUGAG GCCGUUAGGC CGAA IACGUCCG	18101
7394	GGACGUCC C AGAAUUAG	2794	CUAAUUCU CUGAUGAG GCCGUUAGGC CGAA IGACGUCC	18102
7395	GACGUCCC A GAAUUAGA	2795	UCUAAUUC CUGAUGAG GCCGUUAGGC CGAA IGGACGUC	18103
7408	UAGAGCGC A CCACACCC	2796	GGGUGUGG CUGAUGAG GCCGUUAGGC CGAA ICGCUCUA	18104
7410	GAGCGCAC C ACACCCAU	2797	AUGGGUGU CUGAUGAG GCCGUUAGGC CGAA IUGCGCUC	18105
7411	AGCGCACC A CACCCAUC	2798	GAUGGGUG CUGAUGAG GCCGUUAGGC CGAA IGUGCGCU	18106
7413	CGCACCAC A CCCAUCAU	2799	AUGAUGGG CUGAUGAG GCCGUUAGGC CGAA IUGGUGCG	18107
7415	CACCACAC C CAUCAUGC	2800	GCAUGAUG CUGAUGAG GCCGUUAGGC CGAA IUGUGGUG	18108
7416	ACCACACC C AUCAUGCA	2801	UGCAUGAU CUGAUGAG GCCGUUAGGC CGAA IGUGUGGU	18109
7417	CCACACCC A UCAUGCAG	2802	CUGCAUGA CUGAUGAG GCCGUUAGGC CGAA IGGUGUGG	18110
7420	CACCCAUC A UGCAGAAG	2803	CUUCUGCA CUGAUGAG GCCGUUAGGC CGAA IAUGGGUG	18111

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7424	CAUCAUGC A GAAGAAAG	2804	CUUUCUUC CUGAUGAG GCCGUUAGGC CGAA ICAUGAUG	18112
7439	AGUUGGAC A GAUCAUGC	2805	GCAUGAUC CUGAUGAG GCCGUUAGGC CGAA IUCCAACU	18113
7444	GACAGAUC A UGCUGAUC	2806	GAUCAGCA CUGAUGAG GCCGUUAGGC CGAA IAUCUGUC	18114
7448	GAUCAUGC U GAUCUUGG	2807	CCAAGAUC CUGAUGAG GCCGUUAGGC CGAA ICAUGAUC	18115
7453	UGCUGAUC U UGGUGUCU	2808	AGACACCA CUGAUGAG GCCGUUAGGC CGAA IAUCAGCA	18116
7461	UUGGUGUC U CUAGCUGC	2809	GCAGCUAG CUGAUGAG GCCGUUAGGC CGAA IACACCAA	18117
7463	GGUGUCUC U AGCUGCAG	2810	CUGCAGCU CUGAUGAG GCCGUUAGGC CGAA IAGACACC	
				18118
7467	UCUCUAGC U GCAGUAGU	2811	ACUACUGC CUGAUGAG GCCGUUAGGC CGAA ICUAGAGA	18119
7470	CUAGCUGC A GUAGUAGU	2812	ACUACUAC CUGAUGAG GCCGUUAGGC CGAA ICAGCUAG	18120
7483	UAGUGAAC C CGUCUGUG	2813	CACAGACG CUGAUGAG GCCGUUAGGC CGAA IUUCACUA	18121
7484	AGUGAACC C GUCUGUGA	2814	UCACAGAC CUGAUGAG GCCGUUAGGC CGAA IGUUCACU	18122
7488	AACCCGUC U GUGAAGAC	2815	GUCUUCAC CUGAUGAG GCCGUUAGGC CGAA IACGGGUU	18123
7497	GUGAAGAC A GUACGAGA	2816	UCUCGUAC CUGAUGAG GCCGUUAGGC CGAA IUCUUCAC	18124
7509	CGAGAAGC C GGAAUUUU	2817	AAAAUUCC CUGAUGAG GCCGUUAGGC CGAA ICUUCUCG	18125
7522	UUUUGAUC A CGGCCGCA	2818	UGCGGCCG CUGAUGAG GCCGUUAGGC CGAA IAUCAAAA	18126
7527	AUCACGGC C GCAGCGGU	2819		
				18127
7530	ACGGCCGC A GCGGUGAC	2820	GUCACCGC CUGAUGAG GCCGUUAGGC CGAA ICGGCCGU	18128
7541	GGUGACGC U UUGGGAGA	. 2821	UCUCCCAA CUGAUGAG GCCGUUAGGC CGAA ICGUCACC	18129
7557	AAUGGAGC A AGCUCUGU	2822	ACAGAGCU CUGAUGAG GCCGUUAGGC CGAA ICUCCAUU	18130
7561	GAGCAAGC U CUGUUUGG	2823	CCAAACAG CUGAUGAG GCCGUUAGGC CGAA ICUUGCUC	18131
7563	GCAAGCUC U GUUUGGAA	2824	UUCCAAAC CUGAUGAG GCCGUUAGGC CGAA IAGCUUGC	18132
7575	UGGAACGC A ACAACUGC	2825	GCAGUUGU CUGAUGAG GCCGUUAGGC CGAA ICGUUCCA	18133
7578	AACGCAAC A ACUGCCAU	2826	AUGGCAGU CUGAUGAG GCCGUUAGGC CGAA IUUGCGUU	18134
7581	GCAACAAC U GCCAUCGG	2827	CCGAUGGC CUGAUGAG GCCGUUAGGC CGAA IUUGUUGC	18135
7584	ACAACUGC C AUCGGACU	2828	AGUCCGAU CUGAUGAG GCCGUUAGGC CGAA ICAGUUGU	18136
7585	CAACUGCC A UCGGACUC	2829	GAGUCCGA CUGAUGAG GCCGUUAGGC CGAA IGCAGUUG	18137
7592	CAUCGGAC U CUGCCACA	2830	UGUGGCAG CUGAUGAG GCCGUUAGGC CGAA IUCCGAUG	18138
7594	UCGGACUC U GCCACAUC	2831	GAUGUGGC CUGAUGAG GCCGUUAGGC CGAA IAGUCCGA	18139
7597	GACUCUGC C ACAUCAUG	2832	CAUGAUGU CUGAUGAG GCCGUUAGGC CGAA ICAGAGUC	
7598	ACUCUGCC A CAUCAUGC	2833		18140
7600			GCAUGAUG CUGAUGAG GCCGUUAGGC CGAA IGCAGAGU	18141
	UCUGCCAC A UCAUGCGU	2834	ACGCAUGA CUGAUGAG GCCGUUAGGC CGAA IUGGCAGA	18142
7603	GCCACAUC A UGCGUGGG	2835	CCCACGCA CUGAUGAG GCCGUUAGGC CGAA IAUGUGGC	18143
7623	UGGUUGUC A UGUCUAUC	2836	GAUAGACA CUGAUGAG GCCGUUAGGC CGAA IACAACCA	18144
7628	GUCAUGUC U AUCCAUAA	2837	UUAUGGAU CUGAUGAG GCCGUUAGGC CGAA IACAUGAC	18145
7632	UGUCUAUC C AUAACAUG	2838	CAUGUUAU CUGAUGAG GCCGUUAGGC CGAA IAUAGACA	18146
7633	GUCUAUCC A UAACAUGG	2839	CCAUGUUA CUGAUGAG GCCGUUAGGC CGAA IGAUAGAC	18147
7638	UCCAUAAC A UGGACACU	2840	AGUGUCCA CUGAUGAG GCCGUUAGGC CGAA IUUAUGGA	18148
7644	ACAUGGAC A CUCAUAAA	2841	UUUAUGAG CUGAUGAG GCCGUUAGGC CGAA IUCCAUGU	18149
7646	AUGGACAC U CAUAAAGA	2842	UCUUUAUG CUGAUGAG GCCGUUAGGC CGAA IUGUCCAU	18150
7648	GGACACUC A UAAAGAAC	2843	GUUCUUUA CUGAUGAG GCCGUUAGGC CGAA IAGUGUCC	18151
7657	UAAAGAAC A UGGAAAAA	2844	UUUUUCCA CUGAUGAG GCCGUUAGGC CGAA IUUCUUUA	18152
7667	GGAAAAAC C AGGACUAA	2845	UUAGUCCU CUGAUGAG GCCGUUAGGC CGAA IUUUUUCC	18153
7668	GAAAAACC A GGACUAAA	2846	UUUAGUCC CUGAUGAG GCCGUUAGGC CGAA IGUUUUUC	18154
7673	ACCAGGAC U AAAAAGAG	2847	CUCUUUUU CUGAUGAG GCCGUUAGGC CGAA IUCCUGGU	18155
7689	GGUGGGGC A AAAGGACG	2848	CGUCCUUU CUGAUGAG GCCGUUAGGC CGAA ICCCCACC	
7699	AAGGACGC A CCUUGGGA	2849	UCCCAAGG CUGAUGAG GCCGUUAGGC CGAA ICCCCACC	18156
7701	GGACGCAC C UUGGGAGA	2850		18157
7702	GACGCACC U UGGGAGAG		UCUCCCAA CUGAUGAG GCCGUUAGGC CGAA IUGCGUCC	18158
7727	AGAAAGAC U CAACCAGA	2851	CUCUCCCA CUGAUGAG GCCGUUAGGC CGAA IGUGCGUC	18159
h		2852	UCUGGUUG CUGAUGAG GCCGUUAGGC CGAA IUCUUUCU	18160
7729	AAAGACUC A ACCAGAUG	2853	CAUCUGGU CUGAUGAG GCCGUUAGGC CGAA IAGUCUUU	18161
7732	GACUCAAC C AGAUGACA	2854	UGUCAUCU CUGAUGAG GCCGUUAGGC CGAA IUUGAGUC	18162
7733	ACUCAACC A GAUGACAA	2855	UUGUCAUC CUGAUGAG GCCGUUAGGC CGAA IGUUGAGU	18163
7740	CAGAUGAC A AAAGAAGA	2856	UCUUCUUU CUGAUGAG GCCGUUAGGC CGAA IUCAUCUG	18164
7753	AAGAGUUC A CUAGGUAC	2857	GUACCUAG CUGAUGAG GCCGUUAGGC CGAA IAACUCUU	18165
7755	GAGUUCAC U AGGUACCG	2858	CGGUACCU CUGAUGAG GCCGUUAGGC CGAA IUGAACUC	18166
7762	CUAGGUAC C GCAAAGAG	2859	CUCUUUGC CUGAUGAG GCCGUUAGGC CGAA IUACCUAG	18167
7765	GGUACCGC A AAGAGGCC	2860	GGCCUCUU CUGAUGAG GCCGUUAGGC CGAA ICGGUACC	18168
7773	AAAGAGGC C AUCAUCGA	2861	UCGAUGAU CUGAUGAG GCCGUUAGGC CGAA ICCUCUUU	18169
7774	AAGAGGCC A UCAUCGAA	2862	UUCGAUGA CUGAUGAG GCCGUUAGGC CGAA IGCCUCUU	18170
7777	AGGCCAUC A UCGAAGUC	2863	GACUUCGA CUGAUGAG GCCGUUAGGC CGAA IAUGGCCU	18171
7792	UCGAUCGC U CAGCGGCA	2864	UGCCGCUG CUGAUGAG GCCGUUAGGC CGAA ICGAUCGA	18172
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7794	GAUCGCUC A GCGGCAAA	2865	UUUGCCGC CUGAUGAG GCCGUUAGGC CGAA IAGCGAUC	18173
7800	UCAGCGGC A AAACACGC	2866	GCGUGUUU CUGAUGAG GCCGUUAGGC CGAA ICCGCUGA	18174
7805	GGCAAAAC A CGCCAGGA	2867	UCCUGGCG CUGAUGAG GCCGUUAGGC CGAA IUUUUGCC	18175
7809	AAACACGC C AGGAAAGA	2868	UCUUUCCU CUGAUGAG GCCGUUAGGC CGAA ICGUGUUU	18176
7810	AACACGCC A GGAAAGAA	2869	UUCUUUCC CUGAUGAG GCCGUUAGGC CGAA IGCGUGUU	18177
7822	AAGAAGGC A AUGUCACU	2870	AGUGACAU CUGAUGAG GCCGUUAGGC CGAA ICCUUCUU	18178
7828	GCAAUGUC A CUGGAGGG	2871	CCCUCCAG CUGAUGAG GCCGUUAGGC CGAA IACAUUGC	18179
7830	AAUGUCAC U GGAGGGCA	2872	UGCCCUCC CUGAUGAG GCCGUUAGGC CGAA IUGACAUU	18180
7838	UGGAGGGC A UCCAGUCU	2873	AGACUGGA CUGAUGAG GCCGUUAGGC CGAA ICCCUCCA	18181
7841	AGGGCAUC C AGUCUCUA	2874	UAGAGACU CUGAUGAG GCCGUUAGGC CGAA IAUGCCCU	18182
7842	GGGCAUCC A GUCUCUAG	2875	CUAGAGAC CUGAUGAG GCCGUUAGGC CGAA IGAUGCCC	
7846	AUCCAGUC U CUAGGGGC	2876		18183
7848	CCAGUCUC U AGGGGCAC		GCCCCUAG CUGAUGAG GCCGUUAGGC CGAA IACUGGAU	18184
		2877	GUGCCCCU CUGAUGAG GCCGUUAGGC CGAA IAGACUGG	18185
7855	CUAGGGGC A CAGCAAAA	2878	UUUUGCUG CUGAUGAG GCCGUUAGGC CGAA ICCCCUAG	18186
7857	AGGGCAC A GCAAAACU	2879	AGUUUUGC CUGAUGAG GCCGUUAGGC CGAA IUGCCCCU	18187
7860	GGCACAGC A AAACUGAG	2880	CUCAGUUU CUGAUGAG GCCGUUAGGC CGAA ICUGUGCC	18188
7865	AGCAAAAC U GAGAUGGC	2881	GCCAUCUC CUGAUGAG GCCGUUAGGC CGAA IUUUUGCU	18189
7874	GAGAUGGC U GGUCGAAC	2882	GUUCGACC CUGAUGAG GCCGUUAGGC CGAA ICCAUCUC	18190
7892	GAGGUUUC U CGAACCGG	2883	CCGGUUCG CUGAUGAG GCCGUUAGGC CGAA IAAACCUC	18191
7898	UCUCGAAC C GGUCGGAA	2884	UUCCGACC CUGAUGAG GCCGUUAGGC CGAA IUUCGAGA	18192
7918	UGAUUGAC C UUGGAUGU	2885	ACAUCCAA CUGAUGAG GCCGUUAGGC CGAA IUCAAUCA	18193
7919	GAUUGACC U UGGAUGUG	2886	CACAUCCA CUGAUGAG GCCGUUAGGC CGAA IGUCAAUC	18194
7948	GGUGUUAC U AUAUGGCA	2887	UGCCAUAU CUGAUGAG GCCGUUAGGC CGAA IUAACACC	18195
7956	UAUAUGGC A ACCCAAAA	2888	UUUUGGGU CUGAUGAG GCCGUUAGGC CGAA ICCAUAUA	18196
7959	AUGGCAAC C CAAAAAAG	2889	CUUUUUUG CUGAUGAG GCCGUUAGGC CGAA IUUGCCAU	18197
7960	UGGCAACC C AAAAAAGA	2890	UCUUUUUU CUGAUGAG GCCGUUAGGC CGAA IGUUGCCA	18198
7961	GGCAACCC A AAAAAGAG	2891	CUCUUUUU CUGAUGAG GCCGUUAGGC CGAA IGGUUGCC	18199
7972	AAAGAGUC C AAGAAGUC	2892	GACUUCUU CUGAUGAG GCCGUUAGGC CGAA IACUCUUU	18200
7973	AAGAGUCC A AGAAGUCA	2893	UGACUUCU CUGAUGAG GCCGUUAGGC CGAA IGACUCUU	18201
7981	AAGAAGUC A GAGGGUAC	2894	GUACCCUC CUGAUGAG GCCGUUAGGC CGAA IACUUCUU	
7990	GAGGGUAC A CAAAGGGC	2895		18202
7992	GGGUACAC A CAAAGGGC GGGUACAC A AAGGGCGG		GCCCUUUG CUGAUGAG GCCGUUAGGC CGAA IUACCCUC	18203
8003		2896	CCGCCCUU CUGAUGAG GCCGUUAGGC CGAA IUGUACCC	18204
	GGGCGGUC C CGGACAUG	2897	CAUGUCCG CUGAUGAG GCCGUUAGGC CGAA IACCGCCC	18205
8004	GGCGGUCC C GGACAUGA	2898	UCAUGUCC CUGAUGAG GCCGUUAGGC CGAA IGACCGCC	18206
8009	UCCCGGAC A UGAAGAGC	2899	GCUCUUCA CUGAUGAG GCCGUUAGGC CGAA IUCCGGGA	18207
8018	UGAAGAGC C CCAACUAG	2900	CUAGUUGG CUGAUGAG GCCGUUAGGC CGAA ICUCUUCA	18208
8019	GAAGAGCC C CAACUAGU	2901	ACUAGUUG CUGAUGAG GCCGUUAGGC CGAA IGCUCUUC	18209
8020	AAGAGCCC C AACUAGUG	2902	CACUAGUU CUGAUGAG GCCGUUAGGC CGAA IGGCUCUU	18210
8021	AGAGCCCC A ACUAGUGC	2903	GCACUAGU CUGAUGAG GCCGUUAGGC CGAA IGGGCUCU	18211
8024	GCCCCAAC U AGUGCAAA	2904	UUUGCACU CUGAUGAG GCCGUUAGGC CGAA IUUGGGGC	18212
8030	ACUAGUGC A AAGUUAUG	2905	CAUAACUU CUGAUGAG GCCGUUAGGC CGAA ICACUAGU	18213
8047	GAUGGAAC A UUGUCACC	2906	GGUGACAA CUGAUGAG GCCGUUAGGC CGAA IUUCCAUC	18214
8053	ACAUUGUC A CCAUGAAG	2907	CUUCAUGG CUGAUGAG GCCGUUAGGC CGAA IACAAUGU	18215
8055	AUUGUCAC C AUGAAGAG	2908	CUCUUCAU CUGAUGAG GCCGUUAGGC CGAA IUGACAAU	18216
8056	UUGUCACC A UGAAGAGU	2909	ACUCUUCA CUGAUGAG GCCGUUAGGC CGAA IGUGACAA	18217
8080	AUGUGUUC U ACAGACCU	2910	AGGUCUGU CUGAUGAG GCCGUUAGGC CGAA IAACACAU	18218
8083	UGUUCUAC A GACCUUCU	2911	AGAAGGUC CUGAUGAG GCCGUUAGGC CGAA IUAGAACA	18219
8087	CUACAGAC C UUCUGAGU	2912	ACUCAGAA CUGAUGAG GCCGUUAGGC CGAA IUCUGUAG	18220
8088	UACAGACC U UCUGAGUG	2913	CACUCAGA CUGAUGAG GCCGUUAGGC CGAA IGUCUGUA	18221
8091	AGACCUUC U GAGUGUUG	2914	CAACACUC CUGAUGAG GCCGUUAGGC CGAA IAAGGUCU	18222
8104	GUUGUGAC A CCCUCCUU	2915	AAGGAGGG CUGAUGAG GCCGUUAGGC CGAA IUCACAAC	
8106	UGUGACAC C CUCCUUUG	2916		18223
8107	GUGACACC C UCCUUUGU		CAAAGGAG CUGAUGAG GCCGUUAGGC CGAA IUGUCACA	18224
8108	UGACACCC U CCUUUGUG	2917	ACAAAGGA CUGAUGAG GCCGUUAGGC CGAA IGUGUCAC	18225
		2918	CACAAAGG CUGAUGAG GCCGUUAGGC CGAA IGGUGUCA	18226
8110	ACACCCUC C UUUGUGAC	2919	GUCACAAA CUGAUGAG GCCGUUAGGC CGAA IAGGGUGU	18227
8111	CACCCUCC U UUGUGACA	2920	UGUCACAA CUGAUGAG GCCGUUAGGC CGAA IGAGGGUG	18228
8119	UUUGUGAC A UCGGAGAG	2921	CUCUCCGA CUGAUGAG GCCGUUAGGC CGAA IUCACAAA	18229
8130	GGAGAGUC C UCGUCAAG	2922	CUUGACGA CUGAUGAG GCCGUUAGGC CGAA IACUCUCC	18230
8131	GAGAGUCC U CGUCAAGU	2923	ACUUGACG CUGAUGAG GCCGUUAGGC CGAA IGACUCUC	18231
8136	UCCUCGUC A AGUGCUGA	2924	UCAGCACU CUGAUGAG GCCGUUAGGC CGAA IACGAGGA	18232
8142	UCAAGUGC U GAGGUUGA	2925	UCAACCUC CUGAUGAG GCCGUUAGGC CGAA ICACUUGA	18233

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Table IV UCGUCCUA CUGAUGAG GCCGUUAGGC CGAA ICUCUUCA UGAAGAGC A UAGGACGA 2926 8156 18234 UUCGGGUC C UUGAAAUG CAUUUCAA CUGAUGAG GCCGUUAGGC CGAA IACCCGAA 2927 8173 18235 UCGGGUCC U UGAAAUGG CCAUUUCA CUGAUGAG GCCGUUAGGC CGAA IGACCCGA 2928 8174 18236 UUGAGGAC U GGCUGCAC GUGCAGCC CUGAUGAG GCCGUUAGGC CGAA IUCCUCAA 2929 8191 18237 GGACUGGC U GCACCGAG 2930 CUCGGUGC CUGAUGAG GCCGUUAGGC CGAA ICCAGUCC 81.95 18238 CUGGCUGC A CCGAGGGC GCCCUCGG CUGAUGAG GCCGUUAGGC CGAA ICAGCCAG 8198 2931 18239 GGCUGCAC C GAGGGCCA UGGCCCUC CUGAUGAG GCCGUUAGGC CGAA IUGCAGCC 8200 2932 18240 AUUCCCUU CUGAUGAG GCCGUUAGGC CGAA ICCCUCGG CCGAGGGC C AAGGGAAU 2933 8207 18241 AAUUCCCU CUGAUGAG GCCGUUAGGC CGAA IGCCCUCG CGAGGGCC A AGGGAAUU 8208 2934 18242 AGGGGCAG CUGAUGAG GCCGUUAGGC CGAA ICACCUUC GAAGGUGC U CUGCCCCU 2935 8231 18243 GUAGGGC CUGAUGAG GCCGUUAGGC CGAA IAGCACCU AGGUGCUC U GCCCCUAC 2936 8233 18244 UGCUCUGC C CCUACAUG CAUGUAGG CUGAUGAG GCCGUUAGGC CGAA ICAGAGCA 8236 2937 18245 8237 GCUCUGCC C CUACAUGC 2938 GCAUGUAG CUGAUGAG GCCGUUAGGC CGAA IGCAGAGC 18246 CUCUGCCC C UACAUGCC 2939 GGCAUGUA CUGAUGAG GCCGUUAGGC CGAA IGGCAGAG 8238 18247 8239 UCUGCCCC U ACAUGCCG 2940 CGGCAUGU CUGAUGAG GCCGUUAGGC CGAA IGGGCAGA 18248 8242 GCCCCUAC A UGCCGAAA 2941 UUUCGGCA CUGAUGAG GCCGUUAGGC CGAA IUAGGGGC 18249 UGACUUUC CUGAUGAG GCCGUUAGGC CGAA ICAUGUAG 8246 CUACAUGC C GAAAGUCA 2942 18250 8254 CGAAAGUC A UAGAGAAG 2943 CUUCUCUA CUGAUGAG GCCGUUAGGC CGAA IACUUUCG 18251 **B270** GAUGGAGC U GCUCCAAC GUUGGAGC CUGAUGAG GCCGUUAGGC CGAA ICUCCAUC 2944 18252 8273 GGAGCUGC U CCAACGCC 2945 GGCGUUGG CUGAUGAG GCCGUUAGGC CGAA ICAGCUCC 18253 8275 AGCUGCUC C AACGCCGG 2946 CCGGCGUU CUGAUGAG GCCGUUAGGC CGAA IAGCAGCU 18254 8276 GCUGCUCC A ACGCCGGU 2947 ACCGGCGU CUGAUGAG GCCGUUAGGC CGAA IGAGCAGC 18255 8281 UCCAACGC C GGUAUGGG 2948 CCCAUACC CUGAUGAG GCCGUUAGGC CGAA ICGUUGGA 18256 8297 GGGGGGAC U GGUCAGAA 2949 UUCUGACC CUGAUGAG GCCGUUAGGC CGAA IUCCCCCC 18257 GACUGGUC A GAAACCCA UGGGUUUC CUGAUGAG GCCGUUAGGC CGAA IACCAGUC 8302 2950 18258 8308 UCAGAAAC C CACUCUCA 2951 UGAGAGUG CUGAUGAG GCCGUUAGGC CGAA IUUUCUGA 18259 8309 CAGAAACC C ACUCUCAC 2952 GUGAGAGU CUGAUGAG GCCGUUAGGC CGAA IGUUUCUG 18260 AGAAACCC A CUCUCACG CGUGAGAG CUGAUGAG GCCGUUAGGC CGAA IGGUUUCU 8310 2953 18261 2954 8312 AAACCCAC U CUCACGGA UCCGUGAG CUGAUGAG GCCGUUAGGC CGAA IUGGGUUU 18262 ACCCACUC U CACGGAAU AUUCCGUG CUGAUGAG GCCGUUAGGC CGAA IAGUGGGU 8314 2955 18263 GAAUUCCG CUGAUGAG GCCGUUAGGC CGAA IAGAGUGG 8316 CCACUCUC A CGGAAUUC 2956 18264 UCGUGCGU CUGAUGAG GCCGUUAGGC CGAA IAAUUCCG 8325 CGGAAUUC C ACGCACGA 2957 18265 8326 GGAAUUCC A CGCACGAG 2958 CUCGUGCG CUGAUGAG GCCGUUAGGC CGAA IGAAUUCC 18266 ACAUCUCG CUGAUGAG GCCGUUAGGC CGAA ICGUGGAA 8330 UUCCACGC A CGAGAUGU 2959 18267 8355 AGUCGAGC U UCAGGCAA 2960 UUGCCUGA CUGAUGAG GCCGUUAGGC CGAA ICUCGACU 18268 8358 CGAGCUUC A GGCAAUGU 2961 ACAUUGCC CUGAUGAG GCCGUUAGGC CGAA IAAGCUCG 18269 CUUCAGGC A AUGUGGUA 8362 2962 UACCACAU CUGAUGAG GCCGUUAGGC CGAA ICCUGAAG 18270 UGUGGUAC A UUCAGUGA 2963 8372 UCACUGAA CUGAUGAG GCCGUUAGGC CGAA IUACCACA 18271 GUACAUUC A GUGAAUAU 2964 AUAUUCAC CUGAUGAG GCCGUUAGGC CGAA IAAUGUAC 8376 18272 8388 AAUAUGAC C AGCCAGGU 2965 ACCUGGCU CUGAUGAG GCCGUUAGGC CGAA IUCAUAUU 18273 8389 AUAUGACC A GCCAGGUG 2966 CACCUGGC CUGAUGAG GCCGUUAGGC CGAA IGUCAUAU 18274 UGACCAGC C AGGUGCUC 8392 2967 GAGCACCU CUGAUGAG GCCGUUAGGC CGAA ICUGGUCA 18275 GACCAGCC A GGUGCUCC 8393 2968 GGAGCACC CUGAUGAG GCCGUUAGGC CGAA IGCUGGUC 18276 8399 CCAGGUGC U CCUAGGAA 2969 UUCCUAGG CUGAUGAG GCCGUUAGGC CGAA ICACCUGG 18277 AGGUGCUC C UAGGAAGA 8401 2970 UCUUCCUA CUGAUGAG GCCGUUAGGC CGAA IAGCACCU 18278 GGUGCUCC U AGGAAGAA 8402 2971 UUCUUCCU CUGAUGAG GCCGUUAGGC CGAA IGAGCACC 18279 AAAAGGAC C UGGAAGGG 8424 2972 CCCUUCCA CUGAUGAG GCCGUUAGGC CGAA IUCCUUUU 18280 8425 AAAGGACC U GGAAGGGA UCCCUUCC CUGAUGAG GCCGUUAGGC CGAA IGUCCUUU 2973 18281 CGUAUUGG CUGAUGAG GCCGUUAGGC CGAA IUCCCUUC 8435 GAAGGGAC C CCAAUACG 2974 18282 UCGUAUUG CUGAUGAG GCCGUUAGGC CGAA IGUCCCUU 8436 AAGGGACC C CAAUACGA 2975 18283 8437 AGGGACCC C AAUACGAG 2976

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GGGACCCC A AUACGAGG

AUGUAAAC U UGGGAAGU

AGUGGAAC C AGGGCGGU

GUGGAACC A GGGCGGUG

GGGAAAAC C CCUGCUCA

GGAAAACC C CUGCUCAA

GAAAACCC C UGCUCAAC

AAAACCCC U GCUCAACU

ACCCCUGC U CAACUCAG

CCCUGCUC A ACUCAGAC

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Table IV

8500	UGCUCAAC U CAGACACC	2987	GGUGUCUG CUGAUGAG GCCGUUAGGC CGAA IUUGAGCA	18295
8502	CUCAACUC A GACACCAG	2988	CUGGUGUC CUGAUGAG GCCGUUAGGC CGAA IAGUUGAG	18296
8506	ACUCAGAC A CCAGUAAA	2989	UUUACUGG CUGAUGAG GCCGUUAGGC CGAA IUCUGAGU	18297
8508	UCAGACAC C AGUAAAAU	2990	AUUUUACU CUGAUGAG GCCGUUAGGC CGAA IUGUCUGA	18298
8509	CAGACACC A GUAAAAUC	2991	GAUUUUAC CUGAUGAG GCCGUUAGGC CGAA IGUGUCUG	18299
8518	GUAAAAUC A AGAACAGG	2992	CCUGUUCU CUGAUGAG GCCGUUAGGC CGAA IAUUUUAC	18300
8524	UCAAGAAC A GGAUUGAA	2993	UUCAAUCC CUGAUGAG GCCGUUAGGC CGAA IUUCUUGA	18301
8537	UGAACGAC U CAGGCGUG	2994	CACGCCUG CUGAUGAG GCCGUUAGGC CGAA IUCGUUCA	18302
8539	AACGACUC A GGCGUGAG	2995	CUCACGCC CUGAUGAG GCCGUUAGGC CGAA IAGUCGUU	18303
8551	GUGAGUAC A GUUCGACG	2996	CGUCGAAC CUGAUGAG GCCGUUAGGC CGAA IUACUCAC	18304
8564	GACGUGGC A CCACGAUG	2997	CAUCGUGG CUGAUGAG GCCGUUAGGC CGAA ICCACGUC	
8566	CGUGGCAC C ACGAUGAG	2998		18305
8567	GUGGCACC A CGAUGAGA	2999	CUCAUCGU CUGAUGAG GCCGUUAGGC CGAA IUGCCACG	18306
			UCUCAUCG CUGAUGAG GCCGUUAGGC CGAA IGUGCCAC	18307
8578	AUGAGAAC C ACCCAUAU	3000	AUAUGGGU CUGAUGAG GCCGUUAGGC CGAA IUUCUCAU	18308
8579	UGAGAACC A CCCAUAUA	3001	UAUAUGGG CUGAUGAG GCCGUUAGGC CGAA IGUUCUCA	18309
8581	AGAACCAC C CAUAUAGA	3002	UCUAUAUG CUGAUGAG GCCGUUAGGC CGAA IUGGUUCU	18310
8582	GAACCACC C AUAUAGAA	3003	UUCUAUAU CUGAUGAG GCCGUUAGGC CGAA IGUGGUUC	18311
8583	AACCACCC A UAUAGAAC	3004	GUUCUAUA CUGAUGAG GCCGUUAGGC CGAA IGGUGGUU	18312
8592	UAUAGAAC C UGGAACUA	3005	UAGUUCCA CUGAUGAG GCCGUUAGGC CGAA IUUCUAUA	18313
8593	AUAGAACC U GGAACUAU	3006	AUAGUUCC CUGAUGAG GCCGUUAGGC CGAA IGUUCUAU	18314
8599	CCUGGAAC U AUCACGGC	3007	GCCGUGAU CUGAUGAG GCCGUUAGGC CGAA IUUCCAGG	18315
8603	GAACUAUC A CGGCAGUU	3008	AACUGCCG CUGAUGAG GCCGUUAGGC CGAA IAUAGUUC	18316
8608	AUCACGGC A GUUAUGAU	3009	AUCAUAAC CUGAUGAG GCCGUUAGGC CGAA ICCGUGAU	18317
8624	UGUGAAGC C CACAGGCU	3010	AGCCUGUG CUGAUGAG GCCGUUAGGC CGAA ICUUCACA	18318
8625	GUGAAGCC C ACAGGCUC	3011	GAGCCUGU CUGAUGAG GCCGUUAGGC CGAA IGCUUCAC	
8626	UGAAGCCC A CAGGCUCC	3012	GGAGCCUG CUGAUGAG GCCGUUAGGC CGAA IGCCUUCAC	18319
8628	AAGCCCAC A GGCUCCGC	3013		18320
8632	CCACAGGC U CCGCCAGU		GCGGAGCC CUGAUGAG GCCGUUAGGC CGAA IUGGGCUU	18321
8634		3014	ACUGGCGG CUGAUGAG GCCGUUAGGC CGAA ICCUGUGG	18322
	ACAGGCUC C GCCAGUUC	3015	GAACUGGC CUGAUGAG GCCGUUAGGC CGAA IAGCCUGU	18323
8637	GGCUCCGC C AGUUCGCU	3016	AGCGAACU CUGAUGAG GCCGUUAGGC CGAA ICGGAGCC	18324
8638	GCUCCGCC A GUUCGCUG	3017	CAGCGAAC CUGAUGAG GCCGUUAGGC CGAA IGCGGAGC	18325
8645	CAGUUCGC U GGUCAAUG	3018	CAUUGACC CUGAUGAG GCCGUUAGGC CGAA ICGAACUG	18326
8650	CGCUGGUC A AUGGAGUG	3019	CACUCCAU CUGAUGAG GCCGUUAGGC CGAA IACCAGCG	18327
8662	GAGUGGUC A GGCUCCUC	3020	GAGGAGCC CUGAUGAG GCCGUUAGGC CGAA IACCACUC	18328
8666	GGUCAGGC U CCUCUCAA	3021	UUGAGAGG CUGAUGAG GCCGUUAGGC CGAA ICCUGACC	18329
8668	UCAGGCUC C UCUCAAAA	3022	UUUUGAGA CUGAUGAG GCCGUUAGGC CGAA IAGCCUGA	18330
8669	CAGGCUCC U CUCAAAAC	3023	GUUUUGAG CUGAUGAG GCCGUUAGGC CGAA IGAGCCUG	18331
8671	GGCUCCUC U CAAAACCA	3024	UGGUUUUG CUGAUGAG GCCGUUAGGC CGAA IAGGAGCC	18332
8673	CUCCUCUC A AAACCAUG	3025	CAUGGUUU CUGAUGAG GCCGUUAGGC CGAA IAGAGGAG	18333
8678	CUCAAAAC C AUGGGACA	3026	UGUCCCAU CUGAUGAG GCCGUUAGGC CGAA IUUUUGAG	18334
8679	UCAAAACC A UGGGACAC	3027	GUGUCCCA CUGAUGAG GCCGUUAGGC CGAA IGUUUUGA	18335
8686	CAUGGGAC A CCAUCACG	3028	CGUGAUGG CUGAUGAG GCCGUUAGGC CGAA IUCCCAUG	18336
8688	UGGGACAC C AUCACGAA	3029	UUCGUGAU CUGAUGAG GCCGUUAGGC CGAA IUGUCCCA	
8689	GGGACACC A UCACGAAU	3030		18337
8692	ACACCAUC A CGAAUGUU		AUUCGUGA CUGAUGAG GCCGUUAGGC CGAA IGUGUCCC	18338
8703	AAUGUUAC C ACCAUGGC	3031	AACAUUCG CUGAUGAG GCCGUUAGGC CGAA IAUGGUGU	18339
8704		3032	GCCAUGGU CUGAUGAG GCCGUUAGGC CGAA IUAACAUU	18340
	AUGUUACC A CCAUGGCC	3033	GGCCAUGG CUGAUGAG GCCGUUAGGC CGAA IGUAACAU	18341
8706	GUUACCAC C AUGGCCAU	3034	AUGGCCAU CUGAUGAG GCCGUUAGGC CGAA IUGGUAAC	18342
8707	UUACCACC A UGGCCAUG	3035	CAUGGCCA CUGAUGAG GCCGUUAGGC CGAA IGUGGUAA	18343
8712	ACCAUGGC C AUGACUGA	3036	UCAGUCAU CUGAUGAG GCCGUUAGGC CGAA ICCAUGGU	18344
8713	CCAUGGCC A UGACUGAC	3037	GUCAGUCA CUGAUGAG GCCGUUAGGC CGAA IGCCAUGG	18345
8718	GCCAUGAC U GACACUAC	3038	GUAGUGUC CUGAUGAG GCCGUUAGGC CGAA IUCAUGGC	18346
8722	UGACUGAC A CUACUCCC	3039	GGGAGUAG CUGAUGAG GCCGUUAGGC CGAA IUCAGUCA	18347
8724	ACUGACAC U ACUCCCUU	3040	AAGGGAGU CUGAUGAG GCCGUUAGGC CGAA IUGUCAGU	18348
8727	GACACUAC U CCCUUCGG	3041	CCGAAGGG CUGAUGAG GCCGUUAGGC CGAA IUAGUGUC	18349
8729	CACUACUC C CUUCGGGC	3042	GCCCGAAG CUGAUGAG GCCGUUAGGC CGAA IAGUAGUG	18350
8730	ACUACUCC C UUCGGGCA	3043	UGCCCGAA CUGAUGAG GCCGUUAGGC CGAA IGAGUAGU	18351
8731	CUACUCCC U UCGGGCAG	3044	CUGCCCGA CUGAUGAG GCCGUUAGGC CGAA IGGAGUAG	18352
8738	CUUCGGGC A GCAGCGAG	3045	CUCGCUGC CUGAUGAG GCCGUUAGGC CGAA ICCCGAAG	
8741	CGGGCAGC A GCGAGUGU	3046		18353
8752	GAGUGUUC A AAGAGAAG		ACACUCGC CUGAUGAG GCCGUUAGGC CGAA ICUGCCCG	18354
1 2,32	C.OCCOOL II MONDANG	3047	CUUCUCUU CUGAUGAG GCCGUUAGGC CGAA IAACACUC	18355

Table IV

8767	AGGUGGAC A CGAAAGCU	3048	AGCUUUCG CUGAUGAG GCCGUUAGGC CGAA IUCCACCU	18356
8775	ACGAAAGC U CCUGAACC	3049	GGUUCAGG CUGAUGAG GCCGUUAGGC CGAA ICUUUCGU	18357
8777	GAAAGCUC C UGAACCGC	3050	GCGGUUCA CUGAUGAG GCCGUUAGGC CGAA IAGCUUUC	18358
8778	AAAGCUCC U GAACCGCC	3051	GGCGGUUC CUGAUGAG GCCGUUAGGC CGAA IGAGCUUU	18359
8783	UCCUGAAC C GCCAGAAG	3052	CUUCUGGC CUGAUGAG GCCGUUAGGC CGAA IUUCAGGA	18360
8786	UGAACCGC C AGAAGGAG	3053	CUCCUUCU CUGAUGAG GCCGUUAGGC CGAA ICGGUUCA	18361
8787	GAACCGCC A GAAGGAGU	3054	ACUCCUUC CUGAUGAG GCCGUUAGGC CGAA IGCGGUUC	18362
	GUACGUGC U CAAUGAGA	3055	UCUCAUUG CUGAUGAG GCCGUUAGGC CGAA ICACGUAC	18363
8807				18364
8809	ACGUGCUC A AUGAGACC	3056		
8817	AAUGAGAC C ACCAACUG	3057	CAGUUGGU CUGAUGAG GCCGUUAGGC CGAA IUCUCAUU	18365
8818	AUGAGACC A CCAACUGG	3058	CCAGUUGG CUGAUGAG GCCGUUAGGC CGAA IGUCUCAU	18366
8820	GAGACCAC C AACUGGUU	3059	AACCAGUU CUGAUGAG GCCGUUAGGC CGAA IUGGUCUC	18367
8821	AGACCACC A ACUGGUUG	3060	CAACCAGU CUGAUGAG GCCGUUAGGC CGAA IGUGGUCU	18368
8824	CCACCAAC U GGUUGUGG	3061	CCACAACC CUGAUGAG GCCGUUAGGC CGAA IUUGGUGG	18369
8844	UUUUUGGC C AGAGAAAA	3062	UUUUCUCU CUGAUGAG GCCGUUAGGC CGAA ICCAAAAA	18370
8845	UUUUGGCC A GAGAAAAA	3063	UUUUUCUC CUGAUGAG GCCGUUAGGC CGAA IGCCAAAA	18371
8858	AAAACGUC C CAGAAUGU	3064	ACAUUCUG CUGAUGAG GCCGUUAGGC CGAA IACGUUUU	18372
		3065	CACAUUCU CUGAUGAG GCCGUUAGGC CGAA IGACGUUU	18373
8859	AAACGUCC C AGAAUGUG			
8860	AACGUCCC A GAAUGUGC	3066	GCACAUUC CUGAUGAG GCCGUUAGGC CGAA IGGACGUU	18374
8869	GAAUGUGC U CUCGAGAG	3067	CUCUCGAG CUGAUGAG GCCGUUAGGC CGAA ICACAUUC	18375
8871	AUGUGCUC U CGAGAGGA	3068	UCCUCUCG CUGAUGAG GCCGUUAGGC CGAA IAGCACAU	18376
8884	AGGAAUUC A UAAGAAAG	3069	CUUUCUUA CUGAUGAG GCCGUUAGGC CGAA IAAUUCCU	18377
8896	GAAAGGUC A ACAGCAAU	3070	AUUGCUGU CUGAUGAG GCCGUUAGGC CGAA IACCUUUC	18378
8899	AGGUCAAC A GCAAUGCA	3071	UGCAUUGC CUGAUGAG GCCGUUAGGC CGAA IUUGACCU	18379
8902	UCAACAGC A AUGCAGCU	3072	AGCUGCAU CUGAUGAG GCCGUUAGGC CGAA ICUGUUGA	18380
8907	AGCAAUGC A GCUUUGGG	3073	CCCAAAGC CUGAUGAG GCCGUUAGGC CGAA ICAUUGCU	18381
8910	AAUGCAGC U UUGGGUGC	3074	GCACCCAA CUGAUGAG GCCGUUAGGC CGAA ICUGCAUU	18382
8919	UUGGGUGC C AUGUUUGA	3075	UCAAACAU CUGAUGAG GCCGUUAGGC CGAA ICACCCAA	18383
			UUCAAACA CUGAUGAG GCCGUUAGGC CGAA IGCACCCA	18384
8920	UGGGUGCC A UGUUUGAA	3076		
8933	UGAAGAGC A GAAUCAAU	3077	AUUGAUUC CUGAUGAG GCCGUUAGGC CGAA ICUCUUCA	18385
8939	GCAGAAUC A AUGGAGGA	3078	UCCUCCAU CUGAUGAG GCCGUUAGGC CGAA IAUUCUGC	18386
8952	AGGAGCGC C AGAGAAGC	3079	GCUUCUCU CUGAUGAG GCCGUUAGGC CGAA ICGCUCCU	18387
8953	GGAGCGCC A GAGAAGCA	3080	UGCUUCUC CUGAUGAG GCCGUUAGGC CGAA IGCGCUCC	18388
8961	AGAGAAGC A GUUGAAGA	3081	UCUUCAAC CUGAUGAG GCCGUUAGGC CGAA ICUUCUCU	18389
8972	UGAAGAUC C AAAAUUUU	3082	AAAAUUUU CUGAUGAG GCCGUUAGGC CGAA IAUCUUCA	18390
8973	GAAGAUCC A AAAUUUUG	3083	CAAAAUUU CUGAUGAG GCCGUUAGGC CGAA IGAUCUUC	18391
9009	CGCGAGGC A CAUCUGCG	3084	CGCAGAUG CUGAUGAG GCCGUUAGGC CGAA ICCUCGCG	18392
9011	CGAGGCAC A UCUGCGGG	3085	CCCGCAGA CUGAUGAG GCCGUUAGGC CGAA IUGCCUCG	18393
9014	GGCACAUC U GCGGGGGG	3086	CCCCCGC CUGAUGAG GCCGUUAGGC CGAA IAUGUGCC	18394
		3087	UGCAAGUG CUGAUGAG GCCGUUAGGC CGAA IACAUUCC	18395
9029	GGAAUGUC A CACUUGCA			
9031	AAUGUCAC A CUUGCAUU	3088	AAUGCAAG CUGAUGAG GCCGUUAGGC CGAA IUGACAUU	18396
9033	UGUCACAC U UGCAUUUA	3089	UAAAUGCA CUGAUGAG GCCGUUAGGC CGAA IUGUGACA	18397
9037	ACACUUGC A UUUACAAC	3090	GUUGUAAA CUGAUGAG GCCGUUAGGC CGAA ICAAGUGU	18398
9043	GCAUUUAC A ACAUGAUG	3091	CAUCAUGU CUGAUGAG GCCGUUAGGC CGAA IUAAAUGC	18399
9046	UUUACAAC A UGAUGGGA	3092	UCCCAUCA CUGAUGAG GCCGUUAGGC CGAA IUUGUAAA	18400
9071	GAAAAAAC C CGGAGAGU	3093	ACUCUCCG CUGAUGAG GCCGUUAGGC CGAA IUUUUUUC	18401
9072	AAAAAACC C GGAGAGUU	3094	AACUCUCC CUGAUGAG GCCGUUAGGC CGAA IGUUUUUU	18402
9090	GGAAAGGC C AAGGGAAG	3095	CUUCCCUU CUGAUGAG GCCGUUAGGC CGAA ICCUUUCC	18403
9091	GAAAGGCC A AGGGAAGC	3096	GCUUCCCU CUGAUGAG GCCGUUAGGC CGAA IGCCUUUC	18404
9100	AGGGAAGC A GAGCCAUU	3097	AAUGGCUC CUGAUGAG GCCGUUAGGC CGAA ICUUCCCU	18405
			<u></u>	
9105	AGCAGAGC C AUUUGGUU	3098	AACCAAAU CUGAUGAG GCCGUUAGGC CGAA ICUCUGCU	18406
9106	GCAGAGCC A UUUGGUUC	3099	GAACCAAA CUGAUGAG GCCGUUAGGC CGAA IGCUCUGC	18407
9115	UUUGGUUC A UGUGGCUC	3100	GAGCCACA CUGAUGAG GCCGUUAGGC CGAA IAACCAAA	18408
9122	CAUGUGGC U CGGAGCUC	3101	GAGCUCCG CUGAUGAG GCCGUUAGGC CGAA ICCACAUG	18409
9129	CUCGGAGC U CGCUUUCU	3102	AGAAAGCG CUGAUGAG GCCGUUAGGC CGAA ICUCCGAG	18410
9133	GAGCUCGC U UUCUGGAG	3103	CUCCAGAA CUGAUGAG GCCGUUAGGC CGAA ICGAGCUC	18411
9137	UCGCUUUC U GGAGUUCG	3104	CGAACUCC CUGAUGAG GCCGUUAGGC CGAA IAAAGCGA	18412
9150	UUCGAGGC U CUGGGUUU	3105	AAACCCAG CUGAUGAG GCCGUUAGGC CGAA ICCUCGAA	18413
9152	CGAGGCUC U GGGUUUUC	3106	GAAAACCC CUGAUGAG GCCGUUAGGC CGAA IAGCCUCG	18414
9161	GGGUUUUC U CAAUGAAG	3107	CUUCAUUG CUGAUGAG GCCGUUAGGC CGAA IAAAACCC	
				18415
9163	GUUUUCUC A AUGAAGAC	3108	GUCUUCAU CUGAUGAG GCCGUUAGGC CGAA IAGAAAAC	18416

19175 ANGARCE A CUGACUTUG 3110 CALAGEC CUGAUDAG SCORUMAGE CORA INSURED 18418	9172	AUGAAGAC C ACUGGCUU	3109	AAGCCAGU CUGAUGAG GCCGUUAGGC CGAA IUCUUCAU	18417
9175 CAGAGCAC U GGCUUGGA 3111 UCCAGGC CUGANGG GCGUUAGGC CHA TUGGUCU 18419 9179 COCCUGGG U UGGGGGG 1114 UCCUCCUC CUGANGGG GCGUUAGGC CHA TUGGUCU 18429 9179 GAAGGAC U CAGGAGGA 1113 UCCUCCUC CUGANGGG GCGUUAGGC CHA TUGCUCU 18423 9170 ANAGOLC A GGGGGGG 1114 CCUCCUCC CUGANGGG GCGUUAGGC CHA TUGCUCCA 18423 9171 UCCAGGGC U UGGGCCUC 3115 CAGGCCC CUGANGGG GCGUUAGGC CHA TUGCUCCA 18423 9221 CUGAGGGC U UGCCAAAA 3116 UUUTUUGGA CUGAUGGG GCCGUUAGGC CHA TUGCUCCA 18423 9221 CUGAGGCC U UCCAAAAA 3116 UUUTUUGGA CUGAUGGG GCCGUUAGGC CHA TUGCUCCA 18423 9221 CUGAGGCC C AAAAACUG 3117 CUGUUCUC CUGAUGGG GCCGUUAGGC CHA TUGCCCAAG 18425 9223 UUGGCCUC C AAAAACUG 3118 CAGUUUUU CUGAUGGG GCCGUUAGGC CHA TAGGCCAAG 18427 9234 GGCCUCC A AAAACUG 3120 CAGUUCUC CUGAUGGG GCCGUUAGGC CHA TAGGCCAAG 18427 9236 CCAAAAAC GGGUUACA 3120 UUCAACCC CUGAUGGG GCGUUAGGC CHA TAGGCCAAG 18427 9238 UGGGUUACA UCCUCCUCU 121 ACCAGGGG CUGAUGGG GCGUUAGGC CHA TUGCUCCA 18423 9241 GUUACAUC C UGCGUGAGA 3122 UUCACGCA CUGAUGAG GCCGUUAGGC CHA TUGCUCCA 18423 9242 UUCACGCC UGGUGAGG 124 AGCCGGG CUGAUGAG GCCGUUAGGC CHA TUGCUCCA 18432 9256 GUUGGGC C CGGCCCU 3124 AGCCGGG CUGAUGAG GCCGUUAGGC CHA TUGCUCCA 18432 9256 AAGUUGGC C CGGCCCU 3124 AGCCGGG CUGAUGAG GCCGUUAGGC CHA TUGCCAC 18433 9259 UTGGCACC C GGCCCUG 3124 AGCCGGG CUGAUGAGG GCCGUUAGGC CHA TUGCUCCA 18432 9259 UTGGCACC C GGCCCUG 3124 AGCCGGG CUGAUGAGG CCGUUAGGC CHA TUGCCACA 18433 9259 UTGGCACC C GGCCCUG 3124 AGCCGGG CUGAUGAGG CCGUUAGGC CHA TUGCCACA 18433 9259 UTGGCACC C GGCCCUG 3124 AGCCGGG CUGAUGAGG CCGUUAGGC CHA TUGCCACA 18434 9250 UTGGCACC C GGCCCUG 3124 AGCCGGG CUGAUGAGG CCGUUAGGC CHA TUGCCACA 18435 9250 UTGGCACC C GGCCCUG 3124 AGCCGGG CUGAUGAG CCGUUAGGC CHA TUGCCACA 18435 9250 UTGGCACC C GGCCCUG 3124 AGCCGGG CUGAUGAG CCGUUAGGC CHA TUGCCACA 18435 9250 UTGGCACC C GGCCCUG 3124 AGCCCGC CUGAUGAG CCGUUAGGC CHA TUGCCACA 18435 9250 UTGGCACC C GGC	-	UGAAGACC A CUGGCUUG	3110	CAAGCCAG CUGAUGAG GCCGUUAGGC CGAA IGUCUUCA	
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9298 CAGCUGGC U GGGACACC 3135 GGUGUCCC CUGAUGAG GCCGUUAGGC CGAA ICCAGCUG 18443 9304 GCUGGGAC A CCCGCAUCC 3137 GGAGGCG CUGAUGAG GCCGUUAGGC CGAA IUCCCAGC 18445 9306 UGGGACAC C GCGAUCACG 3137 GUGAUGGC CUGAUGAG GCCGUUAGGC CGAA IUCCCCAG 18445 9307 GGGACACC C GCAUCACG 3138 CGUGAUGGG CUGAUGAG GCCGUUAGGC CGAA IUCCCCAC 18445 9310 ACACCGGC A UCACGAGA 3139 UCUCGUGA CUGAUGAG GCCGUUAGGC CGAA IGUGUCCC 18446 9311 CCCGCAUC A CGAGAGCU 3140 AGCUCUCG CUGAUGAG GCCGUUAGGC CGAA IGUGUCCC 18447 9312 ACACCGGC A UCACGAGA 3139 UCUCGUGA CUGAUGAG GCCGUUAGGC CGAA IAUGCGGG 18449 9321 ACGAGAGC U GACUUGGA 3141 UCCAAGCU CUGAUGAG GCCGUUAGGC CGAA IAUGCGGG 18449 9322 ACGAGAGC U GACUUGGA 3141 UCCAAGCU CUGAUGAG GCCGUUAGGC CGAA IAUGCGGC 18449 9325 GACCUGAC U UGGAAAAU 3142 AUUUUCCA CUGAUGAG GCCGUUAGGC CGAA ICUCACUU 18459 9337 AAUGAAGC U AGGUCUGC 3144 GCAGCCUU CUGAUGAG GCCGUUAGGC CGAA ICUCACUU 18459 9347 UAAGGUGC U UGAACUGG 3144 GCAGCCUA CUGAUGAG GCCGUUAGGC CGAA ICUCACUU 18459 9353 GCUUGAGC U GCUUGAUG 3145 CCACCAUCA CUGAUGAG GCCGUUAGGC CGAA ICUCACGC 18453 9356 UGAGCUGC U UGAACGGG 3146 CCCCAUCA CUGAUGAG GCCGUUAGGC CGAA ICCACCUU 18459 9368 UGAGGGAAC A UCAGCCGUC 3147 GACGCCGA CUGAUGAG GCCGUUAGGC CGAA ICCACCUU 18459 9381 CGUCUGCC A UGGCCAUC 3147 GACGCCGA CUGAUGAG GCCGUUAGGC CGAA ICACCCUCA 18455 9382 GUCUUGCC A AGGCCAUC 3149 AUGGCCCU CUGAUGAG GCCGUUAGGC CGAA ICACCCUCA 18455 9383 GCUUGACC A UGGCCAUC 3150 GACGCCCC CUGAUGAG GCCGUUAGGC CGAA ICACCCCA 18455 9384 CCACGGGCC A UCAUUGA 3151 UCAAUGA CUGAUGAG GCCGUUAGGC CGAA ICACCCCA 18456 9385 GCACGCCUCC C AGGCCCAUC 3150 GAUGAGCC CUGAUGAG GCCGUUAGGC CGAA ICACCCA 18456 9386 UGAGCACUC A UGACGCGU 3149 AUGGCCC CUGAUGAG GCCGUUAGGC CGAA ICACCCA 18456 9387 GCACGCCC A GGCCAUC 3150 GAUGAGC CUGAUGAG GCCGUUAGGC CGAA ICACCCA 18456 9388 CCACGCGCC A UCAUUGA 3151 UCAAUGA CUGAUGAG GCCGUUAGGC CGAA ICACCCA 18456 9388 CCACGCCCC A UCAUUGA 3151 UCAAUGA CUGAUGAG GCCGUUAGGC CGAA ICACCCA 18456 9389 CAUCACC A UCAUUGAC 31557 GAUGACCA CUGAUGAG GCCGUUAGGC CGAA ICACCAC 18466 9402 GACCCUC A UCACCAC CUGAUGAG GCCGUUAGGC CGAA ICACCAC 18466 9402 GACCC	9291	GAUGACAC A GCUGGCUG	3133	CAGCCAGC CUGAUGAG GCCGUUAGGC CGAA IUGUCAUC	18441
9304 GCUGGGAC A CCCGCAUC 3136 GAUGCGGG CUGAUGAG GCCGUUAGGC CGAA IUCCCAGC 18444 9306 UGGGACAC C GCAUCAC 3137 GUGAUGAC CUGAUGAG GCCGUUAGGC CGAA IUGUCCCA 18445 9310 ACACCCGC A UCACGAGA 3139 CUCUCGUGA CUGAUGAG GCCGUUAGGC CGAA IUGUCCCA 18446 9310 ACACCCGC A UCACGAGA 3139 UCUCGUGA CUGAUGAG GCCGUUAGGC CGAA IUGUCCCC 18446 9311 ACAGCACC A GGACACC 3144 AGCUCUCG CUGAUGAG GCCGUUAGGC CGAA IUGCCGG 18446 9312 ACAGGACAC U GGACAGAC 3141 UCCAAGUC CUGAUGAG GCCGUUAGGC CGAA IAUGCGGG 18449 9321 ACGAGACC U GGACAAAU 3142 AUUUUCCA CUGAUGAG GCCGUUAGGC CGAA ICCCUCGU 18459 9325 GAGCUGAC U UGGAAAAU 3142 AUUUUCCA CUGAUGAG GCCGUUAGGC CGAA ICCCUCGU 18459 9339 AAUGAAGC U AGGUGGC 3144 GCAGCUCA CUGAUGAG GCCGUUAGGC CGAA ICCCUCGU 18459 9339 AAUGAAGC U GGACAGC 3144 GCAGCUCA CUGAUGAG GCCGUUAGGC CGAA ICCCCUCA 18459 9353 GCUUGAGC U GCUGAGG 3145 GCAGCUCA CUGAUGAG GCCGUUAGGC CGAA ICCCCUCA 18459 9353 GCUUGAGC U GCUGAGGG 3146 GCACCUCA CUGAUGAG GCCGUUAGGC CGAA ICCCCUCA 18459 9353 GCUUGAGC U GAUGGGG 3146 CCCCCAUCA CUGAUGAG GCCGUUAGGC CGAA ICCCCUCA 18452 9368 UGGGGAAC A UCGCCGUC 3147 GACCCCG CUGAUGAG GCCGUUAGGC CGAA ICCCCCAA 18453 9377 UCGGCGUC U UGCCAGGG 3148 CCCCUGAC CUGAUGAG GCCGUUAGGC CGAA ICCCCCAA ICCCAAGC CUGAUGAG GCCGUUAGGC CGAA ICCCCCCAA ICCCAAGC CUGAUGAG GCCGUUAGGC CGAA ICCCCCAA ICCCAAGC CUGAUGAG GCCGUUAGGC CGAA ICCCCCCAA ICCCAAGC CUGAUGAG GCCGUUAGGC CGAA ICCCCCGA IR459 9387 GCCCAGGGC A UCAUUGAG 3152 CCCCAAGGC CUGAUGAG GCCGUUAGGC CGAA ICCCCUGA IR459 9388 CCCAGGGCC A UCAUUGA 3153 GAGCUCAA CUGAUGAG GCCGUUAGGC CGAA ICCCCUGA IR469 9399 CAUUGACC C ACCCUUAC A GAGAGAG 3152 CCCCUGAGG CCGUUAGGC CGAA ICCCCUGA IR469 9400 UUGAGCCC C CU	9294	GACACAGC U GGCUGGGA	3134	UCCCAGCC CUGAUGAG GCCGUUAGGC CGAA ICUGUGUC	18442
9306 UGGGACAC C CGCAUCAC 3137 GUGAUGCG CUGAUGAG GCCGUUAGGC CGAA IUGUCCCA 18445 9307 GGGACACC C GCAUCACG 3138 CGUGAUGC CUGAUGAG GCCGUUAGGC CGAA IGUGUCCC 18446 9310 ACACCGCC A UCACGAGA 3139 UCUCGUUGA CUGAUGAG GCCGUUAGGC CGAA IGUGUCCC 18446 9311 CCCGCAUC A CGAGAGCU 3140 AGCUCUCG CUGAUGAG GCCGUUAGGC CGAA IAUGCGGG 18447 9312 ACGAGAGC U GACUUGCA 3141 UCCAAGUC CUGAUGAG GCCGUUAGGC CGAA IAUGCGGG 18448 9321 ACGAGAGC U UGGAAAAU 3141 UCCAAGUC CUGAUGAG GCCGUUAGGC CGAA IAUGCGCU 18459 9325 GAGCUGAC U UGGAAAAU 3142 AUUUUCCA CUGAUGAG GCCGUUAGGC CGAA ICUCUCGU 18459 93339 AAUGAAGC U AAGGUGCU 3143 AGCACCUU CUGAUGAG GCCGUUAGGC CGAA ICUCUCGU 18459 9347 UAAGGUGC U UGAGCUGC 3144 GCAGCCUC CUGAUGAG GCCGUUAGGC CGAA ICUCCAUU 18451 9353 GCUUGAGC U UGAGCUGC 3144 GCAGCCUC CUGAUGAG GCCGUUAGGC CGAA ICUCCAUU 18452 9353 GCUUGAGC U UGAGCGGG 3145 CACCACCC CUGAUGAG GCCGUUAGGC CGAA ICUCCAUU 18452 9355 GUGGACUCA UGAUGAGG 3146 CCCCAUCAC CUGAUGAG GCCGUUAGGC CGAA ICUCAAGC 18453 9368 UGGGGAAC A UCGGCGUC 3147 GACCCCCA CUGAUGAG GCCGUUAGGC CGAA ICCACCUA 18455 9377 UCGGCGUC U UGCCCAGGG 3148 CCCCCUACCA CUGAUGAG GCCGUUAGGC CGAA ICCACCUA 18455 9381 CGUCUUGC C AGGGCCAU 3149 AUGGCCCU CUGAUGAG GCCGUUAGGC CGAA ICACCCCA 18455 9382 GUCUUGCC A GGGCCAU 3149 AUGGCCCU CUGAUGAG GCCGUUAGGC CGAA ICACGCCA 18457 9382 GUCUUGC C AGGGCCAU 3150 AAUGGCCC CUGAUGAG GCCGUUAGGC CGAA ICACACAC 18457 9383 CCAGGGC C AUCAUGAG 3151 UCAAUGA GCCGUUAGGC CGAA ICACACAC 18457 9384 CACGGCCA UCAUGAG 3151 UCAAUGA GCCGUUAGGC CGAA ICACACAC 18459 9385 GAGCAUC A UCAUGAG 3151 UCAAUGA GCCGUUAGGC CGAA ICACACAC 18459 9386 CAGGCCAUC AUGAGA GAGCCAU 3153 GAGCUCAA CUGAUGAG GCCGUUAGGC CGAA ICACACAC 18459 9387 GCCAGGGC C AUCAUGAG 3153 GAGCUCAA CUGAUGAG GCCGUUAGGC CGAA ICCACACC 184659 9388 CAUGAGCC C AUCAUGAG 3155 GAGCUCAA CUGAUGAG GCCGUUAGGC CGAA ICCACACC 184659 9389 CAUGAGCC C AUCAUGAG 3156 UGACAGAC CUGAUGAG GCCGUUAGGC CGAA ICCACACAC 184664 9403 AGCUCAC U AUCGUCA 3156 UGACGAA CUGAUGAG GCCGUUAGGC CGAA ICACACAC 18466 9404 GAUGCACC U AUCGUCA 3156 GAGCACAC CUGAUGAG GCCGUUAGGC CGAA ICACACAC 18466 9405 AGCUCACC U AUCG	9298	CAGCUGGC U GGGACACC	3135	GGUGUCCC CUGAUGAG GCCGUUAGGC CGAA ICCAGCUG	18443
9307 GGGACACC C C GALUCACG 3138 CGUGAUGC CUGAUGAG CCGUUAGGC CUGAUGAGC CGAA TGUGUCCC 18446 9310 ACACCCGC A UCACGGAG 3139 UCUCGUGA CUGAUGAG GCCGUUAGGC CGAA TAUGCGGU 18447 9313 CCCGCAUC A CGAGAGCU 3140 AGCUCUG CUGAUGAG CCGUUAGGC CGAA TAUGCGGG 18448 9321 ACGAGAGC U GACUUGGA 3141 UCCAAGUC CUGAUGAG CCGUUAGGC CGAA TAUCUCAUU 18459 9325 GAGCUGAC U UAGAGAAAU 3142 AUUUUCCA CUGAUGAG GCCGUUAGGC CGAA TAUCACAUU 18451 9337 ALAGGUGC U UAGAGUGC 3144 GCAGCUCA CUGAUGAG GCCGUUAGGC CGAA TAUCACAU 18452 9353 GCUUGAGC U UGAGGGGG 3146 CCCCAUCA CUGAUGAG GCCGUUAGGC CGAA TAUCACAU 18452 9361 UGAGGAAC A UGACCAGG 3147 ACCCCAUCA CUGAUGAG GCAA TAUCACACA 18455 9377 UCGGCGUC U 3149 AUGGCCCU CUGAUGAG GCAA TAUCACACACACACACACACACACACACACACACACACAC	9304	GCUGGGAC A CCCGCAUC	3136	GAUGCGGG CUGAUGAG GCCGUUAGGC CGAA IUCCCAGC	18444
9310 ACACCCGC A UCACGAGA 3139 UCUCGUGA CUGAUGAG GCCGUUAGGC CGAA ICGGGUGU 3131 CCCGCAUC A CGAGAGCU 3140 AGCUCUGG CUGAUGAG GCCGUUAGGC CGAA ILUGCGGG 18448 9321 ACGAGAGC U GACUUGGA 3141 UCCAAGUC CUGAUGAG GCCGUUAGGC CGAA ILUGCGGG 18449 9325 GAGCUGAC U UGGAAAAU 3142 AUUTUCCA CUGAUGAG GCCGUUAGGC CGAA ICUCUCGU 18459 9339 AAUGAAGC U UAGAGAAAU 3142 AUUTUCCA CUGAUGAG GCCGUUAGGC CGAA ICUCUCGU 18459 9347 UAAGGUGC U UAGACGCC 3144 GCAGCUCA CUGAUGAG GCCGUUAGGC CGAA ICUCUCAUU 18451 9347 UAAGGUGC U UGACUGC 3144 GCAGCUCA CUGAUGAG GCCGUUAGGC CGAA ICUCUCAUU 18452 9353 GCUUGAGC U GCUUGAUG 3145 CAUCAAGC CUGAUGAG GCCGUUAGGC CGAA ICUCUCAU 18454 9356 UGAGCUGC U UGAUGGGG 3146 CCCCCAUCA CUGAUGAG GCCGUUAGGC CGAA ICUCUCAC 18454 9368 UGAGGAAC A UCGGCGUC 3147 GACGCCGA CUGAUGAG GCCGUUAGGC CGAA ICUCACCA 18455 9377 UCGGCGUC U UGCCAGGG 3148 CCCUGACG CUGAUGAG GCCGUUAGGC CGAA ICACCUCA 18455 9381 CGUCUUGC C AGGGCCAU 3149 AUGGCCCU CUGAUGAG GCCGUUAGGC CGAA ICACCCCA 18456 9382 GUCUUGCC A GGGCCAU 3149 AUGGCCCU CUGAUGAG GCCGUUAGGC CGAA ICACCCGA 18457 9383 GCCAGGGC C AUCAUUGA 3150 GAUGGCCC CUGAUGAG GCCGUUAGGC CGAA ICACCCGA 18458 9387 GCCAGGGC A UCAUUGA 3151 UCAAUGAU CUGAUGAG GCCGUUAGGC CGAA ICACCCGA 18459 9388 CCAGGGCC A UCAUUGA 3151 CCAGGGCC CUGAUGAG GCCGUUAGGC CGAA ICACCCGA 18459 9389 CCAGGGCC A UCAUUGA 3151 GAGCUCAC CUGAUGAG GCCGUUAGGC CGAA ICACCCGA 18459 9380 CCAGGGCC A UCAUUGA 3151 GAGCUCAC CUGAUGAG GCCGUUAGGC CGAA ICACCCGA 18461 9391 GGGCCAUC A UUGAGCUC 3153 GAGCUCAC CUGAUGAG GCCGUUAGGC CGAA ICACCAGAC 18469 9392 GAGUCAC C UAUCGUC 3153 GAGCUCAC CUGAUGAG GCCGUUAGGC CGAA ICACCAGAC 18461 9400 UUGAGCUC A CCAUAUCGU 3154 GAUAGGUC CUGAUGAG GCCGUUAGGC CGAA ICACCAGAC 18462 9400 UUGAGCUC A CCAUAUCGU 3155 GAGCUCAC CUGAUGAG GCCGUUAGGC CGAA ICACCAGAC 18463 9400 GAGCUCAC C UAUCGUCA 3156 GAGCUCAC CUGAUGAG GCCGUUAGGC CGAA ICACCAGAC 18463 9401 GAGCCCC CUAUCGUC 3157 GAGCCCCC CUGAUGAG GCCGUUAGGC CGAA ICACCACC 184664 9403 AGCUCAC C UAUCGUCA 3156 GAGCCCCC CUGAUGAG GCCGUUAGGC CGAA ICACCACC 184667 9404 UUGAGCUC C CAGGGAA 3160 GACCCCC CUGAUGAG GCCGUUAGGC CGAA ICACCACC 18466	9306	UGGGACAC C CGCAUCAC	3137	GUGAUGCG CUGAUGAG GCCGUUAGGC CGAA IUGUCCCA	18445
9313 CCCGCAUC A CGAGAGCU 3140 AGCUCUCG CUGAUGAG GCCGUNAGG CGA IAUGCGG 18448 9321 ACGAGAGC U GACUGGA 3141 UCCAAGUC CUGAUGAG GCCGUUAGGC CGA ICUCUCGU 18449 9325 GAGCUGAC U UGGAAAAU 3142 AUUUUCCA CUGAUGAG GCCGUUAGGC CGAA ICUCACCU 18450 9339 AAUGAAGC U AAGGUGCU 3143 AGCACCUU CUGAUGAG GCCGUUAGGC CGAA ICUCACUU 18451 9347 UAAGGUGC U UGAGCGC 3144 GCAGCUCA CUGAUGAG GCCGUUAGGC CGAA ICUCAAGC 18452 9353 GCUUGAGC U UGAUGGG 3145 CAUCAAGC CUGAUGAG CGAA ICUCAAGC 18453 9356 UGAGCUCC U UGAUGGG 3146 CCCCAUCA CUGAUGAG GCCGUUAGGC CGAA ICUCACCA 18453 9368 UGGGCGUC U UGCCAGGG 3147 GACGCCGA CUGAUGAG GCCGUUAGGC CGAA IACGCCCA 18455 9381 CGUCUUGC C AGGCCAU 3149 AUGGCCCU CUGAUGAG GCCGUUAGGC CGAA IACGCCGA 18457 9382 GUCUUGCC C AGGCCAU 3150 GAUGGAC C CUGAUGAG	9307	GGGACACC C GCAUCACG	3138	CGUGAUGC CUGAUGAG GCCGUUAGGC CGAA IGUGUCCC	18446
9321 ACGAGAGC U GACUUGGA 3141 UCCAAGUC CUGAUGAG GCCGUUAGGC CGAA ICUCUCGU 18449 9325 GAGCUGAC U UGGAAAAU 3142 AUUUUCCA CUGAUGAG GCCGUUAGGC CGAA IUCAGCUC 18450 9339 AAUGAAGC U AAGGUGC 3144 ACACCUU CUGAUGAG GCCGUUAGGC CGAA ICUCAAGC 18459 9347 UAAGGUGC U GACGCUGC 3144 GCAGCUCA CUGAUGAG GCAA ICUCAAGC 18452 9353 GCUUGAGC U GCUGAGG 3146 CCCCAUCA CUGAUGAG GCCGUUAGGC CGAA ICUCAACC 18453 9356 UGAGCOGU U GCCAGGG 3147 GCCCGCCACCA CUGAUGAG GCCGUUAGGC CGAA ICUCACCA 18455 9387 UCGGCGUC UGCCAGGG 3148 CCCUGACGA CUGAUGAG GCCGUUAGGC CGAA ILUCACCA 18457 9381 COUCUIGC AGGCCAUC 3150 GAUGGCCC CUGAUGAG GCCGUUAGGC C	9310	ACACCCGC A UCACGAGA	3139	UCUCGUGA CUGAUGAG GCCGUUAGGC CGAA ICGGGUGU	18447
9325 GAGCUGAC U UGGAAAAU 3142 AUUUUCCA CUGAUGAG GCCGUUAGGC CGAA IUCAGCUC 18450 9339 AAUGAAGC U AAGGUGCU 3143 AGCACCUU CUGAUGAG GCGUUAGGC CGAA ICUCCADU 18451 9347 UAAGGUGC U UGAUGAG 3144 GCAGCUCA CUGAUGAG GCCGUUAGGC CGAA ICACCUUA 18452 9353 GCUUGAGC U GAUGAGG 3145 CAUCAAGC CUGAUGAG GCCGUUAGGC CGAA ICACCUA 18453 9356 UGAGCUGC U GAUGAGGG 3146 CCCCAUCA CUGAUGAG GCCGUUAGGC CGAA ICACCCCA 18454 9368 UGGGGACA U UGCCCAGGG 3147 GACGCCCA CUGAUGAG GCCGUUAGGC CGAA ICACACCA 18455 9387 UCCGGGGC U UGAUGAG GCCGUUAGG CGCGUUAGGC CGAA ICACACACA 18459 9387 GCCAGGGC A UCAUGAG 3151 UCAAUGAG CUGAUGAG GCCGUUAGGC CGAA <t< td=""><td>9313</td><td>CCCGCAUC A CGAGAGCU</td><td>3140</td><td>AGCUCUCG CUGAUGAG GCCGUUAGGC CGAA IAUGCGGG</td><td>18448</td></t<>	9313	CCCGCAUC A CGAGAGCU	3140	AGCUCUCG CUGAUGAG GCCGUUAGGC CGAA IAUGCGGG	18448
9339 AAUGAAGC U AAGGUGCU 3143 AGCACCUU CUGAUGAG GCCGUUAGGC CGAA ICUUCAUU 18451 9347 UAAGGUGC U UGAGCUGC 3144 GCAGCUCA CUGAUGAG GCCGUUAGGC CGAA ICACCUUA 18452 9353 GCUUGAGC U GCUUGAUG 3145 CAUCAAGC CUGAUGAG GCCGUUAGGC CGAA ICUCAAGC 18454 9356 UGAGCUGC U UGAUGAGG 3146 CCCCAUCA CUGAUGAG GCCGUUAGGC CGAA ICUCCCAA 18454 9368 UGGGGAAC A UCGAGGG 3147 GACGCCGA CUGAUGAG GCCGUUAGGC CGAA ICACGCAA 18455 9377 UCGGCGUC U UGCCAGGG 3148 CCCUGGCA CUGAUGAG GCCGUUAGGC CGAA ICACGCAA 18456 9381 CGUCUUCC A GGGCCAU 3159 AUGGCCCC UGAUGAG GCCGUUAGGC CGAA ICCCUGGC 18457 9388 GCCAGGGC C AUCAUGA 3151 UCAAUGAU CUGAUGAG GCCGUUAGGC CGAA ICCCUGGC 18460 9391 GGGCCAUC A UUGAGCUC 3153 GAGCUCAA CUGAUGAG GCCGUUAGGC CGAA IAGCCCUG 18461 9498 CAUUAGGU 3154 GAUA	9321	ACGAGAGC U GACUUGGA	3141	UCCAAGUC CUGAUGAG GCCGUUAGGC CGAA ICUCUCGU	18449
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9403 AGCUCACC U AUCGUCAC 3157 GUGACGAU CUGAUGAG GCCGUUAGGC CGAA IGUGAGCU 18465 9410 CUAUCGUC A CAAAGUUG 3158 CAACUUUG CUGAUGAG GCCGUUAGGC CGAA IACGAUAG 18466 9412 AUCGUCAC A AAGUUGUG 3159 CACAACUU CUGAUGAG GCCGUUAGGC CGAA IUGACGAU 18467 9433 UGAUGCGC C CGGCUGCU 3160 AGCAGCCG CUGAUGAG GCCGUUAGGC CGAA ICGCAUCA 18468 9434 GAUGCGCC C GGCUGCUG 3161 CAGCAGCC CUGAUGAG GCCGUUAGGC CGAA ICGCAUCA 18469 9438 CGCCCGGC U GCUGAUGG 3162 CCAUCAGC CUGAUGAG GCCGUUAGGC CGAA ICCGCAUC 18469 9441 CCCGCUGC U GAUGGAAG 3163 CUUCCAUC CUGAUGAG GCCGUUAGGC CGAA ICCGGCGG 18470 9453 GGAAGAAC C GUCAUGGA 3164 UCCAUGAC CUGAUGAG GCCGUUAGGC CGAA ICCGCGG 18471 9454 GAACCGUC A UGGAUGUU 3165 AACAUCCA CUGAUGAG GCCGUUAGGC CGAA IUCCUUCC 18472 9457 GAACCGUC A UGGAUGUU 3165 AACAUCCA CUGAUGAG GCCGUUAGGC CGAA IACGGUUC 18473 9469 AUGUUAUC U CCAGAGAA 3166 UUCUCUGG CUGAUGAG GCCGUUAGGC CGAA IAUAACAU 18474 9471 GUUAUCUC C AGAGAAGAU 3168 AUCUUCUC CUGAUGAG GCCGUUAGGC CGAA IAGAUAAC 18475					
9410 CUAUCGUC A CAAAGUUG 3158 CAACUUUG CUGAUGAG GCCGUUAGGC CGAA IACGAUAG 18466 9412 AUCGUCAC A AAGUUGUG 3159 CACAACUU CUGAUGAG GCCGUUAGGC CGAA IUGACGAU 18467 9433 UGAUGCGC C CGGCUGCU 3160 AGCAGCCG CUGAUGAG GCCGUUAGGC CGAA ICGCAUCA 18468 9434 GAUGCGCC C GGCUGCUG 3161 CAGCAGCC CUGAUGAG GCCGUUAGGC CGAA ICGCAUCA 18469 9438 CGCCCGGC U GCUGAUGG 3162 CCAUCAGC CUGAUGAG GCCGUUAGGC CGAA ICCGGCGC 18470 9441 CCCGCUGC U GAUGGAAG 3163 CUUCCAUC CUGAUGAG GCCGUUAGGC CGAA ICAGCCGG 18471 9453 GGAAGAAC C GUCAUGGA 3164 UCCAUGAC CUGAUGAG GCCGUUAGGC CGAA IUUCUUCC 18472 9457 GAACCGUC A UGGAUGUU 3165 AACAUCCA CUGAUGAG GCCGUUAGGC CGAA IACGGUUC 18473 9469 AUGUUAUC U CCAGAGAA 3166 UUCUCUGG CUGAUGAG GCCGUUAGGC CGAA IAUAACAU 18474 9471 GUUAUCUC C AGAGAAGAU 3168 AUCUUCUC CUGAUGAG GCCGUUAGGC CGAA IAGAUAAC 18475					
9412 AUCGUCAC A AAGUUGUG 3159 CACAACUU CUGAUGAG GCCGUUAGGC CGAA IUGACGAU 18467 9433 UGAUGCGC C CGGCUGCU 3160 AGCAGCCG CUGAUGAG GCCGUUAGGC CGAA ICGCAUCA 18468 9434 GAUGCGCC C GGCUGCUG 3161 CAGCAGCC CUGAUGAG GCCGUUAGGC CGAA ICGCAUCA 18469 9438 CGCCCGGC U GCUGAUGG 3162 CCAUCAGC CUGAUGAG GCCGUUAGGC CGAA ICCGGCGC 18470 9441 CCCGCUGC U GAUGGAAG 3163 CUUCCAUC CUGAUGAG GCCGUUAGGC CGAA ICAGCCGG 18471 9453 GGAAGAAC C GUCAUGGA 3164 UCCAUGAC CUGAUGAG GCCGUUAGGC CGAA IUUCUUCC 18472 9457 GAACCGUC A UGGAUGUU 3165 AACAUCCA CUGAUGAG GCCGUUAGGC CGAA IACGGUUC 18473 9469 AUGUUAUC U CCAGAGAA 3166 UUCUCUGG CUGAUGAG GCCGUUAGGC CGAA IAUAACAU 18474 9471 GUUAUCUC C AGAGAAGA 3167 UCUUCUCU CUGAUGAG GCCGUUAGGC CGAA IAGAUAAC 18475 9472 UUAUCUCC A GAGAAGAU 3168 AUCUUCUC CUGAUGAG GCCGUUAGGC CGAA IAGAUAAC 18476					
9433 UGAUGCGC C CGGCUGCU 3160 AGCAGCCG CUGAUGAG GCCGUUAGGC CGAA ICGCAUCA 18468 9434 GAUGCGCC C GGCUGCUG 3161 CAGCAGCC CUGAUGAG GCCGUUAGGC CGAA ICGCAUC 18469 9438 CGCCCGGC U GCUGAUGG 3162 CCAUCAGC CUGAUGAG GCCGUUAGGC CGAA ICCGGGCG 18470 9441 CCGGCUGC U GAUGGAAG 3163 CUUCCAUC CUGAUGAG GCCGUUAGGC CGAA ICAGCCGG 18471 9453 GGAAGAAC C GUCAUGGA 3164 UCCAUGAC CUGAUGAG GCCGUUAGGC CGAA IUUCUUCC 18472 9457 GAACCGUC A UGGAUGUU 3165 AACAUCCA CUGAUGAG GCCGUUAGGC CGAA IACGGUUC 18473 9469 AUGUUAUC U CCAGAGAA 3166 UUCUCUGG CUGAUGAG GCCGUUAGGC CGAA IAUAACAU 18474 9471 GUUAUCUC C AGAGAAGA 3167 UCUUCUCU CUGAUGAG GCCGUUAGGC CGAA IAGAUAAC 18475 9472 UUAUCUCC A GAGAAGAU 3168 AUCUUCUC CUGAUGAG GCCGUUAGGC CGAA IAGAUAAA 18476					
9434 GAUGCGCC C GGCUGCUG 3161 CAGCAGCC CUGAUGAG GCCGUUAGGC CGAA IGCGCAUC 18469 9438 CGCCCGGC U GCUGAUGG 3162 CCAUCAGC CUGAUGAG GCCGUUAGGC CGAA ICCGGGCG 18470 9441 CCGGCUGC U GAUGGAAG 3163 CUUCCAUC CUGAUGAG GCCGUUAGGC CGAA ICAGCCGG 18471 9453 GGAAGAAC C GUCAUGGA 3164 UCCAUGAC CUGAUGAG GCCGUUAGGC CGAA IUUCUUCC 18472 9457 GAACCGUC A UGGAUGUU 3165 AACAUCCA CUGAUGAG GCCGUUAGGC CGAA IACGGUUC 18473 9469 AUGUUAUC U CCAGAGAA 3166 UUCUCUGG CUGAUGAG GCCGUUAGGC CGAA IAUAACAU 18474 9471 GUUAUCUC C AGAGAAGA 3167 UCUUCUCU CUGAUGAG GCCGUUAGGC CGAA IAGAUAAC 18475 9472 UUAUCUCC A GAGAAGAU 3168 AUCUUCUC CUGAUGAG GCCGUUAGGC CGAA IAGAUAAC 18476	<u> </u>				t
9438 CGCCCGGC U GCUGAUGG 3162 CCAUCAGC CUGAUGAG GCCGUUAGGC CGAA ICCGGGCG 18470 9441 CCGGCUGC U GAUGGAAG 3163 CUUCCAUC CUGAUGAG GCCGUUAGGC CGAA ICAGCCGG 18471 9453 GGAAGAAC C GUCAUGGA 3164 UCCAUGAC CUGAUGAG GCCGUUAGGC CGAA IUUCUUCC 18472 9457 GAACCGUC A UGGAUGUU 3165 AACAUCCA CUGAUGAG GCCGUUAGGC CGAA IACGGUUC 18473 9469 AUGUUAUC U CCAGAGAA 3166 UUCUCUGG CUGAUGAG GCCGUUAGGC CGAA IAUAACAU 18474 9471 GUUAUCUC C AGAGAAGA 3167 UCUUCUCU CUGAUGAG GCCGUUAGGC CGAA IAGAUAAC 18475 9472 UUAUCUCC A GAGAAGAU 3168 AUCUUCUC CUGAUGAG GCCGUUAGGC CGAA IAGAUAAA 18476					
9441 CCGGCUGC U GAUGGAAG 3163 CUUCCAUC CUGAUGAG GCCGUUAGGC CGAA ICAGCCGG 18471 9453 GGAAGAAC C GUCAUGGA 3164 UCCAUGAC CUGAUGAG GCCGUUAGGC CGAA IUUCUUCC 18472 9457 GAACCGUC A UGGAUGUU 3165 AACAUCCA CUGAUGAG GCCGUUAGGC CGAA IAUCUUCC 18473 9469 AUGUUAUC U CCAGAGAA 3166 UUCUCUGG CUGAUGAG GCCGUUAGGC CGAA IAUAACAU 18474 9471 GUUAUCUC C AGAGAAGA 3167 UCUUCUCU CUGAUGAG GCCGUUAGGC CGAA IAGAUAAC 18475 9472 UUAUCUCC A GAGAAGAU 3168 AUCUUCUC CUGAUGAG GCCGUUAGGC CGAA IGAGAUAA 18476					t
9453 GGAAGAAC C GUCAUGGA 3164 UCCAUGAC CUGAUGAG GCCGUUAGGC CGAA IUUCUUCC 18472 9457 GAACCGUC A UGGAUGUU 3165 AACAUCCA CUGAUGAG GCCGUUAGGC CGAA IACGGUUC 18473 9469 AUGUUAUC U CCAGAGAA 3166 UUCUCUGG CUGAUGAG GCCGUUAGGC CGAA IAUAACAU 18474 9471 GUUAUCUC C AGAGAAGA 3167 UCUUCUCU CUGAUGAG GCCGUUAGGC CGAA IAGAUAAC 18475 9472 UUAUCUCC A GAGAAGAU 3168 AUCUUCUC CUGAUGAG GCCGUUAGGC CGAA IGAGAUAA 18476					
9457 GAACCGUC A UGGAUGUU 3165 AACAUCCA CUGAUGAG GCCGUUAGGC CGAA IACGGUUC 18473 9469 AUGUUAUC U CCAGAGAA 3166 UUCUCUGG CUGAUGAG GCCGUUAGGC CGAA IAUAACAU 18474 9471 GUUAUCUC C AGAGAAGA 3167 UCUUCUCU CUGAUGAG GCCGUUAGGC CGAA IAGAUAAC 18475 9472 UUAUCUCC A GAGAAGAU 3168 AUCUUCUC CUGAUGAG GCCGUUAGGC CGAA IGAGAUAA 18476					
9469 AUGUUAUC U CCAGAGAA 3166 UUCUCUGG CUGAUGAG GCCGUUAGGC CGAA IAUAACAU 18474 9471 GUUAUCUC C AGAGAAGA 3167 UCUUCUCU CUGAUGAG GCCGUUAGGC CGAA IAGAUAAC 18475 9472 UUAUCUCC A GAGAAGAU 3168 AUCUUCUC CUGAUGAG GCCGUUAGGC CGAA IGAGAUAA 18476					
9471 GUUAUCUC C AGAGAAGA 3167 UCUUCUCU CUGAUGAG GCCGUUAGGC CGAA IAGAUAAC 18475 9472 UUAUCUCC A GAGAAGAU 3168 AUCUUCUC CUGAUGAG GCCGUUAGGC CGAA IGAGAUAA 18476					
9472 UUAUCUCC A GAGAAGAU 3168 AUCUUCUC CUGAUGAG GCCGUUAGGC CGAA IGAGAUAA 18476					
200 000 000 000 000				<u></u>	
9482 AGAAGAUC A GAGGGGGA 3169 UCCCCCUC CUGAUGAG GCCGUUAGGC CGAA IAUCUUCU 18477					
	9482	AGAAGAUC A GAGGGGGA	3169	UCCCCCUC CUGAUGAG GCCGUUAGGC CGAA IAUCUUCU	18477

Table IV

				4445
9497	GAGUGGAC A AGUUGUCA	3170	UGACAACU CUGAUGAG GCCGUUAGGC CGAA IUCCACUC	18478
9505	AAGUUGUC A CCUACGCC	3171	GGCGUAGG CUGAUGAG GCCGUUAGGC CGAA IACAACUU	18479
9507	GUUGUCAC C UACGCCCU	3172	AGGGCGUA CUGAUGAG GCCGUUAGGC CGAA IUGACAAC	18480
9508	UUGUCACC U ACGCCCUA	3173	UAGGGCGU CUGAUGAG GCCGUUAGGC CGAA IGUGACAA	18481
9513	ACCUACGC C CUAAACAC	3174	GUGUUUAG CUGAUGAG GCCGUUAGGC CGAA ICGUAGGU	18482
9514	CCUACGCC C UAAACACU	3175	AGUGUUUA CUGAUGAG GCCGUUAGGC CGAA IGCGUAGG	18483
9515	CUACGCCC U AAACACUU	3176	AAGUGUUU CUGAUGAG GCCGUUAGGC CGAA IGGCGUAG	18484
9520	CCCUAAAC A CUUUCACC	3177	GGUGAAAG CUGAUGAG GCCGUUAGGC CGAA IUUUAGGG	18485
9522	CUAAACAC U UUCACCAA	3178	UUGGUGAA CUGAUGAG GCCGUUAGGC CGAA IUGUUUAG	18486
		3179	CAGGUUGG CUGAUGAG GCCGUUAGGC CGAA IAAAGUGU	18487
9526	ACACUUUC A CCAACCUG			
9528	ACUUUCAC C AACCUGGC	3180	GCCAGGUU CUGAUGAG GCCGUUAGGC CGAA IUGAAAGU	18488
9529	CUUUCACC A ACCUGGCC	3181	GGCCAGGU CUGAUGAG GCCGUUAGGC CGAA IGUGAAAG	18489
9532	UCACCAAC C UGGCCGUC	3182	GACGGCCA CUGAUGAG GCCGUUAGGC CGAA IUUGGUGA	18490
9533	CACCAACC U GGCCGUCC	3183	GGACGGCC CUGAUGAG GCCGUUAGGC CGAA IGUUGGUG	18491
9537	AACCUGGC C GUCCAGCU	3184	AGCUGGAC CUGAUGAG GCCGUUAGGC CGAA ICCAGGUU	18492
9541	UGGCCGUC C AGCUGGUG	3185	CACCAGCU CUGAUGAG GCCGUUAGGC CGAA IACGGCCA	18493
9542	GGCCGUCC A GCUGGUGA	3186	UCACCAGC CUGAUGAG GCCGUUAGGC CGAA IGACGGCC	18494
9545	CGUCCAGC U GGUGAGGA	3187	UCCUCACC CUGAUGAG GCCGUUAGGC CGAA ICUGGACG	18495
9580	UGAUUGGC C CAGAUGAU	3188	AUCAUCUG CUGAUGAG GCCGUUAGGC CGAA ICCAAUCA	18496
9581	GAUUGGCC C AGAUGAUG	3189	CAUCAUCU CUGAUGAG GCCGUUAGGC CGAA IGCCAAUC	18497
9582	AUUGGCCC A GAUGAUGU	3190	ACAUCAUC CUGAUGAG GCCGUUAGGC CGAA IGGCCAAU	18498
	GGAGAAAC U CACAAAAG	3191	CUUUUGUG CUGAUGAG GCCGUUAGGC CGAA IUUUCUCC	18499
9599				
9601	AGAAACUC A CAAAAGGG	3192	CCCUUUUG CUGAUGAG GCCGUUAGGC CGAA IAGUUUCU	18500
9603	AAACUCAC A AAAGGGAA	3193	UUCCCUUU CUGAUGAG GCCGUUAGGC CGAA IUGAGUUU	18501
9617	GAAAGGAC C CAAAGUCA	3194	UGACUUUG CUGAUGAG GCCGUUAGGC CGAA IUCCUUUC	18502
9618	AAAGGACC C AAAGUCAG	3195	CUGACUUU CUGAUGAG GCCGUUAGGC CGAA IGUCCUUU	18503
9619	AAGGACCC A AAGUCAGG	3196	CCUGACUU CUGAUGAG GCCGUUAGGC CGAA IGGUCCUU	18504
9625	CCAAAGUC A GGACCUGG	3197	CCAGGUCC CUGAUGAG GCCGUUAGGC CGAA IACUUUGG	18505
9630	GUCAGGAC C UGGCUGUU	3198	AACAGCCA CUGAUGAG GCCGUUAGGC CGAA IUCCUGAC	18506
9631	UCAGGACC U GGCUGUUU	3199	AAACAGCC CUGAUGAG GCCGUUAGGC CGAA IGUCCUGA	18507
9635	GACCUGGC U GUUUGAGA	3200	UCUCAAAC CUGAUGAG GCCGUUAGGC CGAA ICCAGGUC	18508
9659	AGAAAGAC U CAGCCGCA	3201	UGCGGCUG CUGAUGAG GCCGUUAGGC CGAA IUCUUUCU	18509
9661	AAAGACUC A GCCGCAUG	3202	CAUGCGGC CUGAUGAG GCCGUUAGGC CGAA IAGUCUUU	18510
9664	GACUCAGC C GCAUGGCU	3203	AGCAUGC CUGAUGAG GCCGUUAGGC CGAA ICUGAGUC	18511
				
9667	UCAGCCGC A UGGCUGUC	3204	GACAGCCA CUGAUGAG GCCGUUAGGC CGAA ICGGCUGA	18512
9672	CGCAUGGC U GUCAGUGG	3205	CCACUGAC CUGAUGAG GCCGUUAGGC CGAA ICCAUGCG	18513
9676	UGGCUGUC A GUGGAGAU	3206	AUCUCCAC CUGAUGAG GCCGUUAGGC CGAA IACAGCCA	18514
9688	GAGAUGAC U GUGUGGUA	3207	UACCACAC CUGAUGAG GCCGUUAGGC CGAA IUCAUCUC	18515
9701	GGUAAAGC C CCUGGACG	3208	CGUCCAGG CUGAUGAG GCCGUUAGGC CGAA ICUUUACC	18516
9702	GUAAAGCC C CUGGACGA	3209	UCGUCCAG CUGAUGAG GCCGUUAGGC CGAA IGCUUUAC	18517
9703	UAAAGCCC C UGGACGAU	3210	AUCGUCCA CUGAUGAG GCCGUUAGGC CGAA IGGCUUUA	18518
9704	AAAGCCCC U GGACGAUC	3211	GAUCGUCC CUGAUGAG GCCGUUAGGC CGAA IGGGCUUU	18519
9715	ACGAUCGC U UUGCCACC	3212	GGUGGCAA CUGAUGAG GCCGUUAGGC CGAA ICGAUCGU	18520
9720	CGCUUUGC C ACCUCGCU	3213	AGCGAGGU CUGAUGAG GCCGUUAGGC CGAA ICAAAGCG	18521
9721	GCUUUGCC A CCUCGCUC	3214	GAGCGAGG CUGAUGAG GCCGUUAGGC CGAA IGCAAAGC	18522
9723	UUUGCCAC C UCGCUCCA	3215	UGGAGCGA CUGAUGAG GCCGUUAGGC CGAA IUGGCAAA	18523
-				
9724	UUGCCACC U CGCUCCAC	3216	GUGGAGCG CUGAUGAG GCCGUUAGGC CGAA IGUGGCAA	18524
9728	CACCUCGC U CCACUUCC	3217	GGAAGUGG CUGAUGAG GCCGUUAGGC CGAA ICGAGGUG	18525
9730	CCUCGCUC C ACUUCCUC	3218	GAGGAAGU CUGAUGAG GCCGUUAGGC CGAA IAGCGAGG	18526
9731	CUCGCUCC A CUUCCUCA	3219	UGAGGAAG CUGAUGAG GCCGUUAGGC CGAA IGAGCGAG	18527
9733	CGCUCCAC U UCCUCAAU	3220	AUUGAGGA CUGAUGAG GCCGUUAGGC CGAA IUGGAGCG	18528
9736	UCCACUUC C UCAAUGCU	3221	AGCAUUGA CUGAUGAG GCCGUUAGGC CGAA IAAGUGGA	18529
9737	CCACUUCC U CAAUGCUA	3222	UAGCAUUG CUGAUGAG GCCGUUAGGC CGAA IGAAGUGG	18530
9739	ACUUCCUC A AUGCUAUG	3223	CAUAGCAU CUGAUGAG GCCGUUAGGC CGAA IAGGAAGU	18531
9744	CUCAAUGC U AUGUCAAA	3224	UUUGACAU CUGAUGAG GCCGUUAGGC CGAA ICAUUGAG	18532
9750	GCUAUGUC A AAGGUUCG	3225	CGAACCUU CUGAUGAG GCCGUUAGGC CGAA IACAUAGC	18533
9760	AGGUUCGC A AAGACAUC	3226	GAUGUCUU CUGAUGAG GCCGUUAGGC CGAA ICGAACCU	18534
9766	GCAAAGAC A UCCAAGAG	3227	CUCUUGGA CUGAUGAG GCCGUUAGGC CGAA IUCUUUGC	18535
9769		 		
	AAGACAUC C AAGAGUGG	3228	CCACUCUU CUGAUGAG GCCGUUAGGC CGAA IAUGUCUU	18536
9770	AGACAUCC A AGAGUGGA	3229	UCCACUCU CUGAUGAG GCCGUUAGGC CGAA IGAUGUCU	18537
9782	GUGGAAAC C GUCAACUG	3230	CAGUUGAC CUGAUGAG GCCGUUAGGC CGAA IUUUCCAC	18538

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9786	AAACCGUC A ACUGGAUG	3231	CAUCCAGU CUGAUGAG GCCGUUAGGC CGAA IACGGUUU	18539
9789	CCGUCAAC U GGAUGGUA	3232	UACCAUCC CUGAUGAG GCCGUUAGGC CGAA IUUGACGG	18540
9806	UGAUUGGC A GCAGGUUC	3233	GAACCUGC CUGAUGAG GCCGUUAGGC CGAA ICCAAUCA	18541
9809	UUGGCAGC A GGUUCCAU	3234	AUGGAACC CUGAUGAG GCCGUUAGGC CGAA ICUGCCAA	18542
9815	GCAGGUUC C AUUUUGCU	3235	AGCAAAAU CUGAUGAG GCCGUUAGGC CGAA IAACCUGC	18543
9816	CAGGUUCC A UUUUGCUC	3236	GAGCAAAA CUGAUGAG GCCGUUAGGC CGAA IGAACCUG	18544
9823	CAUUUUGC U CAAACCAU	3237	AUGGUUUG CUGAUGAG GCCGUUAGGC CGAA ICAAAAUG	18545
9825	UUUUGCUC A AACCAUUU	3238	AAAUGGUU CUGAUGAG GCCGUUAGGC CGAA IAGCAAAA	18546
		3239		
9829	GCUCAAAC C AUUUCACU		AGUGAAAU CUGAUGAG GCCGUUAGGC CGAA IUUUGAGC	18547
9830	CUCAAACC A UUUCACUG	3240	CAGUGAAA CUGAUGAG GCCGUUAGGC CGAA IGUUUGAG	18548
9835	ACCAUUUC A CUGAAUUG	3241	CAAUUCAG CUGAUGAG GCCGUUAGGC CGAA IAAAUGGU	18549
9837	CAUUUCAC U GAAUUGAU	3242	AUCAAUUC CUGAUGAG GCCGUUAGGC CGAA IUGAAAUG	18550
9847	AAUUGAUC A UGAAAGAU	3243	AUCUUUCA CUGAUGAG GCCGUUAGGC CGAA IAUCAAUU	18551
9864	GGAAGAAC A CUGGUGGU	3244	ACCACCAG CUGAUGAG GCCGUUAGGC CGAA IUUCUUCC	18552
9866	AAGAACAC U GGUGGUUC	3245	GAACCACC CUGAUGAG GCCGUUAGGC CGAA IUGUUCUU	18553
9875	GGUGGUUC C AUGCCGAG	3246	CUCGGCAU CUGAUGAG GCCGUUAGGC CGAA IAACCACC	18554
9876	GUGGUUCC A UGCCGAGG	3247	CCUCGGCA CUGAUGAG GCCGUUAGGC CGAA IGAACCAC	18555
9880	UUCCAUGC C GAGGACAG	3248	CUGUCCUC CUGAUGAG GCCGUUAGGC CGAA ICAUGGAA	18556
9887	CCGAGGAC A GGAUGAAU	3249	AUUCAUCC CUGAUGAG GCCGUUAGGC CGAA IUCCUCGG	
	· · · · · · · · · · · · · · · · · · ·			18557
9904	UGGUAGGC A GAGCUCGC	3250	GCGAGCUC CUGAUGAG GCCGUUAGGC CGAA ICCUACCA	18558
9909	GGCAGAGC U CGCAUAUC	3251	GAUAUGCG CUGAUGAG GCCGUUAGGC CGAA ICUCUGCC	18559
9913	GAGCUCGC A UAUCUCCA	3252	UGGAGAUA CUGAUGAG GCCGUUAGGC CGAA ICGAGCUC	18560
9918	CGCAUAUC U CCAGGGGC	3253	GCCCCUGG CUGAUGAG GCCGUUAGGC CGAA IAUAUGCG	18561
9920	CAUAUCUC C AGGGGCCG	3254	CGGCCCCU CUGAUGAG GCCGUUAGGC CGAA IAGAUAUG	18562
9921	AUAUCUCC A GGGGCCGG	3255	CCGGCCCC CUGAUGAG GCCGUUAGGC CGAA IGAGAUAU	18563
9927	CCAGGGGC C GGAUGGAA	3256	UUCCAUCC CUGAUGAG GCCGUUAGGC CGAA ICCCCUGG	18564
9940	GGAACGUC C GCGACACU	3257	AGUGUCGC CUGAUGAG GCCGUUAGGC CGAA IACGUUCC	18565
9946	UCCGCGAC A CUGCUUGU	3258	ACAAGCAG CUGAUGAG GCCGUUAGGC CGAA IUCGCGGA	18566
9948	CGCGACAC U GCUUGUCU	3259	AGACAAGC CUGAUGAG GCCGUUAGGC CGAA IUGUCGCG	18567
9951	GACACUGC U UGUCUGGC	3260	GCCAGACA CUGAUGAG GCCGUUAGGC CGAA ICAGUGUC	
		 		18568
9956	UGCUUGUC U GGCUAAGU	3261	ACUUAGCC CUGAUGAG GCCGUUAGGC CGAA IACAAGCA	18569
9960	UGUCUGGC U AAGUCUUA	3262	UAAGACUU CUGAUGAG GCCGUUAGGC CGAA ICCAGACA	18570
9966	GCUAAGUC U UAUGCCCA	3263	UGGGCAUA CUGAUGAG GCCGUUAGGC CGAA IACUUAGC	18571
9972	UCUUAUGC C CAGAUGUG	3264	CACAUCUG CUGAUGAG GCCGUUAGGC CGAA ICAUAAGA	18572
9973	CUUAUGCC C AGAUGUGG	3265	CCACAUCU CUGAUGAG GCCGUUAGGC CGAA IGCAUAAG	18573
9974	UUAUGCCC A GAUGUGGC	3266	GCCACAUC CUGAUGAG GCCGUUAGGC CGAA IGGCAUAA	18574
9983	GAUGUGGC U GCUUCUGU	3267	ACAGAAGC CUGAUGAG GCCGUUAGGC CGAA ICCACAUC	18575
9986	GUGGCUGC U UCUGUACU	3268	AGUACAGA CUGAUGAG GCCGUUAGGC CGAA ICAGCCAC	18576
9989	GCUGCUUC U GUACUUCC	3269	GGAAGUAC CUGAUGAG GCCGUUAGGC CGAA IAAGCAGC	18577
9994	UUCUGUAC U UCCACAGA	3270	UCUGUGGA CUGAUGAG GCCGUUAGGC CGAA IUACAGAA	18578
9997	UGUACUUC C ACAGAAGA	3271	UCUUCUGU CUGAUGAG GCCGUUAGGC CGAA IAAGUACA	18579
9998	GUACUUCC A CAGAAGAG	3272		
1-2-1				18580
10000	ACUUCCAC A GAAGAGAC	3273	GUCUCUUC CUGAUGAG GCCGUUAGGC CGAA IUGGAAGU	18581
10009	GAAGAGAC C UGCGGCUC	3274	GAGCCGCA CUGAUGAG GCCGUUAGGC CGAA IUCUCUUC	18582
10010	AAGAGACC U GCGGCUCA	3275	UGAGCCGC CUGAUGAG GCCGUUAGGC CGAA IGUCUCUU	18583
10016	CCUGCGGC U CAUGGCCA	3276	UGGCCAUG CUGAUGAG GCCGUUAGGC CGAA ICCGCAGG	18584
10018	UGCGGCUC A UGGCCAAC	3277	GUUGGCCA CUGAUGAG GCCGUUAGGC CGAA IAGCCGCA	18585
10023	CUCAUGGC C AACGCCAU	3278	AUGGCGUU CUGAUGAG GCCGUUAGGC CGAA ICCAUGAG	18586
10024	UCAUGGCC A ACGCCAUU	3279	AAUGGCGU CUGAUGAG GCCGUUAGGC CGAA IGCCAUGA	18587
10029	GCCAACGC C AUUUGCUC	3280	GAGCAAAU CUGAUGAG GCCGUUAGGC CGAA ICGUUGGC	18588
10030	CCAACGCC A UUUGCUCC	3281	GGAGCAAA CUGAUGAG GCCGUUAGGC CGAA IGCGUUGG	18589
10036	CCAUUUGC U CCGCUGUC	3282	GACAGCGG CUGAUGAG GCCGUUAGGC CGAA ICAAAUGG	18590
10038	AUUUGCUC C GCUGUCCC	3283	GGGACAGC CUGAUGAG GCCGUUAGGC CGAA IAGCAAAU	18591
10041	necnceec n enccenen	3284	ACAGGGAC CUGAUGAG GCCGUUAGGC CGAA ICGGAGCA	
10045	CCGCUGUC C CUGUGAAU	3285		18592
10045			AUUCACAG CUGAUGAG GCCGUUAGGC CGAA IACAGCGG	18593
	CGCUGUCC C UGUGAAUU	3286	AAUUCACA CUGAUGAG GCCGUUAGGC CGAA IGACAGCG	18594
10047	GCUGUCCC U GUGAAUUG	3287	CAAUUCAC CUGAUGAG GCCGUUAGGC CGAA IGGACAGC	18595
10060	AUUGGGUC C CUACCGGA	3288	UCCGGUAG CUGAUGAG GCCGUUAGGC CGAA IACCCAAU	18596
10061	UUGGGUCC C UACCGGAA	3289	UUCCGGUA CUGAUGAG GCCGUUAGGC CGAA IGACCCAA	18597
10062	UGGGUCCC U ACCGGAAG	3290	CUUCCGGU CUGAUGAG GCCGUUAGGC CGAA IGGACCCA	18598
10065	GUCCCUAC C GGAAGAAC	3291	GUUCUUCC CUGAUGAG GCCGUUAGGC CGAA IUAGGGAC	18599

10075 GARAGOCC C. AUCCARGO 2324 GOGERGEO CURADUAS (CESADUAGE) CORA TRUCCURC 18600 10081 ACEBORIUC C. AUCCARGO 2324 GOGERGEO CURADUAS (CESADUAGE) CORA TACCARGO 18602 10081 ACEBORIUC C. AUCCARGO 2324 GUCURGEO CURADUAS (CESADUAGE) CORA TACCARGO 18602 10081 GOURDO CORA TACCARGO 18602 10081 GOURDO CORA TACCARGO 18602 10081 GOURDO CORA TACCARGO 18604 10088 GUCURCUC C. AUGCARGO 3329 UUCUCUGU CURADUAG (CEGADUAGE) CORA TAUGRACO 18604 10088 GUCURCUC C. AUGCARGO 3329 UUCUCUGU CURADUAG (CEGADUAGE) CORA TAUGRACO 18604 10088 GUCURGU CARGO CORA TAUGRACO 18604 10089 GUCURGU CURADUAG CEGADUAGE CORA TAUGRACO 18604 10010 GORRAGO CARGO CARGO 10011 GORRAGO CARGO CARGO 10011 GORRAGO CARGO 10011 GORRAGO CARGO CARGO 10011 GORRAGO CARGO CARGO CARGO 10011 GORRAGO CARGO CARG	10074	COLLON C. A COMPOSITO	2000	T 01001001 C101010 0000000 000 000	
10088 ACQUIGGIC A LUCCAURCE 3294 GADIGGAI CUBARDAG COGUULAGOC CIAA TACCACGU 18603 10084 CORQUIGCA CARLORAGO 12955 LUCCAUGA CUBARDAG COGUULAGOC CAAA TACCACGU 18604 10089 GUICCAUCC A DIGACAGA 3295 CUCCUCICA CUBARDAG GCCGUULAGOC CAAA TACCACGU 18604 10092 AUCCAUCC A GARAGACA 3295 CUCCUCICA CUBARDAG GCCGUULAGOC CAAA TACCACGA 18605 10102 AUCCAUCCA ACAGAGACA 3295 CUCCUCICA CUBARDAG GCCGUULAGOC CAAA TACCACCA 18607 10111 TOGARDAC A GAGRAGAD 3300 AUGUCCUCC CUBARDAG GCCGUULAGOC CAAA TACCACCA 18607 10111 AUGUCACA A CAGAGACA 3300 AUGUCCUCC CUBARDAG GCCGUULAGOC CAAA TUCUCCA 18607 10112 UGGAGACA C GAGRACAU 3300 AUGUCCUC CUBARDAG GCCGUULAGOC CAAA TUCUCCA 18607 10112 UGGAGAC C GUICAGACA CUBARDAG GCCGUULAGOC CAAA TUCUCCA 18607 10112 UGGAGAC C GUICAGACA C UGAAACAC CUBARDAG GCCGUULAGOC CAAA TUCUCCA 18610 10113 UCUGGAAC C GUICAGACA C UGAACACC CUBARDAG GCCGUULAGOC CAAA TUCUCCAAA 18611 10174 UGAAAACC C CAUCUGGA 3300 CUCCACCAC CUBARDAG GCGUULAGOC CAAA TUCUCCAAA 18611 10174 UGAAAACC C CAUCUGGAA 3300 CUCCACCAC CUBARDAG GCGUULAGOC CAAA TUCUCCAAA 18611 10174 UGAAAACC C CAUCUGGAA 3300 CUCCACCAC CUBARDAG GCGUULAGAC CAAA TUCUCCAAA 18611 10174 UGAAAACC C CAUCUGGAA 3300 CUCCACCAC CUBARDAG GCGUULAGAC CAAA TUCUCCAAA 18612 10179 ACAAAACC C CAUCUGGAA 3300 CUCCACCAC CUBARDAG GCGUULAGAC CAAA TUCUCCAAA 18612 10180 ACAAAACC C CAUCUGGAA 3300 CUCCACCAC CUBARDAG GCGUULAGAC CAAA TUCUCCAAA 18612 10180 ACAAACCC C AUGUGGAA 3300 CUCCACCAC CUBARDAG GCGUULAGAC CAAA TUCUCCAAA 18612 10180 ACAAACCC C AUGUGGAA 3300 CUCCACCAC CUBARDAG CCGUULAGAC CAAA TUCUCCAAA 18612 10180 ACAAACCC C AUGUGGAA 3300 CUCCACCAC CUBARDAG CCGUULAGAC CAAA TUCUCCAAA 18612 10180 ACAACCACAAA CAAA CACCACAA CAAA CACCAAA CAAAACCACAAA CAAACCAAA CAAAACCAAA CAAAACCACAAA CAAAACCACAA CAAAACAAA CAAAACAA CAAAACAAA CAAAACA	10074	GGAAGAAC C ACGUGGUC	3292	GACCACGU CUGAUGAG GCCGUUAGGC CGAA IUUCUUCC	18600
10096 GUIGGIECC A UCCAUGEA 2295 UCCUGEAC CURAUGAG COSTUMAGE COAN TRACCACG 18651 10097 GUICCAUCC A VIGENGAGA 3295 UCCUCACUC CURAUGAG COCCUMAGE COAN TRAUGACA 18651 10092 AUCCAUCC A GUAGAGAG 3297 UCCUCACC CURAUGAG COCCUMAGE COAN TRAUGAGA 18650 10110 UGGAUGAC A GAGAGAGA 3298 UCCUCACUC CURAUGAG COCCUMAGE COAN TRAUGAGA 18650 101111 UGGAUGAC A CAGAGAGA 3299 UCCUCACUC CURAUGAG COCCUMAGE COAN TRAUGAGA 18650 10112 UGGAUGAC A GAGAGACAU 3300 AUGUCCACC CURAUGAG COCCUMAGE COAN TUCUCCAC 186610 10112 UGGAUGAC A CAGAGAGA 3301 UCCCACAC CURAUGAG COCCUMAGE COAN TUCUCCAC 18610 10112 UGGAUGAC A CURAUGAG 3301 UCCCACAC CURAUGAG COCCUMAGE COAN TUCUCCAC 18610 10112 UGGAUGAC C GUIGUAGA 3302 ACQUACCC CURAUGAG COCCUMAGE COAN TUCCACAC 18610 10113 UCGAAAC C CAGUGAGA 3304 UCCCACUC CURAUGAG COCCUMAGE COAN TUCCACAC 18610 10114 UGGAAGAC A NAACCCC A 3304 UCCCACUC CURAUGAG COCCUMAGE COAN TUCCACAC 18610 10117 GACAAAC C CAGUGAGA 3305 UCCACACUC CURAUGAG COCCUMAGE COAN TUCCACAC 18610 1018 UCCACACUC CURAUGAG CURAUGAG COCCUMAGE COAN TUCCACAC 18610 1018 ACAAACC C AGUGGAGA 3309 UCCACACUC CURAUGAG COCCUMAGE COAN TUCCACAC 18610 1018 ACAAACC C AGUGGAGA 3309 UCCACACUC CURAUGAG COCCUMAGE COAN TUCCACAC 18610 1018 ACAAACC C AGUGGAGA 3309 UCCACACUC CURAUGAG COCCUMAGE COAN TUCCACAC 18610 1018 ACAAACC C AGUGGAGA 3309 UCCACACUC CURAUGAG COCCUMAGE COAN TUCCACAC 18610 1018 ACAAACC C AGUGGAGA 3309 UCCACACUC CURAUGAG COCCUMAGE COAN TUCCACAC 18610 1018 ACAAACC C AGUGGAGA 3309 UCCACACC CURAUGAG COCCUMAGE COAN TUCCACAC 18610 1018 ACAAACC C AGUGGAGA 3309 UCCACACC CURAUGAG COCCUMAGE COAN TUCCACAC 18610 1018 ACACACC C AGUGGAGA 3309 UCCACACC CURAUGAG COCCUMAGE COAN TUCCACAC 18610 1018 ACAAACC C AGUGGAGA 3309 UCCACACC CURAUGAG COCCUMAGE COAN TUCCACAC 18610 1018 ACACACC C AGUGGAGA 3310 UCCACCAC CURAUGAG COCCUMAGE COAN TUCCACAC 18	10075	GAAGAACC A CGUGGUCC	3293	GGACCACG CUGAUGAG GCCGUUAGGC CGAA IGUUCUUC	18601
10098 GSUGRICC A UCCAUGCA 2295 UCCUCCUC CUARDINA CICATIONS COAN TRACCACC 186514 10098 GUICCAUC A VICAGORA 23296 UCCUCCUC CUARDINA COANTINA	10083	ACGUGGUC C AUCCAUGC	3294	GCALIGGALL CLICALIGAG GCCGLILIAGGC CGAA TACCACGLI	19602
10086 GIUCANIC C AUGCARDA 3299 CUICCUCC CURNUGAG COSUMAGE CORA ICANGRAD 18605 10092 NUCCARCA NEGRODAR 3299 UCUICCUCC CURNUGAG COSUMAGE CORA ICANGRAD 18605 10110 UGGARDAC A ACAGAGGA 3299 UCUICCUCC CURNUGAG COSUMAGE CORA ICANGRAD 18605 10110 UGGARDAC A ACAGAGGA 3299 UCUICCUCC CURNUGAG COROUNAGE CORA ICANGRAD 18606 10110 UGGARDAC A ACAGAGGA 3299 UCUICCUCC CURNUGAG COROUNAGE CORA IUCUICCA 18607 101113 AVGRADAC A GAGGACA 3300 AUGUICCAC CURNUGAG GCOSUMAGE CORA IUCUICCA 18608 101120 UCUGARAC A GURAGAGA COROUNAGE CORA IUCUICCA 18609 101120 UCUGARAC A GURAGAGA COROUNAGE CORA IUCUICCA 18609 101120 UCUGARAC COROUNAGE CORA IUCUICCA 18610 101130 UCUGARAC COROUNAGE CORA IUCUICCA 18610 101130 UCUGARAC COROUNAGE CORA IUCUICCA 18610 101130 UCUGARAC COROUNAGE CORA IUCUICCA 18611 101130 UCUGARAC COROUNAGE CORA IUCUICCA 18611 101130 ACARAACC COROUNAGE CORA IUCUICCA 18611 101130 ACARAACC COROUNAGE CORA IUCUICCA 18611 101130 ACARAACC COROUNAGE CORA IUCUICCA 18612 101130 ACARAACC COROUNAGE CORA IUCUICCA 18612 101130 ACARAACC COROUNAGE CORA IUCUICCA 18612 101130 ACARAACC COROUNAGA 18611 101130 ACARAACC COROUNAGA COROUNAGE CORA IUCUICCA 18612 10124 ACARACC COROUNAGA 18611 10124 ACARACC COROUNAGA COROUNAGA 18611 10124 ACARACC COROUNAGA 13611 10124 UCUICCA COROUNAGA 101130					
10092 NUCCORDE A USCANGARA 3299 UCICUICO CURATIGAS GEGULAGES CORA TICAUCCA 18605					18603
10110	10087	GGUCCAUC C AUGCAGGA	3296	UCCUGCAU CUGAUGAG GCCGUUAGGC CGAA IAUGGACC	18604
10092 AUCCAUGE A GAGAGAGA 3299 UCCCUCIC CUGAUGAG GCGULAGGC GAA ICAUGGAU 18607 10110 UGGAUGA A GAGGACAU 3299 UCCCUCIC CUGAUGAG GCGULAGGC GAA ICAUGCAC 18607 10112 CAGAGAC A GAGGACAU 3300 AUGUCCUC CUGAUGAG GCCGULAGGC CAA ILUGUCCU 18608 10122 UGGAGGC A UGUUGGA 3301 CUCCAGAC GUGAUGAG GCCGULAGGC CAA ILUGUCCUC 18608 10123 UGGGAGC A UGUUGGA 3302 ACGGULUC CUGAUGAG GCCGULAGGC CAA ILUGUCCAGA 18610 10124 UGGAAGC G GUGUUGGG 3303 CACAACAC CUGAUGAG GCGULAGGC GAA ILUCUCCAGA 18611 10174 UGGAAGC G GUGUUGGG 3304 UGGGUGU CUGAUGAG GCGULAGGC GAA ILUCUCCAGA 18611 10179 GACAAAAC C CAGUGGA 3305 CUCCAGUG CUGAUGAG GCGULAGGC GAA ILUCUCCAGA 18612 10179 GACAAAAC C CAGUGGAA 3305 CUCCAGUG CUGAUGAG GCGULUAGGC GAA ILUCUCCAGA 18612 10180 ACAAACC C AGUGGAA 3306 CUCCAGUG CUGAUGAG GCGULUAGGC GAA ICUUCCAGU 18613 10181 CAAAACC C AGUGGAA 3306 CUCCAGUG CUGAUGAG GCGULUAGGC GAA ICUUCCAGU 18613 10182 AAAACC C AGUGGAA 3307 UUCUCCAC CUGAUGAG GCGULUAGGC GAA ICUUCCAGU 18612 10204 GUGACGUC C AUUUUCA 3309 UUCUCCAC CUGAUGAG GCGULUAGGC GAA ICUUCCAGU 18612 10205 GACGUCCC A UAUUCA 3309 UUCUCCAC CUGAUGAG GCGULUAGGC GAA ICUUCCAGU 18617 10205 GACGUCCC A UAUUCA 3301 CUCAAUGA CUGAUGAG GCCGULUAGGC CAA ICUCCAGU 18617 10205 GACGUCCC A UAUUCA 3301 CUGAAUGA CUGAUGAG GCCGULUAGGC CAA ICUCCACU 18617 10206 GACGUCCC A UAUUCAG 3311 CUGAAUGA CUGAUGAG GCCGULUAGGC CAA ICUCCCAC 18618 10212 CAUUGUGA GGAGAGGA 3312 CUGAGAGG CUGAUGAGG GCGULUAGGC CAA ICUCCCAC 18618 10212 CAUUGUGA GGAGAGGA 3313 ACACCAGA CUGAUGAG GCCGULUAGGC CAA ICUCCCAC 18614 10213 AGGACAUC U GGUGGGC 3314 ACACCACC CUGAUGAG GCCGULUAGGC CAA ICUCCCAC 18624 10214 UGGCAGC C UGAUGGGC CUGAUGAG GCCGULUAGGC CAA ICUCCCAC 18624 10215 CAUGGGGC C CUGAUGAGG CUGAUGAG CUGAUGAGG CCGAA ICUCCAC 18624 10216 CACAAGGC C CAACGAGCA 3314 ACACCAC CUGAUGAG GCCGULUAGGC CAA ICUCCAC 18624 10216 CACAAGCA C CACAGGACA 3314 AC	10088	GUCCAUCC A UGCAGGAG	3297	CUCCUGCA CUGAUGAG GCCGUUAGGC CGAA IGAUGGAC	18605
10110	10092	AUCCAUGE A GEAGGAGA	3200		
10112 AUGRCANA G GROGRACU 3300 AUGUCCUC CUGANGAG GCCCULAGGC COAN TUTUCUCUT 18609 10122 CAGAGGAC A UGUUGGAN 3301 CUCCRACA CUGANGAG GCCCULAGGC COAN TUTUCCUCT 18600 10132 UGGAGGUC U GRACCCU 3302 ACGUTUCC CUGANGAG GCCCULAGGC COAN TUTUCCCCA 18610 10138 UCUGGANAC C GUGANGAG ACGUTUCCC 18611 10139 UCUGGANAC C GUGANGAG ACGUTUCCCA 18610 10139 UCUGGANAC C COANGAGA ACGUTUCCCA 18611 10139 GACANAAC C COANGAGA ACGUTUCCA 18611 10139 GACANAAC C COANGAGA 3305 UCCACUGG CUGANGAG GCCGULAGGC COAN TUTUCCCA 18611 10139 GACANAAC C CAGUGGAG 3305 UCCACUGG CUGANGAG GCCGULAGGC COAN TUTUCCCA 18611 10139 ACANAACC C AGUGGAGA 3306 UCCACUGG CUGANGAG GCCGULAGGC COAN TUTUCCCA 18611 10138 CANAACCC C AGUGGAGA 3307 UCUCCACU CUGANGAG GCCGULAGGC COAN TUTUCCCA 18611 10138 CANAACCC C AGUGGAGA 3308 UCUCCACCC CUGANGAG GCCGULAGGC COAN TUTUCCCA 18611 10138 CANAACCC C AGUGGAGA 3309 UCUCCACCC CUGANGAG GCCGULAGGC COAN TUTUCCA 18611 10138 CANAACCC C AGUGGAGA 3301 UCUCCACCC CUGANGAG GCCGULAGGC COAN TUTUCCA 18611 10138 CANAACCC C AGUGGAGA 3301 UCUCCACCC CUGANGAG GCCGULAGGC COAN TUTUCCA 18611 10138 CANAACCC C AGUGGAGA 3301 UCUCCACCC CUGANGAG GCCGULAGGC COAN TUTUCCACCC 18611 10138 CANACCC C AGUGGAGA CANACCC C					18606
10120 CAGAGGAC A UGUUSGAG 3301 CUCCACA CUGANIGAG GCCGUUAGGC CORA TUCCUCCA 18609 10138 UGUGGAC CUGAUGGAC COGAUGGAC COG	10110	UGGAUGAC A ACAGAGGA	3299	UCCUCUGU CUGAUGAG GCCGUUAGGC CGAA IUCAUCCA	18607
101212 COARGIGLO E GUEUTUGGA 3301 CUCCARCA CUGATUGG COAR TUCCUCTIO 18609 101121 UGGARAC C GUEUTUGG 3303 CCARACAC CUGATUGG COCATURAGE CORA TUCCUCCA 18611 10174 UGGARAC ARACCCCA 3304 UCCACACC CUGATUGG COCATURAGE COARTICOLOCA 18611 10179 GACARACAC COAGUGGA 3305 UCCACACCG CUGATUGGA GCCUTURAGE COARTICOLOCA 18611 10180 ACARAACC CAGUGGGA 3306 UCCACCUG CUGATUGGA GCCUTURAGE COARTICOLOCA 18613 10180 ACARAACC CAGUGGGA 3306 UCCACCUC CUGATUGGA GCCUTURAGE COARTICOLOCA 18613 10180 ACARAACC CAGUGGGA 3307 UCUCCACU CUGATUGGA GCCUTURAGE COARTICOLOCA 18615 10182 ARAACCC A GUGGAGAA 3308 UCUCCACCU CUGATUGGA GCCUTURAGE COARTICOLOCA 18615 10182 ARAACCC A GUGGAGAA 3308 UCUCCACCU CUGATUGGA GCCUTURAGE COARTICOLOCA 18616 10182 ARAACCCC A GUGGAGAA 3308 UCUCCACC CUGATUGGA GCCUTURAGE COARTICOLOCA 18616 10182 ARAACCCC A GUGGAGAA 3311 CUGATUGA CUGATUGGA GCCUTURAGE COARTICOLOCA 18617 10296 GACGUCCA CUATUCCA 3310 CUGATUGA CUGATUGA GCCUTURAGE COARTICOLOCA 18617 10296 GACGUCCA A UTURCAG 3311 CUGATUGA CUGATUGA GCCUTURAGE COARTICOLOCA 18618 10296 GACGUCCA A UTURCAG 3311 CUGATUGA CUGATUGA GCCUTURAGE COARTICOLOCA 18619 10224 GUGGACA CUGATUGGA 3311 CCCACACC CUGATUGA GCCUTURAGE COARTICOLOCA 18621 10224 GUGGACA CUGATUGGA 3311 CCCACACC CUGATUGA GCCUTURAGE COARTICOLOCA 18621 10244 GUGGACAC CUGATUGA CUGATUGA GCCUTURAGE COARTICOLOCA	10113	AUGACAAC A GAGGACAU	3300	AUGUCCUC CUGAUGAG GCCGUUAGGC CGAA IUUGUCAU	18608
10136	10120	CAGAGGAC A UGUIGGAG	3301		
101313					
10179 GACABARC A BARCOCCA 3304 UGGGGUU CUGAUGAG GCCGUUAGGC CGRA TUCUUCCA 18613 10189 ACABARC C CAGUUGAGA 3305 UCCACCUG CUGAUGAG GCCGUUAGGC CGRA TUCUUCCA 18613 10181 CARARACC C CAGUUGAGA 3306 CUCCACCUG CUGAUGAG GCCGUUAGGC CGRA TUCUUGU 18614 10181 CARARACCC C AGUUGAGA 3308 UCUCCACCU CUGAUGAG GCCGUUAGGC CGRA TUCUUGU 18614 10181 CARARACCC C AGUUGAGA 3308 UCUCCACCU CUGAUGAG GCCGUUAGGC CGRA TUCUUGU 18615 10182 ARARCCC C AGUUGAGA 3308 UCUCCACCU CUGAUGAG GCCGUUAGGC CGRA TUCUUGU 18615 10182 ARARCCC C AGUUGAGA 3309 UGAAUAUG CUGAUGAG GCCGUUAGGC CGRA TACGUCAC 18617 10185 GCCGUUAGGC CARAGAG CARAGAG					18610
10189	10138	UCUGGAAC C GUGUUUGG	3303	CCAAACAC CUGAUGAG GCCGUUAGGC CGAA IUUCCAGA	18611
10.181 CAAAACC C CAGUGGAG 3307 CUCCACUG CUUANUGAG GCGULAGGC CGAA IGUTUTUGU 18615	10174	UGGAAGAC A AAACCCCA	3304	UGGGGUUU CUGAUGAG GCCGUUAGGC CGAA IUCUUCCA	18612
10.181 CAAAACC C CAGUGGAG 3307 CUCCACUG CUUANUGAG GCGULAGGC CGAA IGUTUTUGU 18615	10179	GACAAAAC C CCAGUGGA	3305	UCCACUGG CUGAUGAG GCCGUUAGGC CGAA THIRTIGHC	18613
10181	10180	ACADANCE C CAGIIGGAG	3306		
10.1812					18614
10204					18615
10205	10182	AAAACCCC A GUGGAGAA	3308	UUCUCCAC CUGAUGAG GCCGUUAGGC CGAA IGGGUUUU	18616
10205	10204	GUGACGUC C CAUAUUCA	3309	UGAAUAUG CUGAUGAG GCCGUUAGGC CGAA IACGUCAC	18617
10206 GACGUCCC A UNUUCAGG 3311 CCUGANUA CUGAUGAG GCCGUUAGGC CGAA IGGAGGUC 18619 10212 CCANAUUC A GGAANACG 3312 CGUUUUCC CUGAUGAG GCCGUUAGGC CGAA IAAUAUGG 18620 10228 GAGAGGAC UCUGAUGGAG GACGUUAGGC CGAA IAAUAUGG 18621 10231 AGGACGUC UGGAUGAG GCCGUUAGGC CGAA IAAUAUGG 18621 10231 AGGACGUC UGGAUGAG GCCGUUAGGC CGAA IAUCUCCC 18621 10240 GGUGUGGC A GCCUGAUGG 3314 GCCACACC CUGAUGAG GCCGUUAGGC CGAA IAUCUCCC 18621 10240 GUGUGGCA CGCUUAGGC CGAA ICUGCCAC 18621 10240 GUGGGAGC C UGAUUGAG GCCGUUAGGC GGAA ICUGCCAC 18621 10244 UGGCAGCC UGAUUGAG GCCGUUAGGC GGAA ICUGCCAC 18621 10244 UGGCAGCC UGAUUGAGC GAAA ICUGCCAC 18624 10244 UGGCAGCC GAUGGCA 3317 UGCCAAUC CUGAUGAG GCCGUUAGGC GAAA ICUGCCAC 18624 10254 AUUGGCAC AGAGAGCC 3318 GCGUCUUG CUGAUGAG GCCGUUAGGC GAAA ICUGCCAC 18627 10254 AUUGGCAC AGAGAGCC 3319 CGGGCUCU CUGAUGAG GCCGUUAGGC GAAA ICUGCCAC 18627 10254 AUUGGCAC AGAGAGCC 3320 GUGGCUCU CUGAUGAG GCCGUUAGGC GAAA ICUCUUG 18627 10260 ACAAGAGC CGAGCCACG 3320 GUGGCUCU CUGAUGAG GCCGUUAGGC GAAA ICUCUUG 18629 10266 GCCCGAGCCAC 3320 GUGGCUCU CUGAUGAG GCCGUUAGGC GAAA ICUCUUG 18629 10266 GCCCGAGCC AGUGGGC 3322 GCCCACGU CUGAUGAG GCCGUUAGGC GAAA ICCUCUGG 18630 10267 CCCGAGCC AGUGGGC 3322 GCCCACGU CUGAUGAG GCCGUUAGGC GAAA ICCUCUGG 18630 10267 CCCGAGCC AGUGGGC 3322 GCCCACGU CUGAUGAG GCCGUUAGGC CGAA ICCUCGGC 18630 10267 CCCGAGCC AGUGGGC 3322 GCCCACGU CUGAUGAG GCCGUUAGGC GAAA ICCUCGGC 18630 10267 CCCGAGC AGAAAACAU 3324 AUUGUUUC CUGAUGAG GCCGUUAGGC CGAA ICCUCGGC 18630 10267 CCCGAGCC AGAAACAUC AGUGGGC 3325 AGCCUGGG CUGAUGAG GCCGUUAGGC CGAA ICCUCGGC 18630 10285 AAACAUC AGUGGGC 3328 AGUGUGGG CUGAUGAG GCCGUUAGGC CGAA ICCUCGG 18630 10285 AAACAUC AGUGGGC AGACCACC CUGAUGAG GCCGUUAGGC CGAA ICCUCGG 18630 10286 AAACAU	10205	UGACGUCC C AUAUTICAG	3310		1
10212 CCAUAUUC A GGAAAACG 3312 CGUUUUCC CUGAUGAG GCCGUUAGGC CGAA IAAUAUGG 18620 10228 GAGAGGAC A UCUGGUUGU 3313 ACACCAGA CUGAUGAG GCCGUUAGGC CGAA IAAUAUGG 18621 10231 AGGACAUC U GGUUGUGC 3314 GCCACACC CUGAUGAG GCCGUUAGGC CGAA IAUGUCUU 18621 10240 GGUGUGGC CGAAUCAGU 3315 AAUCAGCA CUGAUGAG GCCGUUAGGC CGAA IAUGUCUU 18621 10244 UGGCAGC CUGAUUGGC CGAA IAUGUCUU 18621 10244 UGGCAGC CUGAUUGGC CGAA IAUGUCUU 18621 10244 UGGCAGC CUGAUUGGC CGAA ICCACACC 18623 10244 UGGCAGC CUGAUUGGC CGAA ICCACACC 18623 10244 UGGCAGC CUGAUUGGC CGAA ICCACACC 18623 10254 AUUGGCAA CUGAUGAG GCCGUUAGGC CGAA ICCACACC 18625 10254 AUUGGCAC A AGAGCCC 3318 GGCUCUUG CUGAUGAG GCCGUUAGGC CGAA ICCACACC 18627 10254 AUUGGCAC A AGAGCCC 3320 GUGGCUCC CUGAUGAG GCCGUUAGGC CGAA ICCACAUCA 18627 10254 AUUGGCAC A AGAGCCC 3320 GUGGCUCC CUGAUGAG GCCGUUAGGC CGAA ICCCACUU 18629 10264 ACAAGAGC C CGAGCCAC 3321 CGUGGCUCC CUGAUGAG GCCGUUAGGC CGAA ICCUCUUG 18629 10265 CACAGCC C GAGCCACC 3322 GCCCACGU CUGAUGAG GCCGUUAGGC CGAA ICCUCUUG 18620 10266 CACAGCC C GAGCCACC 3322 GCCCACGU CUGAUGAG GCCGUUAGGC CGAA ICCUCUUG 18630 10267 CCCGAGCC A CGUGGGC 3323 UGCCCACG CUGAUGAG GCCGUUAGGC CGAA ICCUCUUG 18630 10267 CCCGAGCC A CGUGGGC 3323 UGCCCACG CUGAUGAG GCCGUUAGGC CGAA ICCCACGU 18631 10275 ACGUGGGC A GAAAACAU 3324 AUGUUUUC CUGAUGAG GCCGUUAGGC CGAA ICCCACGU 18631 10282 CAGAAAACA UCCAGCU 3325 ACCCUCGA CUGAUGAG GCCGUUAGGC CGAA ICCCACGU 18631 10282 CAGAAAACA UCCAGCU 3325 ACCCUCGA CUGAUGAG GCCGUUAGGC CGAA IAUGUUUU 18634 10286 AAACAUC A GGUGGCU 3326 AGCCUCUC CUGAUGAG GCCGUUAGGC CGAA IAUGUUUU 18634 10286 AAACAUC A GGUGGCU 3328 UGCCCACC CUGAUGAG GCCGUUAGGC CGAA IAUGUUU 18634 10286 AAACAUC A AGUCAGA 3333 CCCACGU CUGAUGAG GCCGUUAGGC CGAA IAUGUCU 18636 10299 CAGGUGGC A AGCCACCU CUGAUGAG GCCGUUAGGC CGAA IAUGUCC 18636 10299 CAGGUGGC A AGCCACG 3333 CCCACGU CUGAUGAG GCC					
10228	<u></u>				18619
10231	10212	CCAUAUUC A GGAAAACG	3312	CGUUUUCC CUGAUGAG GCCGUUAGGC CGAA IAAUAUGG	18620
10241 AGACAUC U GGUGIGGC 3314 GCCACC CUGAUGAG GCCGULAGGC CGAA LAUGUCCU 18622 10240 GGUGIGGC C UGAUGAGC 3315 AAUCAGGC CUGAUGAG GCCGULAGGC CGAA LAUGUCCU 18623 10243 UGGCAGC C UGAUGAGC CGAA LAUGUCCAC 18624 10244 UGGCAGCC U GAUGAGC 3317 UGCCAAUC CUGAUGAG GCCGULAGGC CGAA LAUGUCCAC 18624 10244 UGGCAGCC A AGAGAGCC 3318 GGCULUUG CUGAUGAG GCCGULAGGC CGAA LAUGUCCAC 18625 10252 UGAUUGGC A AGAGAGCC 3318 GGCULUUG CUGAUGAG GCCGULAGGC CGAA LAUGACCA 18626 10254 AUUGGCAC A AGAGACCC 3319 CGGGCUCU CUGAUGAG GCCGULAGGC CGAA LAUGACCAAUCA 18627 10260 ACAAGAGC C CGAGCCAG 3320 GUGGCUC CUGAUGAG GCCGULAGGC CGAA LAUGCCAAUCA 18628 10261 CAAGAGACC C GAGCCAG 3321 CGUCCCU CUGAUGAG GCCGULAGGC CGAA LAUCCUCUG 18629 10266 GCCCGAGC C AGGCCAG 3322 GCCCCACG CUGAUGAG GCCGULAGGC CGAA LAUCCUCUG 18629 10267 CCCGAGCC A AGAGCACC 3322 GCCCCACG CUGAUGAG GCCGULAGGC CGAA LAUCCUCUG 18631 10275 ACGUGGGC AGAAACAU 3324 AUGULUUC CUGAUGAG GCCGULAGGC CGAA LAUCCGGG 18631 10286 ACAAGACC A UCCAGGGC 3325 CACCUGGA CUGAUGAG GCCGULAGGC CGAA LAUCCGGG 18631 10285 AAACAUCC AGGUGGCU 3326 AGCCACCU CUGAUGAG GCCGULAGGC CGAA LAUCUCUG 18632 10285 AAACAUCC AGGUGGCU 3326 AGCCACCU CUGAUGAG GCCGULAGGC CGAA LAUGUUUL 18634 10286 AAACAUCC AGGUGGCU 3327 AUGCCACC CUGAUGAG GCCGULAGGC CGAA LAUGUUUL 18635 10287 UGGCUAUC AACCAAGUC 3328 UGGUUGAGU CUGAUGAG GCCGULAGGC CGAA LAUGUUL 18636 10287 UGGCUAUC AACCAAGUC 3328 UGGUUGAGU CUGAUGAG GCCGULAGGC CGAA LAUGUUL 18637 10293 CAGGUGGC AACCAAGUC 3328 UGGUUGAGU CUGAUGAG GCCGULAGGC CGAA LAUGUCUL 18637 10293 CAGGUGGC AACCAAGUC 3328 UGGUUGAGC CUGAUGAG GCCGULAGGC CGAA LAUGCCA 18637 10293 CAGGUGGC AACCAAGUC 3328 UGGUCGCU CUGAUGAG GCCGULAGGC CGAA LAUGCCA 18637 10293 CAGGUGGC AACCAAGUC 3328 UGGUCGCU CUGAUGAG GCCGULAGGC CGAA LAUGCCA 18637 10293 CAGGUGGC AACCAAGUC 3333 CUCUCGAG CUGAUGAG GCCGULAGGC CGAA LAUGCCA 18641	10228	GAGAGGAC A UCUGGUGU	3313	ACACCAGA CUGAUGAG GCCGUUAGGC CGAA IUCCUCUC	18621
10240	10231	AGGACAUC U GGUGUGGC	3314		
10243 GUGGCAGC C UGAUUGGC 3316 GCCAAUCA CUGAUGAG GCCGUUAGGC CGAA ICUGCCAC 18624 10244 UGGCAGCC U GAUUGGCA 3317 UGCCAAUC CUGAUGAG GCCGUUAGGC CGAA ICUGCCAC 18625 10252 UGAUUGGC A CAAGAGCC 3318 GGUCUUG CUGAUGAG GCCGUUAGGC CGAA ICUGCCAA 18625 10254 AUUGGCAC A AGAGCCCG 3319 CGGGCUCU CUGAUGAG GCCGUUAGGC CGAA ICUCACUA 18627 10260 ACAAGAGCC GAGCCACC 3320 GUGGCUC CUGAUGAG GCCGUUAGGC CGAA ICUCUCUU 18628 10261 CAAGAGCC GAGCCACG 3321 CGUGGCUC CUGAUGAG GCCGUUAGGC CGAA ICUCUGGG 18630 10266 GCCGAGC C AGGUGGGC 3322 GCCCACGU CUGAUGAG GCCGUUAGGC CGAA ICUCGGG 18630 10267 CCCGAGCC AGGUGGGC 3322 GCCCACGU CUGAUGAG GCCGUUAGGC CGAA ICUCGGG 18630 10267 ACGUGGGC AGAAACAU 3324 AUGUUUUC CUGAUGAG GCCGUUAGGC CGAA ICUCGGG 18631 10275 ACGUGGGC AGAAACAU 3324 AUGUUUUC CUGAUGAG GCCGUUAGGC CGAA ICUCGGG 18631 10282 CAGAAAAC UCCAGGUG 3325 ACCUGGG CUGAUGAG GCCGUUAGGC CGAA ICUCGGG 18631 10285 AAAACAUC AGGUGGCU 3325 AGCCACCU CUGAUGAG GCCGUUAGGC CGAA ICUCGGG 18631 10286 AAACAUC AGGUGGCU 3326 AGCCACCU CUGAUGAG GCCGUUAGGC CGAA ICUCUCUG 18632 10287 AAACAUC AGUGGCU 3328 UGGUCGGU CUGAUGAG GCCGUUAGGC CGAA ICAUCUCU 18636 10297 UGGCUAUC AGCCAACCA 3328 UGGUCGGU UGAUGAG GCCGUUAGGC CGAA ICAUGUUU 18636 10297 UGGCUAUC ACCAACCA 3328 UGGUCGGU CUGAUGAG GCCGUUAGGC CGAA ICAUCUCU 18636 10297 UGGCUAUC AACCAAGUC 3329 GACUUGGU CUGAUGAG GCCGUUAGGC CGAA ICAUCCUC 18636 10300 CUAUCAAC AAGCAAGU 3331 UCUGACUU CUGAUGAG GCCGUUAGGC CGAA ICAUCCUC 18637 10300 CUAUCAAC AAGCAAGU 3333 UCUCGACU CUGAUGAG GCCGUUAGGC CGAA ICAUCCUC 18637 10311 GUCAGAGC AUCAACAG 3331 CUCUGACU CUGAUGAG GCCGUUAGGC CGAA ICUUGAUA 18640 10312 GAGCAAC AUCAACAG 3333 AUCUCCC UGAUGAG GCCGUUAGGC CGAA ICUUGAUC 18640 10313 GAGCAACC AUCAACAG 3333 AUCUCCC UGAUGAG GCCGUUAGGC					
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10252		GUGGCAGC C UGAUUGGC	3316	GCCAAUCA CUGAUGAG GCCGUUAGGC CGAA ICUGCCAC	18624
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10254 AUUGGCAC A AGAGCCCG 3319 CGGGCUCU CUGAUGAG CCGAULAGGC CGAA ICUCCCAU 18627 10260 ACAAGAGC C CGAGCCAC 3320 GUGGCUCC CUGAUGAG GCCGUUAGGC CGAA ICUCUUGU 18629 10261 CAAGAGCC C GAGCCACG 3321 CGUGGCUC CUGAUGAG GCCGUUAGGC CGAA ICUCUUGU 18629 10266 GCCCGAGC C AGUGGGC 3322 GCCCACGU CUGAUGAG GCCGUUAGGC CGAA ICUCUGGGC 18630 10267 CCCGAGCC A GAGAACACU 3323 UGCCCACG CUGAUGAG GCCGUUAGGC CGAA ICUCGGGC 18631 10275 ACGUGGGC A GAAAACAU 3324 AUGUUUUC CUGAUGAG GCCGUUAGGC CGAA ICCCACGU 18632 10282 CAGAAACA A UCCAGGUG 3325 CACCUGGA CUGAUGAG GCCGUUAGGC CGAA ICCCACGU 18631 10285 AAAACAUC CAGGUGGCU 3326 AGCCACCU CUGAUGAG GCCGUUAGGC CGAA IUUUUCUG 18633 10285 AAAACAUC CAGGUGGCU 3327 UAGCCACC CUGAUGAG GCCGUUAGGC CGAA IUUUUCUG 18635 10293 CAGGUGGCU 3327 UAGCCACC CUGAUGAG GCCGUUAGGC CGAA IAUGUUU 18635 10293 CAGGUGGCU AUCAACCA 3328 UGGUUGAU CUGAUGAG GCCGUUAGGC CGAA IAUGUUU 18635 10293 CAGGUGGC U AUCAACCA 3329 GACUUGGU CUGAUGAG GCCGUUAGGC CGAA IAUGACCA 18637 10300 CUAUCAAC AAGUCAGG 3331 CUCUGACU CUGAUGAG GCCGUUAGGC CGAA IAUGACCA 18637 10300 CUAUCAAC CAGUCGAA 3331 CUCUGACU CUGAUGAG GCCGUUAGGC CGAA IAUGACCA 18637 10301 UAUCAACC AAGUCAGG 3331 CUCUGACU CUGAUGAG GCCGUUAGGC CGAA IAUGACCA 18637 10311 GUCAGAGC A AUCAUCGG 3332 GAUUGCC CUGAUGAG GCCGUUAGGC CGAA IAUGACU 18640 10311 GUCAGAGC A AUCAUCGG 3333 CUCUGACU CUGAUGAG GCCGUUAGGC CGAA IAUGACU 18640 10312 GAGCAAUC A UAGAGAG 3333 CUCUGACU CUGAUGAG GCCGUUAGGC CGAA IAUGCUC 18641 10352 GAGGUACA A UACAUCGG 3335 CUCUCUAC CUGAUGAG GCCGUUAGGC CGAA IAUGCUC 18642 10353 AUGAGUC A UAGAGAG 3335 CUCUCUAG GCCGUUAGGC CGAA IAUCGCU 18642 10354 AUGAGUC A UAGAGAG 3336 CUCUCUC CUGAUGAG GCCGUUAGGC CGAA IAUCGCU 18645 10355 AUGAGAGC A CACUUUG 3338 CACACUC CUGAUGAG	10252	UGAUUGGC A CAAGAGCC	3318	GGCUCUUG CUGAUGAG GCCGUUAGGC CGAA ICCAAUCA	
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10293	10286	AAACAUCC A GGUGGCUA	3327		
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10306 ACCAAGUC A GAGCAAUC 3332 GAUUGCUC CUGAUGAG GCCGUUAGGC CGAA IACUUGGU 18640	10301	UAUCAACC A AGUCAGAG	3331		├ ───┤
10311 GUCAGAGC A AUCAUCGG 3333 CCGAUGAU CUGAUGAG GCCGUUAGGC CGAA ICUCUGAC 18641 10315 GAGCAAUC A UCGGAGAU 3334 AUCUCCGA CUGAUGAG GCCGUUAGGC CGAA IAUUGCUC 18542 10342 UGGAUUAC A UGAGUUCA 3335 UGAACUCA CUGAUGAG GCCGUUAGGC CGAA IUAAUCCA 18643 10350 AUGAGUUC A CUAAAGAG 3336 CUCUUUAG CUGAUGAG GCCGUUAGGC CGAA IAACUCAU 18644 10352 GAGUUCAC U AAAGAGAU 3337 AUCUCUUU CUGAUGAG GCCGUUAGGC CGAA IUGAACUC 18645 10374 GAAGACAC A CAACUUUG 3338 CAAAGUUG CUGAUGAG CCGUUAGGC CGAA IUGUCUU 18646 10371 GAAGACAC A ACUUUGGU 3339 ACCAAAGU CUGAUGAG CCGUUAGGC CGAA IUGUCUC 18647 10374 GACACAAC U UUGGUUGA 3340 UCAACCAA CUGAUGAG CCGUUAGGC CGAA IUGUCUC 18649 10389 GAGGACAC A GUACUGA 3341 CACAGUACU CUGAUGAG CCCGUUAGGC CGAA IUGUCUC 18650 10499 AUUAAAGU <td>10306</td> <td></td> <td></td> <td></td> <td></td>	10306				
10315 GAGCAAUC A UCGGAGAU 3334 AUCUCCGA CUGAUGAG GCCGUUAGGC CGAA IAUUGCUC 18642 10342 UGGAUUAC A UGAGUUCA 3335 UGAACUCA CUGAUGAG GCCGUUAGGC CGAA IUAAUCCA 18643 10350 AUGAGUUC A CUAAAGAG 3336 CUCUUUAG CUGAUGAG GCCGUUAGGC CGAA IAACUCAU 18644 10352 GAGUUCAC U AAAGAGAU 3337 AUCUCUUU CUGAUGAG GCCGUUAGGC CGAA IUGAACUC 18645 10369 AUGAAGAC A CAACUUUG 3338 CAAAGUUG CUGAUGAG GCCGUUAGGC CGAA IUCUUCAU 18646 10371 GAAGACAC A CACUUUGU 3339 ACCAAAGU CUGAUGAG CCGAA IUUGUCUC 18647 10374 GACACAAC U UUGGUUGA 3340 UCAACCAA CUGAUGAG CCGUUAGGC CGAA IUUGUCUC 18649 10389 GAGGACAC A GUACUGUA 3342 UACAGUAC CUGAUGAG GCCGUUAGGC					
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10342 UGGAUUAC A UGAGUUCA 3335 UGAACUCA CUGAUGAG GCCGUUAGGC CGAA IUAAUCCA 18643 10350 AUGAGUUC A CUAAAGAG 3336 CUCUUUAG CUGAUGAG GCCGUUAGGC CGAA IAACUCAU 18644 10352 GAGUUCAC U AAAGAGAU 3337 AUCUCUUU CUGAUGAG GCCGUUAGGC CGAA IUGAACUC 18645 10369 AUGAAGAC A CAACUUUG 3338 CAAAGUUG CUGAUGAG GCCGUUAGGC CGAA IUCUUCAU 18646 10371 GAAGACAC A ACUUUGGU 3339 ACCAAAGU CUGAUGAG GCCGUUAGGC CGAA IUGUCUUC 18647 10374 GACACAAC U UUGGUUGA 3340 UCAACCAA CUGAUGAG GCCGUUAGGC CGAA IUUGUGUC 18648 10387 UUGAGGAC A CAGUACUG 3341 CAGUACUG CUGAUGAG GCCGUUAGGC CGAA IUCCUCAA 18649 10389 GAGGACAC A GUACUGUA 3342 UACAGUAC CUGAUGAG GCCGUUAGGC CGAA IUGUCCUC 18650 10394 CACAGUAC U GUAGAUAU 3343 AUAUCUAC CUGAUGAG GCCGUUAGGC CGAA IUUCUCU 18651 10409 AUUUAAUC A AUUGAAA 3344 UUUACAAU CUGAUGAG GCCGUUAGGC CGAA IAUUAAAU 18652 10423 AAAUAGAC A AUAUAAGU 3345 ACUUAUAU CUGAUGAG GCCGUUAGGC CGAA IACUUCU 18653 10	10315	GAGCAAUC A UCGGAGAU	3334	AUCUCCGA CUGAUGAG GCCGUUAGGC CGAA IAUUGCUC	18642
10350 AUGAGUUC A CUAAAGAG 3336 CUCUUUAG CUGAUGAG GCCGUUAGGC CGAA IAACUCAU 18644 10352 GAGUUCAC U AAAGAGAU 3337 AUCUCUUU CUGAUGAG GCCGUUAGGC CGAA IUGAACUC 18645 10369 AUGAAGAC A CAACUUUG 3338 CAAAGUUG CUGAUGAG GCCGUUAGGC CGAA IUCUUCAU 18646 10371 GAAGACAC A ACUUUGGU 3339 ACCAAAGU CUGAUGAG GCCGUUAGGC CGAA IUGUCUUC 18647 10374 GACACAAC U UUGGUUGA 3340 UCAACCAA CUGAUGAG GCCGUUAGGC CGAA IUUGUGUC 18648 10387 UUGAGGAC A CAGUACUG 3341 CAGUACUG CUGAUGAG GCCGUUAGGC CGAA IUCCUCAA 18649 10389 GAGGACAC A GUACUGU 3342 UACAGUAC CUGAUGAG GCCGUUAGGC CGAA IUCCUCAA 18649 10394 CACAGUAC U GUAGAUAU 3342 UACAGUAC CUGAUGAG GCCGUUAGGC CGAA IUGUCUC 18650 10409 AUUUAAUC A AUUGUAAA 3344 UUUACAAU CUGAUGAG GCCGUUAGGC CGAA IUACUGUG 18651 10409 AUUUAAUC A AUUAAGU 3345 ACUUAUAU CUGAUGAG GCCGUUAGGC CGAA IUCUAUUU 18652 10423 AAAUAGAC A AUAUAAGU 3346 CACUUUUA CUGAUGAG GCCGUUAGGC CGAA IUCUAUUU 18653 10436 AAGUAUGC A UAAAAGUG 3346 CACUUUUA CUGAUGAG GCCGUUAGGC CGAA IUCUAUUU 18653 10513 AGUCAGGC C GGGAAGUU 3348 ACUUCCC CUGAUGAG GCCGUUAGGC CGAA IACUUUCU 18655 10513 AGUCAGGC C GGGAAGUU 3348 AACUUCCC CUGAUGAG GCCGUUAGGC CGAA IACUUUCU 18656 10524 GAAGUUC C CGCCACCG 3349 CGGUGGC CUGAUGAG GCCGUUAGGC CGAA IACUUCC 18657 10524 GAAGUUC C CGCCACCG 3350 CCGGUGGC CUGAUGAG GCCGUUAGGC CGAA IAACUUCC 18658 10524 GAAGUUC C GCCACCG 3350 CCGGUGGC CUGAUGAG GCCGUUAGGC CGAA IAACUUCC 18658	10342	UGGAUUAC A UGAGUUCA	3335	UGAACUCA CUGAUGAG GCCGUUAGGC CGAA IUAAUCCA	
10352 GAGUUCAC U AAAGAGAU 3337 AUCUCUUU CUGAUGAG GCCGUUAGGC CGAA IUGAACUC 18645 10369 AUGAAGAC A CAACUUUG 3338 CAAAGUUG CUGAUGAG GCCGUUAGGC CGAA IUCUUCAU 18646 10371 GAAGACAC A ACUUUGGU 3339 ACCAAAGU CUGAUGAG GCCGUUAGGC CGAA IUGUCUUC 18647 10374 GACACAAC U UUGGUUGA 3340 UCAACCAA CUGAUGAG GCCGUUAGGC CGAA IUUGUGUC 18648 10387 UUGAGGAC A CAGUACUG 3341 CAGUACUG CUGAUGAG GCCGUUAGGC CGAA IUCCUCAA 18649 10389 GAGGACAC A GUACUGUA 3342 UACAGUAC CUGAUGAG GCCGUUAGGC CGAA IUCCUCAA 18649 10394 CACAGUAC U GUAGAUAU 3343 AUAUCUAC CUGAUGAG GCCGUUAGGC CGAA IUACUGUG 18650 10409 AUUUAAUC A AUUGUAAA 3344 UUUACAAU CUGAUGAG GCCGUUAGGC CGAA IUACUGUG 18651 10423 AAAUAGAC A AUAUAAGU 3345 ACUUAUAU CUGAUGAG GCCGUUAGGC CGAA IUCUAUUU 18653 10436 AAGUAUGC A UAAAAGUG 3346 CACUUUUA CUGAUGAG GCCGUUAGGC CGAA IUCUAUUU 18653 10509 AGAAAGUC A GGCCGGGA 3347 UCCCGGCC CUGAUGAG GCCGUUAGGC CGAA IACUUCU 18655 10513 AGUCAGGC C GGGAAGUU 3348 AACUUCCC CUGAUGAG GCCGUUAGGC CGAA IACUUCU 18656 10523 GGAAGUUC C CGCCACCG 3349 CGGUGGC CUGAUGAG GCCGUUAGGC CGAA IACUUCC 18657 10524 GAAGUUCC C GCCACCG 3349 CGGUGGC CUGAUGAG GCCGUUAGGC CGAA IAACUUCC 18657 10524 GAAGUUCC C GCCACCG 3350 CCGGUGGC CUGAUGAG GCCGUUAGGC CGAA IAACUUCC 18658 10527 GUUCCCGC C ACCGGAAG 3351 CUUCCGGU CUGAUGAG GCCGUUAGGC CGAA ICCGGAAC 18659	10350	AUGAGUUC A CUAAAGAG			
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10374 GACACAC U UUGGUUGA 3340 UCAACCAA CUGAUGAG GCCGUUAGGC CGAA IUUGUGUC 18648 10387 UUGAGGAC A CAGUACUG 3341 CAGUACUG CUGAUGAG GCCGUUAGGC CGAA IUCCUCAA 18649 10389 GAGGACAC A GUACUGUA 3342 UACAGUAC CUGAUGAG GCCGUUAGGC CGAA IUGUCCUC 18650 10394 CACAGUAC U GUAGAUAU 3343 AUAUCUAC CUGAUGAG GCCGUUAGGC CGAA IUACUGUG 18651 10409 AUUUAAUC A AUUGUAAA 3344 UUUACAAU CUGAUGAG GCCGUUAGGC CGAA IAUUAAAU 18652 10423 AAAUAGAC A AUAUAAGU 3345 ACUUAUAU CUGAUGAG GCCGUUAGGC CGAA IUCUAUUU 18653 10436 AAGUAUGC A UAAAAGUG 3346 CACUUUUA CUGAUGAG GCCGUUAGGC CGAA ICAUACUU 18654 10509 AGAAAGUC A GGCCGGGA 3347 UCCCGGCC CUGAUGAG GCCGUUAGGC CGAA IACUUCUU 18655 10513 AGUCAGGC C GGGAAGUU 3348 AACUUCCC CUGAUGAG GCCGUUAGGC CGAA IACUUCU 18656 10523 GGAAGUUC C CGCCACCG 3349 CGGUGGC CUGAUGAG GCCGUUAGGC CGAA IACUUCC 18657 10524 GAAGUUCC C GCCACCG 3350 CCGGUGGC CUGAUGAG GCCGUUAGGC CGAA IAACUUCC 18658	10371	GAAGACAC A ACUUUGGU	3339	ACCAAAGU CUGAUGAG GCCGUUAGGC CGAA IUGUCUUC	18647
10387 UUGAGGAC A CAGUACUG 3341 CAGUACUG CUGAUGAG GCCGUUAGGC CGAA IUCCUCAA 18649 10389 GAGGACAC A GUACUGUA 3342 UACAGUAC CUGAUGAG GCCGUUAGGC CGAA IUCCUCCA 18650 10394 CACAGUAC U GUAGAUAU 3343 AUAUCUAC CUGAUGAG GCCGUUAGGC CGAA IUACUGUG 18651 10409 AUUUAAUC A AUUGUAAA 3344 UUUACAAU CUGAUGAG GCCGUUAGGC CGAA IAUUAAAU 18652 10423 AAAUAGAC A AUAUAAGU 3345 ACUUAUAU CUGAUGAG GCCGUUAGGC CGAA IUCUAUUU 18653 10436 AAGUAUGC A UAAAAGUG 3346 CACUUUUA CUGAUGAG GCCGUUAGGC CGAA ICAUACUU 18654 10509 AGAAAGUC A GGCCGGGA 3347 UCCCGGCC CUGAUGAG GCCGUUAGGC CGAA IACUUUCU 18655 10513 AGUCAGGC C GGGAAGUU 3348 AACUUCCC CUGAUGAG GCCGUUAGGC CGAA ICCUGACU 18656 10523 GGAAGUUC C CGCCACCG 3349 CGGUGGC CUGAUGAG GCCGUUAGGC CGAA IAACUUCC 18657 10524 GAAGUUCC C GCCACCG 3350 CCGGUGGC CUGAUGAG GCCGUUAGGC CGAA IAACUUCC 18658	10374	GACACAAC U UUGGUUGA	3340		
10389 GAGGACAC A GUACUGUA 3342 UACAGUAC CUGAUGAG GCCGUUAGGC CGAA IUGUCCUC 18650 10394 CACAGUAC U GUAGAUAU 3343 AUAUCUAC CUGAUGAG GCCGUUAGGC CGAA IUACUGUG 18651 10409 AUUUAAUC A AUUGUAAA 3344 UUUACAAU CUGAUGAG GCCGUUAGGC CGAA IAUUAAAU 18652 10423 AAAUAGAC A AUAUAAGU 3345 ACUUAUAU CUGAUGAG GCCGUUAGGC CGAA IUCUAUUU 18653 10436 AAGUAUGC A UAAAAGUG 3346 CACUUUUA CUGAUGAG GCCGUUAGGC CGAA ICAUACUU 18654 10509 AGAAAGUC A GGCCGGGA 3347 UCCCGGCC CUGAUGAG GCCGUUAGGC CGAA IACUUUCU 18655 10513 AGUCAGGC C GGGAAGUU 3348 AACUUCCC CUGAUGAG GCCGUUAGGC CGAA ICCUGACU 18656 10523 GGAAGUUC C CGCCACCG 3349 CGGUGGC CUGAUGAG GCCGUUAGGC CGAA IAACUUCC 18657 10524 GAAGUUCC C GCCACCGG 3350 CCGGUGGC CUGAUGAG GCCGUUAGGC CGAA IAACUUCC 18658 10527 GUUCCCGC C ACCGGAAG 3351 CUUCCGGU CUGAUGAG GCCGUUAGGC CGAA ICGGGAAC 18659					
10394 CACAGUAC U GUAGAUAU 3343 AUAUCUAC CUGAUGAG GCCGUUAGGC CGAA IUACUGUG 18651 10409 AUUUAAUC A AUUGUAAA 3344 UUUACAAU CUGAUGAG GCCGUUAGGC CGAA IUAUAAAU 18652 10423 AAAUAGAC A AUAUAAGU 3345 ACUUAUAU CUGAUGAG GCCGUUAGGC CGAA IUCUAUUU 18653 10436 AAGUAUGC A UAAAAGUG 3346 CACUUUUA CUGAUGAG GCCGUUAGGC CGAA ICAUACUU 18654 10509 AGAAAGUC A GGCCGGGA 3347 UCCCGGCC CUGAUGAG GCCGUUAGGC CGAA IACUUUCU 18655 10513 AGUCAGGC C GGGAAGUU 3348 AACUUCCC CUGAUGAG GCCGUUAGGC CGAA ICCUGACU 18656 10523 GGAAGUUC C CGCCACCG 3349 CGGUGGC CUGAUGAG GCCGUUAGGC CGAA IAACUUCC 18657 10524 GAAGUUCC C GCCACCG 3350 CCGGUGGC CUGAUGAG GCCGUUAGGC CGAA IGAACUUC 18658					
10409 AUUUAAUC A AUUGUAAA 3344 UUUACAAU CUGAUGAG GCCGUUAGGC CGAA IAUUAAAU 18652 10423 AAAUAGAC A AUAUAAGU 3345 ACUUAUAU CUGAUGAG GCCGUUAGGC CGAA IUCUAUUU 18653 10436 AAGUAUGC A UAAAAGUG 3346 CACUUUUA CUGAUGAG GCCGUUAGGC CGAA ICCUAUUU 18654 10509 AGAAAGUC A GGCCGGGA 3347 UCCCGGCC CUGAUGAG GCCGUUAGGC CGAA IACUUUCU 18655 10513 AGUCAGGC C GGGAAGUU 3348 AACUUCCC CUGAUGAG GCCGUUAGGC CGAA ICCUGACU 18656 10523 GGAAGUUC C CGCCACCG 3349 CGGUGGC CUGAUGAG GCCGUUAGGC CGAA IAACUUCC 18657 10524 GAAGUUCC C GCCACCG 3350 CCGGUGGC CUGAUGAG GCCGUUAGGC CGAA IGAACUUC 18658 10527 GUUCCCGC C ACCGGAAG 3351 CUUCCGGU CUGAUGAG GCCGUUAGGC CGAA ICCGGAAC 18659	<u> </u>				18650
10409 AUUUAAUC A AUUGUAAA 3344 UUUACAAU CUGAUGAG GCCGUUAGGC CGAA IAUUAAAU 18652 10423 AAAUAGAC A AUAUAAGU 3345 ACUUAUAU CUGAUGAG GCCGUUAGGC CGAA IUCUAUUU 18653 10436 AAGUAUGC A UAAAAGUG 3346 CACUUUUA CUGAUGAG GCCGUUAGGC CGAA ICAUACUU 18654 10509 AGAAAGUC A GGCCGGGA 3347 UCCCGGCC CUGAUGAG GCCGUUAGGC CGAA IACUUUCU 18655 10513 AGUCAGGC C GGGAAGUU 3348 AACUUCCC CUGAUGAG GCCGUUAGGC CGAA ICCUGACU 18656 10523 GGAAGUUC C CGCCACCG 3349 CGGUGGC CUGAUGAG GCCGUUAGGC CGAA IAACUUCC 18657 10524 GAAGUUCC C GCCACCG 3350 CCGGUGGC CUGAUGAG GCCGUUAGGC CGAA IGAACUUC 18658 10527 GUUCCCGC C ACCGGAAG 3351 CUUCCGGU CUGAUGAG GCCGUUAGGC CGAA ICGGGAAC 18659		CACAGUAC U GUAGAUAU	3343	AUAUCUAC CUGAUGAG GCCGUUAGGC CGAA IUACUGUG	18651
10423 AAAUAGAC A AUAUAAGU 3345 ACUUAUAU CUGAUGAG GCCGUUAGGC CGAA IUCUAUUU 18653 10436 AAGUAUGC A UAAAAGUG 3346 CACUUUUA CUGAUGAG GCCGUUAGGC CGAA ICAUACUU 18654 10509 AGAAAGUC A GGCCGGGA 3347 UCCCGGCC CUGAUGAG GCCGUUAGGC CGAA IACUUUCU 18655 10513 AGUCAGGC C GGGAAGUU 3348 AACUUCCC CUGAUGAG GCCGUUAGGC CGAA ICCUGACU 18656 10523 GGAAGUUC C CGCCACCG 3349 CGGUGGC CUGAUGAG GCCGUUAGGC CGAA IAACUUCC 18657 10524 GAAGUUCC C GCCACCG 3350 CCGGUGGC CUGAUGAG GCCGUUAGGC CGAA IGAACUUC 18658 10527 GUUCCCGC C ACCGGAAG 3351 CUUCCGGU CUGAUGAG GCCGUUAGGC CGAA ICCGGAAC 18659	10409	AUUUAAUC A AUUGUAAA	3344		
10436 AAGUAUGC A UAAAAGUG 3346 CACUUUUA CUGAUGAG GCCGUUAGGC CGAA ICAUACUU 18654 10509 AGAAAGUC A GGCCGGGA 3347 UCCCGGCC CUGAUGAG GCCGUUAGGC CGAA IACUUUCU 18655 10513 AGUCAGGC C GGGAAGUU 3348 AACUUCCC CUGAUGAG GCCGUUAGGC CGAA ICCUGACU 18656 10523 GGAAGUUC C CGCCACCG 3349 CGGUGGC CUGAUGAG GCCGUUAGGC CGAA IAACUUCC 18657 10524 GAAGUUCC C GCCACCG 3350 CCGGUGGC CUGAUGAG GCCGUUAGGC CGAA IGAACUUC 18658 10527 GUUCCCGC C ACCGGAAG 3351 CUUCCGGU CUGAUGAG GCCGUUAGGC CGAA ICGGGAAC 18659	10423	AAAUAGAC A AUAUAAGU			
10509 AGAAAGUC A GGCCGGGA 3347 UCCCGGCC CUGAUGAG GCCGUUAGGC CGAA IACUUUCU 18655 10513 AGUCAGGC C GGGAAGUU 3348 AACUUCCC CUGAUGAG GCCGUUAGGC CGAA IACUUUCU 18656 10523 GGAAGUUC C CGCCACCG 3349 CGGUGGCG CUGAUGAG GCCGUUAGGC CGAA IAACUUCC 18657 10524 GAAGUUCC C GCCACCG 3350 CCGGUGGC CUGAUGAG GCCGUUAGGC CGAA IGAACUUC 18658 10525 GUUCCCGC C ACCGGAAG 3351 CUUCCGGU CUGAUGAG GCCGUUAGGC CGAA ICGGGAAC 18659					
10513 AGUCAGGC C GGGAAGUU 3348 AACUUCCC CUGAUGAG GCCGUUAGGC CGAA ICCUGACU 18656 10523 GGAAGUUC C CGCCACCG 3349 CGGUGGC CUGAUGAG GCCGUUAGGC CGAA IAACUUCC 18657 10524 GAAGUUCC C GCCACCGG 3350 CCGGUGGC CUGAUGAG GCCGUUAGGC CGAA IGAACUUC 18658 10527 GUUCCCGC C ACCGGAAG 3351 CUUCCGGU CUGAUGAG GCCGUUAGGC CGAA ICGGGAAC 18659					18654
10523 GGAAGUUC C CGCCACCG 3349 CGGUGGCG CUGAUGAG GCCGUUAGGC CGAA IAACUUCC 18657 10524 GAAGUUCC C GCCACCGG 3350 CCGGUGGC CUGAUGAG GCCGUUAGGC CGAA IGAACUUC 18658 10527 GUUCCCGC C ACCGGAAG 3351 CUUCCGGU CUGAUGAG GCCGUUAGGC CGAA ICGGGAAC 18659		· · · · · · · · · · · · · · · · · · ·	3347	UCCCGGCC CUGAUGAG GCCGUUAGGC CGAA IACUUUCU	18655
10523 GGAAGUUC C CGCCACCG 3349 CGGUGGCG CUGAUGAG GCCGUUAGGC CGAA IAACUUCC 18657 10524 GAAGUUCC C GCCACCGG 3350 CCGGUGGC CUGAUGAG GCCGUUAGGC CGAA IGAACUUC 18658 10527 GUUCCCGC C ACCGGAAG 3351 CUUCCGGU CUGAUGAG GCCGUUAGGC CGAA ICGGGAAC 18659	10513	AGUCAGGC C GGGAAGUU	3348	AACUUCCC CUGAUGAG GCCGUUAGGC CGAA ICCUGACU	18656
10524 GAAGUUCC C GCCACCGG 3350 CCGGUGGC CUGAUGAG GCCGUUAGGC CGAA IGAACUUC 18658 10527 GUUCCCGC C ACCGGAAG 3351 CUUCCGGU CUGAUGAG GCCGUUAGGC CGAA ICGGGAAC 18659	10523	GGAAGUUC C CGCCACCG	3349		
10527 GUUCCCGC C ACCGGAAG 3351 CUUCCGGU CUGAUGAG GCCGUUAGGC CGAA ICGGGAAC 18659					$\overline{}$
10528 INICCOCC A COCCANGIL 2252	$\overline{}$				
10528 UUUCCCGCC A CCGGAAGU 3352 ACUUCCGG CUGAUGAG GCCGUUAGGC CGAA IGCGGGAA 18660					18659
	10528	UUCCCGCC A CCGGAAGU	3352	ACUUCCGG CUGAUGAG GCCGUUAGGC CGAA IGCGGGAA	18660

Table IV

10530	CCCGCCAC C GGAAGUUG	3353	CAACUUCC CUGAUGAG GCCGUUAGGC CGAA IUGGCGGG	18661
10551	GACGGUGC U GCCUGCGA	3354	UCGCAGGC CUGAUGAG GCCGUUAGGC CGAA ICACCGUC	18662
10554	GGUGCUGC C UGCGACUC	3355	GAGUCGCA CUGAUGAG GCCGUUAGGC CGAA ICAGCACC	18663
·	GUGCUGCC U GCGACUCA	3356	UGAGUCGC CUGAUGAG GCCGUUAGGC CGAA IGCAGCAC	18664
10555		3357	UGGGGUUG CUGAUGAG GCCGUUAGGC CGAA IUCGCAGG	
10561	CCUGCGAC U CAACCCCA			18665
10563	UGCGACUC A ACCCCAGG	3358	CCUGGGGU CUGAUGAG GCCGUUAGGC CGAA IAGUCGCA	18666
10566	GACUCAAC C CCAGGAGG	3359	CCUCCUGG CUGAUGAG GCCGUUAGGC CGAA IUUGAGUC	18667
10567	ACUCAACC C CAGGAGGA	3360	UCCUCCUG CUGAUGAG GCCGUUAGGC CGAA IGUUGAGU	18668
10568	CUCAACCC C AGGAGGAC	3361	GUCCUCCU CUGAUGAG GCCGUUAGGC CGAA IGGUUGAG	18669
10569	UCAACCCC A GGAGGACU	3362	AGUCCUCC CUGAUGAG GCCGUUAGGC CGAA IGGGUUGA	18670
10577	AGGAGGAC U GGGUGAAC	3363	GUUCACCC CUGAUGAG GCCGUUAGGC CGAA IUCCUCCU	18671
10586	GGGUGAAC A AAGCCGCG	3364	CGCGGCUU CUGAUGAG GCCGUUAGGC CGAA IUUCACCC	18672
10591	AACAAAGC C GCGAAGUG	3365	CACUUCGC CUGAUGAG GCCGUUAGGC CGAA ICUUUGUU	18673
10603	AAGUGAUC C AUGUAAGC	3366	GCUUACAU CUGAUGAG GCCGUUAGGC CGAA IAUCACUU	18674
10604	AGUGAUCC A UGUAAGCC	3367	GGCUUACA CUGAUGAG GCCGUUAGGC CGAA IGAUCACU	18675
10612	AUGUAAGC C CUCAGAAC	3368	GUUCUGAG CUGAUGAG GCCGUUAGGC CGAA ICUUACAU	18676
10613	UGUAAGCC C UCAGAACC	3369	GGUUCUGA CUGAUGAG GCCGUUAGGC CGAA IGCUUACA	18677
10614	GUAAGCCC U CAGAACCG	3370	CGGUUCUG CUGAUGAG GCCGUUAGGC CGAA IGGCUUAC	18678
10616	AAGCCCUC A GAACCGUC	3371	GACGGUUC CUGAUGAG GCCGUUAGGC CGAA IAGGGCUU	18679
10621	CUCAGAAC C GUCUCGGA	3372	UCCGAGAC CUGAUGAG GCCGUUAGGC CGAA IUUCUGAG	18680
10625	GAACCGUC U CGGAAGGA	3372	UCCUUCCG CUGAUGAG GCCGUUAGGC CGAA IACGGUUC	18681
10638	AGGAGGAC C CCACAUGU	3374	ACAUGUGG CUGAUGAG GCCGUUAGGC CGAA IUCCUCCU	18682
10639	GGAGGACC C CACAUGUU	3375	AACAUGUG CUGAUGAG GCCGUUAGGC CGAA IGUCCUCC	18683
				
10640	GAGGACCC C ACAUGUUG	3376	CAACAUGU CUGAUGAG GCCGUUAGGC CGAA IGGUCCUC	18684
10641	AGGACCCC A CAUGUUGU	3377	ACAACAUG CUGAUGAG GCCGUUAGGC CGAA IGGGUCCU	18685
10643	GACCCCAC A UGUUGUAA	3378	UUACAACA CUGAUGAG GCCGUUAGGC CGAA IUGGGGUC	18686
10653	GUUGUAAC U UCAAAGCC	3379	GGCUUUGA CUGAUGAG GCCGUUAGGC CGAA IUUACAAC	18687
10656	GUAACUUC A AAGCCCAA	3380	UUGGGCUU CUGAUGAG GCCGUUAGGC CGAA IAAGUUAC	18688
10661	UUCAAAGC C CAAUGUCA	3381	UGACAUUG CUGAUGAG GCCGUUAGGC CGAA ICUUUGAA	18689
10662	UCAAAGCC C AAUGUCAG	3382	CUGACAUU CUGAUGAG GCCGUUAGGC CGAA IGCUUUGA	18690
10663	CAAAGCCC A AUGUCAGA	3383	UCUGACAU CUGAUGAG GCCGUUAGGC CGAA IGGCUUUG	18691
10669	CCAAUGUC A GACCACGC	3384	GCGUGGUC CUGAUGAG GCCGUUAGGC CGAA IACAUUGG	18692
10673	UGUCAGAC C ACGCUACG	3385	CGUAGCGU CUGAUGAG GCCGUUAGGC CGAA IUCUGACA	18693
10674	GUCAGACC A CGCUACGG	3386	CCGUAGCG CUGAUGAG GCCGUUAGGC CGAA IGUCUGAC	18694
10678	GACCACGC U ACGGCGUG	3387	CACGCCGU CUGAUGAG GCCGUUAGGC CGAA ICGUGGUC	18695
10688	CGGCGUGC U ACUCUGCG	3388	CGCAGAGU CUGAUGAG GCCGUUAGGC CGAA ICACGCCG	18696
10691	CGUGCUAC U CUGCGGAG	3389	CUCCGCAG CUGAUGAG GCCGUUAGGC CGAA IUAGCACG	18697
10693	UGCUACUC U GCGGAGAG	3390	CUCUCCGC CUGAUGAG GCCGUUAGGC CGAA IAGUAGCA	18698
10705	GAGAGUGC A GUCUGCGA	3391	UCGCAGAC CUGAUGAG GCCGUUAGGC CGAA ICACUCUC	18699
10709	GUGCAGUC U GCGAUAGU	3392	ACUAUCGC CUGAUGAG GCCGUUAGGC CGAA IACUGCAC	18700
10720	GAUAGUGC C CCAGGAGG	3393	CCUCCUGG CUGAUGAG GCCGUUAGGC CGAA ICACUAUC	18701
10721	AUAGUGCC C CAGGAGGA	3394	UCCUCCUG CUGAUGAG GCCGUUAGGC CGAA IGCACUAU	18702
10722	UAGUGCCC C AGGAGGAC	3395	GUCCUCCU CUGAUGAG GCCGUUAGGC CGAA IGGCACUA	18703
10723	AGUGCCCC A GGAGGACU	3396	AGUCCUCC CUGAUGAG GCCGUUAGGC CGAA 1GGGCACU	18704
10731	AGGAGGAC U GGGUUAAC	3397	GUUAACCC CUGAUGAG GCCGUUAGGC CGAA IUCCUCCU	18705
10740	GGGUUAAC A AAGGCAAA	3398	UUUGCCUU CUGAUGAG GCCGUUAGGC CGAA IUUAACCC	18706
10746	ACAAAGGC A AACCAACG	3399	CGUUGGUU CUGAUGAG GCCGUUAGGC CGAA ICCUUUGU	
10750		·		18707
\longrightarrow	AGGCAAAC C AACGCCCC	3400	GGGGCGUU CUGAUGAG GCCGUUAGGC CGAA IUUUGCCU	18708
10751	GGCAAACC A ACGCCCCA	3401	UGGGGCGU CUGAUGAG GCCGUUAGGC CGAA IGUUUGCC	18709
10756	ACCAACGC C CCACGCGG	3402	CCGCGUGG CUGAUGAG GCCGUUAGGC CGAA ICGUUGGU	18710
10757	CCAACGCC C CACGCGGC	3403	GCCGCGUG CUGAUGAG GCCGUUAGGC CGAA IGCGUUGG	18711
10758	CAACGCCC C ACGCGGCC	3404	GGCCGCGU CUGAUGAG GCCGUUAGGC CGAA IGGCGUUG	18712
10759	AACGCCCC A CGCGGCCC	3405	GGGCCGCG CUGAUGAG GCCGUUAGGC CGAA IGGGCGUU	18713
10766	CACGCGGC C CUAGCCCC	3406	GGGGCUAG CUGAUGAG GCCGUUAGGC CGAA ICCGCGUG	18714
10767	ACGCGGCC C UAGCCCCG	3407	CGGGGCUA CUGAUGAG GCCGUUAGGC CGAA IGCCGCGU	18715
10768	CGCGGCCC U AGCCCCGG	3408	CCGGGGCU CUGAUGAG GCCGUUAGGC CGAA IGGCCGCG	18716
10772	GCCCUAGC C CCGGUAAU	3409	AUUACCGG CUGAUGAG GCCGUUAGGC CGAA ICUAGGGC	18717
10773	CCCUAGCC C CGGUAAUG	3410	CAUUACCG CUGAUGAG GCCGUUAGGC CGAA IGCUAGGG	18718
10774	CCUAGCCC C GGUAAUGG	3411	CCAUUACC CUGAUGAG GCCGUUAGGC CGAA IGGCUAGG	18719
10790	GUGUUAAC C AGGGCGAA	3412	UUCGCCCU CUGAUGAG GCCGUUAGGC CGAA IUUAACAC	18720
10791	UGUUAACC A GGGCGAAA	3413	UUUCGCCC CUGAUGAG GCCGUUAGGC CGAA IGUUAACA	18721

Table IV

	THE COLOUTE ACTUAL TO A COLOUTED	2414	THE PROPERTY OF THE PROPERTY O	10700
10804	GAAAGGAC U AGAGGUUA	3414	UAACCUCU CUGAUGAG GCCGUUAGGC CGAA IUCCUUUC	18722
10821	GAGGAGAC C CCGCGGUU	3415	AACCGCGG CUGAUGAG GCCGUUAGGC CGAA IUCUCCUC	18723
10822	AGGAGACC C CGCGGUUU	3416	AAACCGCG CUGAUGAG GCCGUUAGGC CGAA IGUCUCCU	18724
10823	GGAGACCC C GCGGUUUA	3417	UAAACCGC CUGAUGAG GCCGUUAGGC CGAA IGGUCUCC	18725
10838	UAAAGUGC A CGGCCCAG	3418	CUGGGCCG CUGAUGAG GCCGUUAGGC CGAA ICACUUUA	18726
10843	UGCACGGC C CAGCCUGA	3419	UCAGGCUG CUGAUGAG GCCGUUAGGC CGAA ICCGUGCA	18727
10844	GCACGGCC C AGCCUGAC	3420	GUCAGGCU CUGAUGAG GCCGUUAGGC CGAA IGCCGUGC	18728
10845	CACGGCCC A GCCUGACU	3421	AGUCAGGC CUGAUGAG GCCGUUAGGC CGAA IGGCCGUG	18729
10848	GGCCCAGC C UGACUGAA	3422	UUCAGUCA CUGAUGAG GCCGUUAGGC CGAA ICUGGGCC	18730
10849	GCCCAGCC U GACUGAAG	3423	CUUCAGUC CUGAUGAG GCCGUUAGGC CGAA IGCUGGGC	18731
10853	AGCCUGAC U GAAGCUGU	3424	ACAGCUUC CUGAUGAG GCCGUUAGGC CGAA IUCAGGCU	18732
10859	ACUGAAGC U GUAGGUCA	3425	UGACCUAC CUGAUGAG GCCGUUAGGC CGAA ICUUCAGU	18733
10867	UGUAGGUC A GGGGAAGG	3426	CCUUCCCC CUGAUGAG GCCGUUAGGC CGAA IACCUACA	18734
10878	GGAAGGAC U AGAGGUUA	3427	UAACCUCU CUGAUGAG GCCGUUAGGC CGAA IUCCUUCC	18735
10895	GUGGAGAC C CCGUGCCA	3428	UGGCACGG CUGAUGAG GCCGUUAGGC CGAA IUCUCCAC	18736
10896	UGGAGACC C CGUGCCAC	3429	GUGGCACG CUGAUGAG GCCGUUAGGC CGAA IGUCUCCA	18737
10897	GGAGACCC C GUGCCACA	3430	UGUGGCAC CUGAUGAG GCCGUUAGGC CGAA IGGUCUCC	18738
10902	CCCCGUGC C ACAAAACA	3431	UGUUUUGU CUGAUGAG GCCGUUAGGC CGAA ICACGGGG	18739
10903	CCCGUGCC A CAAAACAC	3432	GUGUUUUG CUGAUGAG GCCGUUAGGC CGAA IGCACGGG	18740
10905	CGUGCCAC A AAACACCA	3433	UGGUGUUU CUGAUGAG GCCGUUAGGC CGAA IUGGCACG	18741
10910	CACAAAAC A CCACAACA	3434	UGUUGUGG CUGAUGAG GCCGUUAGGC CGAA IUUUUGUG	18742
10912	CAAAACAC C ACAACAAA	3435	UUUGUUGU CUGAUGAG GCCGUUAGGC CGAA IUGUUUUG	18743
10913	AAAACACC A CAACAAAA	3436	UUUUGUUG CUGAUGAG GCCGUUAGGC CGAA IGUGUUUU	18744
10915	AACACCAC A ACAAAACA	3437	UGUUUUGU CUGAUGAG GCCGUUAGGC CGAA IUGGUGUU	18745
10918	ACCACAAC A AAACAGCA	3438	UGCUGUUU CUGAUGAG GCCGUUAGGC CGAA IUUGUGGU	18746
10923	AACAAAAC A GCAUAUUG	3439	CAAUAUGC CUGAUGAG GCCGUUAGGC CGAA IUUUUGUU	18747
10926	AAAACAGC A UAUUGACA	3440	UGUCAAUA CUGAUGAG GCCGUUAGGC CGAA ICUGUUUU	18748
10928	AUAUUGAC A CCUGGGAU	3441	AUCCCAGG CUGAUGAG GCCGUUAGGC CGAA IUCAAUAU	18749
10934	AUUGACAC C UGGGAUAG	3442	CUAUCCCA CUGAUGAG GCCGUUAGGC CGAA IUGUCAAU	18750
10937	UUGACACC U GGGAUAGA	3443	UCUAUCCC CUGAUGAG GCCGUUAGGC CGAA IGUGUCAA	18751
10937	GGAUAGAC U AGGAGAUC	3444	GAUCUCCU CUGAUGAG GCCGUUAGGC CGAA IUCUAUCC	18752
10956	AGGAGAUC U UCUGCUCU	3445		18753
10959	AGAUCUUC U GCUCUGCA	3446	UGCAGAGC CUGAUGAG GCCGUUAGGC CGAA IAAGAUCU	18754
10962	UCUUCUGC U CUGCACAA	3447	UUGUGCAG CUGAUGAG GCCGUUAGGC CGAA ICAGAAGA	18755
10964	UUCUGCUC U GCACAACC	3448	GGUUGUGC CUGAUGAG GCCGUUAGGC CGAA IAGCAGAA	18756
10967	UGCUCUGC A CAACCAGC	3449	GCUGGUUG CUGAUGAG GCCGUUAGGC CGAA ICAGAGCA	18757
10969	CUCUGCAC A ACCAGCCA	3450	UGGCUGGU CUGAUGAG GCCGUUAGGC CGAA IUGCAGAG	18758
10972	UGCACAAC C AGCCACAC	3451	GUGUGGCU CUGAUGAG GCCGUUAGGC CGAA IUUGUGCA	18759
10973	GCACAACC A GCCACACG	3452	CGUGUGGC CUGAUGAG GCCGUUAGGC CGAA IGUUGUGC	18760
10976	CAACCAGC C ACACGGCA	3453	UGCCGUGU CUGAUGAG GCCGUUAGGC CGAA ICUGGUUG	18761
10977	AACCAGCC A CACGGCAC	3454	GUGCCGUG CUGAUGAG GCCGUUAGGC CGAA IGCUGGUU	18762
10979	CCAGCCAC A CGGCACAG	3455	CUGUGCCG CUGAUGAG GCCGUUAGGC CGAA IUGGCUGG	18763
10984	CACACGGC A CAGUGCGC	3456	GCGCACUG CUGAUGAG GCCGUUAGGC CGAA ICCGUGUG	18764
10986	CACGGCAC A GUGCGCCG	3457	CGGCGCAC CUGAUGAG GCCGUUAGGC CGAA IUGCCGUG	18765
10993	CAGUGCGC C GACAAUGG	3458	CCAUUGUC CUGAUGAG GCCGUUAGGC CGAA ICGCACUG	18766
10997	GCGCCGAC A AUGGUGGC	3459	GCCACCAU CUGAUGAG GCCGUUAGGC CGAA IUCGGCGC	18767
11006	AUGGUGGC U GGUGGUGC	3460	GCACCACC CUGAUGAG GCCGUUAGGC CGAA ICCACCAU	18768
11021	GCGAGAAC A. CAGGAUCU	3461	AGAUCCUG CUGAUGAG GCCGUUAGGC CGAA IUUCUCGC	18769
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Input Sequence = AF196835. Cut Site = CH/.

Arm Length = 8. Core Sequence = CUGAUGAG X CGAA (X = GCCGUUAGGC or other stem II)

AF196835 West Nile virus strain NY99-flamingo382-99, complete genome

Table V: WNV Zinzyme and Target Sequence

Table V

Pos	Substrate	Seq ID	Ribozyme	Rz Seg ID
6	AGUAGUUC G CCUGUGUG	3462	CACACAGG GCCGAAAGGCGAGUGAGGUCU GAACUACU	18770
13	GUUCGCCU G. UGUGAGCU	3463	AGCUCACA GCCGAAAGGCGAGGUGAGGUCU AGGCGAAC	18771
15	UCGCCUGU G UGAGCUGA	3464	UCAGCUCA GCCGAAAGGCGAGUGAGGUCU ACAGGCGA	18772
1.9	CUGUGUGA G CUGACAAA	3465	UUUGUCAG GCCGAAAGGCGAGUGUGU UCACACAG	18773
32	CAAACUUA G UAGUGUUU	3466	AAACACUA GCCGAAAGGCGAGUGAGGUCU UAAGUUUG	18774
35	ACTUAGUA G UGUTUGUG	3467	CACAAACA GCCGAAAGGCGAGUGAGGUCU UACUAAGU	18775
37	UDAGUAGU G UUUGUGAG	3468	CUCACAAA GCCGAAAGGCGAGUGAGGUCU ACUACUAA	18776
41	O	3469	AAUCCUCA GCCGAAAGGCGAGUGAGGUCU AAACACUA	18777
99	UVAACACA G UGCGAGCU	3470	AGCUCGCA GCCGAAAGGCGAGGUGU UGUGUUAA	18778
69	AACACAGU G CGAGCUGU	3471	ACAGCUCG GCCGAAAGGCGAGUGAGGUCU ACUGUGUU	18779
72	CAGUGCGA G CUGUUUCU	3472	AGAAACAG GCCGAAAGGCGAGUGAGGUCU UCGCACUG	18780
75	UGCGAGCU G UUUCUUAG	3473	CUAAGAAA GCCGAAGGCGAGUGAGGUCU AGCUCGCA	18781
83	GUUUCUUA G CACGAAGA	3474	ucuncena accearagecarguargeucu uragrarc	18782
66	AUCUCGAU G UCUAAGAA	3475	UUCUUAGA GCCGAAAGGCGAGUGAGGUCU AUCGAGAU	18783
117	CCAGGAGG G CCCGGCAA	3476	UUGCCGGG GCCGAAAGGCGAGUGAGGUCU CCUCCUGG	18784
122	AGGGCCCG G CAAGAGCC	3477	GGCUCUUG GCCGAAAGGCGAGUGAGGUCU CGGGCCCU	18785
128	CGGCAAGA G CCGGGCUG	3478	CAGCCCGG GCCGAAAGGCGAGGUCU UCUUGCCG	18786
133	AGAGCCGG G CUGUCAAU	3479	AUJGACAG GCCGAAAGGCGAGUGAGGUCU CCGGCUCU	18787
136	GCCGGGCU G UCAAUAUG	3480	CAUADUGA GCCGAAAGGCGAGUGAGGUCU AGCCCGGC	18788
144	GUCAAUAU G CUAAAACG	.3481	CGUUUUAG GCCGAAAGGCGAGUGAGGUCU AUAUUGAC	18789
152	GCUAAAAC G CGGAAUGC	3482	GCAUUCCG GCCGAAAGGCGAGUGAGGUCU GUUUUAGC	18790
159	CGCGGAAU G CCCCGCGU	3483	ACGCGGGG GCCGAAAGGCCGAGUGAGGUCU AUUCCGCG	18791
164	AAUGCCCC G CGUGUUGU	3484	ACAACACG GCCGAAAGGCGAGUGAGGUCU GGGGCAUU	18792
166	naccccac a namancc	3485	GGACAACA GCCGAAAGGCGAGUGAGGUCU GCGGGGCA	18793
168	cccecen e mencam	3486	AAGGACAA GCCGAAAGGCGAGUGAGGUCU ACGCGGGG	18794
171	ceceueuu e uccuueau	3487	AUCAAGGA GCCGAAAGGCGAGUGAGGUCU AACACGCG	18795
193	UGAAGAGG G CUAUGUUG	3488	CAACAUAG GCCGAAAGGCGAGUGAGGUCU CCUCUUCA	18796
198	o.	3489	AGGCUCAA GCCGAAAGGCGAGUGAGGUCU AUAGCCCU	18797
203		3490	CGAUCAGG GCCGAAAGGCGAGUGAGGUCU UCAACAUA	18798
215	GAUCGACG G CAAGGGGC	3491	GCCCCUUG GCCGAAAGGCGAGGUCU CGUCGAUC	18799
222	GGCAAGGG G CCAAUACG	3492	CGUATUGG GCCGAAAGGCGAGUGAGGUCU CCCUUGCC	18800
235	DACGADUU G UGUUGGCU	3493	AGCCAACA GCCGAAAGGCGAGUGAGGUCU AAAUCGUA	18801
237	CGAUTUGU G UUGGCUCU	3494	AGAGCCAA GCCGAAAGGCGAGUGAGGUCU ACAAAUCG	18802
241	unadanda a cucucuna	3495	CAAGAGAG GCCGAAAGGCGAGGUGU CAACACAA	18803
250	cucucune e cenucunc	3496	GAAGAACG GCCGAAAGGCGAGGUCU CAAGAGAG	18804
252	CUCUUGGC G UUCUUCAG	3497	CUGAAGAA GCCGAAGCCGAGUGAGGUCU GCCAAGAG	18805

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261	UUCUUCAG G UUCACAGC	3498	GCUGUGAA GCCGAAAGGCGAGUGAGGUCU CUGAAGAA	18806
268	GGUUCACA G CAAUUGCU	3499	AGCAAUUG GCCGAAAGGCGAGUGAGGUCU UGUGAACC	18807
274	CAGCAAUU G CUCCGACC	3500	GGUCGGAG GCCGAAAGGCGAGUGAGGUCU AAUUGCUG	18808
286	CGACCCGA G CAGUGCUG	3501	CAGCACUG GCCGAAAGGCGAGUGAGGUCU UCGGGUCG	18809
289	CCCGAGCA G UGCUGGAU	3502	AUCCAGCA GCCGAAAGGCGAGUGAGGUCU UGCUCGGG	18810
291	CGAGCAGU G CUGGAUCG	3503	CGAUCCAG GCCGAAAGGCGAGUGAGGUCU ACUGCUCG	18811
308	AUGGAGAG G UGUGAACA	3504	UGUUCACA GCCGAAAGGCGAGUGAGGUCU CUCUCCAU	18812
310	GGAGAGGU G UGAACAAA	3505	UUUGUUCA GCCGAAAGGCGAGUGAGGUCU ACCUCUCC	18813
325	AACAAACA G CGAUGAAA	3506	UUUCAUCG GCCGAAAGGCGAGUGAGGUCU UGUUUGUU	18814
344	CCUUCUGA G UUUUAAGA	3507	UCUVAAAA GCCGAAAGGCGAGUGAGGUCU UCAGAAGG	18815
374	CUUGACCA G UGCUAUCA	3508	UGAUAGCA GCCGAAAGGCGAGUGAGGUCU UGGUCAAG	18816
376	UGACCAGU G CUAUCAAU	3509	AUJGAUAG GCCGAAAGGCGAGUGAGGUCU ACUGGUCA	18817
387	AUCAAUCG G CGGAGCUC	3510	GAGCUCCG GCCGAAAGGCGAGUGAGGUCU CGAUUGAU	18818
392	UCGGCGGA G CUCAAAAC	3511	GUUUUGAG GCCGAAAGGCGAGUGAGGUCU UCCGCCGA	18819
430	CCGGAAUU G CAGUCAUG	3512	CAUGACUG GCCGAAAGGCGAGUGAGGUCU AAUUCCGG	18820
433	GAAUUGCA G UCAUGAUU	3513	AAUCAUGA GCCGAAAGGCGAGUGAGGUCU UGCAAUUC	18821
443	CAUGAUUG G CCUGAUCG	3514	CGAUCAGG GCCGAAAGGCGAGUGAGGUCU CAAUCAUG	18822
451	GCCUGAUC G CCAGCGUA	3515	UACGCUGG GCCGAAAGGCGAGUGAGGUCU GAUCAGGC	18823
455	GAUCGCCA G CGUAGGAG	3516	CUCCUACG GCCGAAAGGCGAGGGGCCU UGGCGAUC	18824
457	UCGCCAGC G UAGGAGCA	3517	UGCUCCUA GCCGAAAGGCGAGUGAGGUCU GCUGGCGA	18825
463		3518	GGUAACUG GCCGAAAGGCGAGUGAGGUCU UCCUACGC	18826
466	UAGGAGCA G UUACCCUC	3519	GAGGGUAA GCCGAAAGGCGAGUGAGGUCU UGCUCCUA	18827
493	AAGGGAAG G UGAUGAUG	3520		18828
505	UGAUGACG G UAAAUGCU	3521	AGCAUUUA GCCGAAAGGCGAGUGAGGUCU CGUCAUCA	18829
511	CGGUAAAU G CUACUGAC	3522	GUCAGUAG GCCGAAAGGCGAGUGAGGUCU AUUUACCG	18830
520	CUACUGAC G UCACAGAU	3523	AUCUGUGA GCCGAAAGGCGAGUGAGGUCU GUCAGUAG	18831
529	UCACAGAU G UCAUCACG	3524	CGUGAUGA GCCGAAAGGCGAGGGGCUCU AUCUGUGA	18832
547	O	3525	UCCAGCAG GCCGAAAGGCGAGGUCU UGUUGGAA	18833
550	ט	3526	CUTUCCAG GCCGAAAGGCGAGUGAGGUCU AGCUGUUG	18834
995	O	3527	UGACAAUG GCCGAAAGGCGAGUGAGGUCU AUAGGUUC	18835
571	b	3528	UGCUCUGA GCCGAAAGGCGAGUGAGGUCU AAUGCAUA	18836
577	UUGUCAGA G CAAUGGAU	3529	AUCCAUUG GCCGAAAGGCGAGUGAGGUCU UCUGACAA	18837
586	CAAUGGAU G UGGGAUAC	3530	GUAUCCCA GCCGAAAGGCGAGUGAGGUCU AUCCAUUG	18838
597	GGAUACAU G UGCGAUGA	3531	UCAUCGCA GCCGAAAGGCGAGUGAGGUCU AUGUAUCC	18839
599	AUACAUGU G CGAUGAUA	3532	UAUCAUCG GCCGAAAGGCGAGUGAGGUCU ACAUGUAU	18840
623	D	3533	GCACUGGG GCCGAAGGCGAGUGAGGUCU AUUCAUAA	18841
628	0	3534	CGACAGCA GCCGAAAGGCGAGGGGCUCU UGGGCAUU	18842
630	UGCCCAGU G CUGUCGGC	3535	GCCGACAG GCCGAAAGGCGAGGGGUCU ACUGGGCA	18843
633	CCAGUGCU G UCGGCUGG	3536	CCAGCCGA GCCGAAAGGCGAGUGAGGUCU AGCACUGG	18844
637	UGCUGUCG G CUGGUAAU	3537	AUUACCAG GCCGAAAGGCGAGUGAGGUCU CGACAGCA	18845

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641	GUCGGCUG G UPAUGAIIC	3538	CALICALITIA GOOGLA BAGGOGA GINGA CALICAL CAGGOGA CALICALITY	18846
999	CAUCGACU G UUGGUGCA	3539	UGCACCAA GCCGAAAGCGAGUGAGGUCU AGUCGAUG	18847
699	GACUGUUG G UGCACAAA	3540	UUUGUGCA GCCGAAAGGCGAGUGAGGUCU CAACAGUC	18848
671	CUGUUGGU G CACAAAGU	3541	ACUUUGUG GCCGAAAGGCGAGUGAGGUCU ACCAACAG	18849
678	UGCACAAA G UCAGCAGU	3542	ACUGCUGA GCCGAAAGGCGAGUGAGGUCU UUUGUGCA	18850
682	CAAAGUCA G CAGUCUAC	3543	GUAGACUG GCCGAAAGGCGAGUGAGGUCU UGACUUUG	18851
685	AGUCAGCA G UCUACGUC	3544	GACGUAGA GCCGAAAGGCGAGUGAGGUCU UGCUGACU	18852
691	CAGUCUAC G UCAGGUAU	3545	AUACCUGA GCCGAAAGGCGAGUGAGGUCU GUAGACUG	18853
969	UACGUCAG G UAUGGAAG	3546	CUUCCAUA GCCGAAAGGCGAGUGAGGUCU CUGACGUA	18854
707	UGGAAGAU G CACCAAGA	3547	UCUUGGUG GCCGAAGGCGAGUGAGGUCU AUCUUCCA	18855
719	CAAGACAC G CCACUCAA	3548	UUGAGUGG GCCGAAAGGCGAGUGAGGUCU GUGUCUUG	18856
731	CUCAAGAC G CAGUCGGA	3549	UCCGACUG GCCGAAAGGCGAGUGAGGUCU GUCUUGAG	18857
734	AAGACGCA G UCGGAGGU	3550	ACCUCCGA GCCGAAAGGCGAGUGAGGUCU UGCGUCUU	18858
741	AGUCGGAG G UCACUGAC	3551	GUCAGUGA GCCGAAAGGCGAGUGAGGUCU CUCCGACU	18859
751	CACUGACA G UGCAGACA	3552	UGUCUGCA GCCGAAAGGCGAGUGAGGUCU UGUCAGUG	18860
753	ტ	3553	UGUGUCUG GCCGAAAGGCGAGUGAGGUCU ACUGUCAG	18861
770	CGGAGAAA G CACUCUAG	3554	CUAGAGUG GCCGAAAGGCGAGUGAGGUCU UUUCUCCG	18862
778	GCACUCUA G CGAACAAG	3555	CUUGUUCG GCCGAAAGGCGAGUGAGGUCU UAGAGUGC	18863
793	AGAAGGGG G CUUGGAUG	3556	CAUCCAAG GCCGAAAGGCGAGUGAGGUCU CCCCUUCU	18864
908	GAUGGACA G CACCAAGG	3557	CCUUGGUG GCCGAAGGCGAGUGAGGUCU UGUCCAUC	18865
814	GCACCAAG G CCACAAGG	3558	CCUUGUGG GCCGAAAGGCGAGUGAGGUCU CUUGGUGC	18866
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829	G	3560	UGUUUUUA GCCGAAAGGCGAGUGAGGUCU CAAAUACC	18868
868	IJ	3561	CACCAGGG GCCGAAGGCGAGGGGGUCU AUAUCCAG	18869
874	Ö	3562	GGCUGCCA GCCGAAGGCGAGUGAGGUCU CAGGGCAU	18870
877	O	3563	GACGGCUG GCCGAAGGCGAGUGAGGUCU CACCAGGG	18871
880	ט	3564	AAUGACGG GCCGAAAGGCGAGUGAGGUCU UGCCACCA	18872
883		3565	ACCAAUGA GCCGAAGCCGAGUGAGGUCU GGCUGCCA	18873
890	σĮ	3566	GCAUCCAA GCCGAAAGGCGAGUGAGGUCU CAAUGACG	18874
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936	UUUGUCGU G CUAUUGCU	3575	AGCAAUAG GCCGAAAGGCGAGUGUGUCU ACGACAAA	18883
942	guecuatu e cunuuegu	3576	ACCAAAAG GCCGAAAGGCGAGUGAGGUCU AAUAGCAC	18884
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974	CUUCAACU G CCUUGGAA	3581	UUCCAAGG GCCGAAAGGCGAGUGAGGUCU AGUUGAAG	18889
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1126	UCAACCUG G CAGAGGUC	3597	GACCUCUG GCCGAAAGGCGAGUGAGGUCU CAGGUUGA	18905
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1159	UGGCUACC G UCAGCGAU	3603	AUCGCUGA GCCGAAAGGCGAGUGAGGUCU GGUAGCCA	18911
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1255	AAGGAGUG G UGGACAGG	3617	CCUGUCCA GCCGAAAGGCGAGGGGUCU CACUCCUU	18925

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	G CAGGGAGA	3638		18946
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ccueceec e	G CCUUCAUA	3642	UAUGAAGG GCCGAAAGGCGAGUGAGGUCU GCCGCAGG	18950
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cedeague e uncausea	UUCAUGGA	3655	UCCAUGAA GCCGAAAGGCGAGUGAGGUCU CACUCACG	18963
CCCUUGGA G	cccuuesa e casuscus	3656	CAGCACUG GCCGAAAGGCGAGUGAGGUCU UCCAAGGG	18964
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2980	UCCUGAAG G UCAGAGAG	3817	CUCUCUGA GCCGAAAGGCGAGUGAGGUCU CUUCAGGA	19125

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UVUGGAACG G CUGUCAAG 3820 GAACGGCU G UCAAGAAC 3821 ACAACUUG G CGAUCCAC 3823 AGUGACCU G UCAAGAAC 3824 AGUGACCU G UCAAUGA 3824 GAAUGAAA G CAGGCUCA 3826 GAAAGCAG G CUCAAUGA 3827 AAUGAAAG G CUCAAUGA 3828 AAUGAAAG G CUUGAAAG 3829 AAUGAAAGG G CUUGAAAG 3831 UUGAAAAGG G CUUGAAAUCA 3833 UUGAAAACAG 3833 UCAUGUAG G UGAAGUCA 3833 UCAUGUAG G UGACCUGA 3833 UCAUGUAC G UGACCUGA 3833 UCAUGUAC G UGACCUGA 3833 CCUUGAGAC G COUGAGAC 3833 CCUUGAGAC G COUGAGAC 3843 CCUUGAGAC G CAUCCCUG 3843 ACCACCGAA G CAUCCACAG 3645 ACACCCGAA 3646 AAACCAGG G CCCAUGAG 3845 AAACCAGG G CCCAUGAG 3846 AAACCAGG G CCCAUGAG 3846 AAACCAGG G CCCAUGAG 3846 AAACCAGGA G CCCAUGAG 360 CACC	3005	AACUGAAU G UGACUCGA	3819	UCGAGUCA GCCGAAAGGCGAGUGAGGUCU AUUCAGUU	19127
GAACGGCU G UCAAGAAC 3821 ACAACUUG G CGAUCCAC 3822 GAUCCACA G UGACCUGU 3823 AGUGACCU G UCCUAUUG 3824 GANUGAAA G CAGGCUCA 3825 GAAAGCAG G CUCAAUGA 3827 AAUGANAC G UGGAAGCU 3828 AAUGANAC G UGGAAGCU 3829 ACGUGGAA G CUUGAAAG 3829 AAAGGGCA G UGAAAGCA 3831 UUGAAAACA G CAGUCUGA 3831 UUGAAAUCAU G UGACCUGA 3833 UCAUGUAC G UGACCUGA 3833 UCAUGUAC G UGACCUGA 3833 UCAUGUAC G CUGAGAC 3833 CCUGAGAC G CUGAGAC 3833 CCUGAGAC G CAUCCUGA 3833 UCACACUG G CAUCACUG 3843 ACCACCACUG G CAUCACACA 3843 ACCACCACAG G CAUCACACA 3844 ACACCCACG G CACCACACA 3845 ACACCACAG G CACCACAGA 3846 AAACCACAG G CACCAGAA 3846 AAACCAGA G CCCAGGAA 3846 AAACCAGA G CCCAGGAA 3846 AAACCAGA G CCCAGGAA 3846	3028	Ø	3820	GCCGAAAGGCGAGUGAGGUCU	19128
ACAACUUG G CGAUCCAC 3822 GAUCCACA G UGACCUGU 3823 AGUGACCU G UCCUAUUG 3824 GAAJGGAA G CUCAAUGA 3826 GAAAGGAG G CUCAAUGA 3827 ACGUGGAA G CUCAAUGA 3828 UUGAAAGGA G CUCAAUGA 3829 AAGGGGAA G UUCUGGGU 3833 UUGAAAGGGC G UGAAGUCA 3833 UCAUGUAC G UGAAGUCA 3833 UCAUGUAC G UGACCUGA 3833 UCAUGUAC G UGACCUGA 3833 CCUGAGAC G CAUCCCU 3833 CCUGAGAC G CAUCCCU 3833 CCUGAGAC G CAUCCCU 3833 CCUGAGAC G CAUCCCU 3843 CCUGAGAC G CACACCCA 3841 ACCACCACA G CAAUCACA 3842 AGACCACAA G CAAUCACA 3843 AAACCACAG G CCCAUGGG 3844 AGACCAGA G CCCAUGGG 3844 AAACCAGGA G CCCAUGGG 3845 AAACCAGGA G CCCAUGGG 3845 AAACCAGGA G CCCAUGGG 3845 AAACCAGG G CCCAUGGG 3845 AAACCAGG G CCCAUGGG 3845 AAACCAGGA G CCCAUGGG 3845 AAACCAGGA G CCCAUGGG 3845 AAACCAGGA G CCCAUGGG 3845 AAACCAGG G CCCAUGGG 3845 AAACCAGG G CCCAUGGG 3845 CGAUUACU G CCCAGGACC 3850 GAGUGAGA G CCCAUGGG 3852 CACCCUGA G CCCACCCC 3851 CACCCUGA G CCCACCCC 3853 CACCCUGA G CCCACCCC 3853 CACCCUGA G CCACCCCC 3853 CACCCUGA G CCCACCCC 3853 CACCCUGA G CCCACCCC 3853 CACCCUGA G CCCACCCC 3853 CACCCUGA G CCCACCCCC 3853 CACCCCUGA G CCCACCCCCC 3853 CACCCCUGA G CCCACCCCC 3853 CACCCCUGA G CCCACCCCC 3853 CACCCCUGA G CCCACCCCCC 3853 CACCCCUGA G CCCACCCCCC 3853 CACCCCUGA G CCCACCCCCC 3853 CACCCCUGA G CCCACCCCCCC 3853 CACCCCUGA G CCCACCCCCCCCCCCCCCCCCCCCCCCC	3031	GAACGGCU G UCAAGAAC	3821	GCCGAAAGGCGAGUGAGGUCU	19129
GAUCCACA G UGACCUGU 3823 AGUGACCU G UCCUAUUG 3824 GAUUGAAA G CUCAAUGA 3825 GAAAGCAG G CUCAAUGA 3826 AAUGAUAC G UGGAAGCU 3827 ACGUGGAA G CUUGAAAG 3828 AAAGGGCA G UGGAAGCA 3829 AAAGGGCA G UGAAGUCA 3831 AAAGGGCA G UGAAGUCA 3831 UGAAAUCAU G UGACCUGA 3831 UCAUGUAC G UGACCUGA 3833 UCAUGUAC G UGACCUGA 3833 CCUGAGAC G CUGAGAC 3833 CCUGAGAC G CAUACCUU 3833 CCUGAGAC G CAUACCUU 3833 CCUUGAGAC G CAUACCUU 3842 ACUACCUUG G CAUACCUU 3843 ACCACCAGG G CAUCACACA 3843 ACCACCAGA G CAAUCACA 3844 ACACCACGA G CAAUCACA 3845 AAACCACGA G CCCAUGGG ACCACCAGG AAACCACGA G CCCAUGGG ACCACCAGG AAACCAGG G CCCAUGGG AAACCAGG AAACCAGG G CCCAUGGG AAACCAGG AAACCAGG G CCCAUGGG AAGGCCGG AAACCAGGA G CCCAGGAA AAGGC	3046	O	3822	GUGGAUCO GCCGAAAGGCGAGUGAGGUCU CAAGUUGU	19130
AGUGACCU G UCCUAUUG 3824 GAUUGAAA G CAGGCUCA 3825 GAAAGCAG G CUCAAUGA 3826 AAUGAUAC G UGGAAGCU 3827 ACGUGGAA G CUUGAAAG 3828 AAAGGGCA G UGGAAGCA 3829 AAAGGGCA G UGAAGUCA 3831 AAAGGGCA G UGAAGUCA 3831 UCAUGUAC G UGAAGUCA 3833 UCAUGUACA G UGACCUGA 3834 UGUACGUG G CUUGAGAC 3833 CCUGAGAC G UGACCUGA 3833 UCAUGUGG G CUUGAGAC 3833 CCUGAGAC G CUCACCUG 3841 CCUUGAGAC G CAUCCCUG 3842 ACCACCACUG G CAUCACACA 3843 ACACCACAG G CAUCACACA 3843 ACACCACAG G CAUCACACA 3845 AAACCAGAG G CACCAUGAG 3846 AAACCAGAG G CCCAUGAG 3845 AAACCAGAG G CCCAUGAG 3846 AAACCAGAG G CCCAGGAG 3846 <td>3056</td> <td>0</td> <td>3823</td> <td>ACAGGUCA GCCGAAAGGCGAGUGAGGUCU UGUGGAUC</td> <td>19131</td>	3056	0	3823	ACAGGUCA GCCGAAAGGCGAGUGAGGUCU UGUGGAUC	19131
GANUGGAAA G CUGAAUGA 3825 GAAAGGAG G CUCAAUGA 3826 AAUGAUAC G UGGAAGCU 3827 ACGUGGAA G CUUGAAAG 3828 UUGAAAAGG G CUUGAAAG 3829 AAAGGGCA G UUCUGGGU 3831 AAAGGGCA G UUCUGGGU 3831 UCAUGUAC G UGACCUGA 3833 UCAUGUAC G UGACCUGA 3834 UCAUGUAC G UGACCUGA 3833 UCAUGUAC G UGACCUGA 3833 CCUUGAGAC G CAUCCCUG 3842 CCUUGAGAC G CAUCCCUG 3843 CCUUGAGAC G CACAUCACA 3843 ACCACACAG G CAAUCACA 3843 ACCACACAG G CAAUCACA 3845 AAACCAGG G CCCAUGGG 3846 AAACCAGG G CCCAUGGG 3846 AAACCAGG G CCCAUGGG G CCCAUGGG G CAAUCACA 3846 AAACCAGG G CCCAUGGG G CCCAUGGG CAAUCACA G CCCAGG	3063	AGUGACCU G UCCUAUUG	3824		19132
GAAAGCAG G CUCAAUGA 3826 AAUGAUAC G UGGAAGCU 3827 ACGUGGAA G CUUGAAAG 3828 UUGAAAAGG G CAGUUCUG 3829 AAAGGGCA G UUCUGGGU 3831 AAAGGGCA G UUCUGGGU 3831 UCGAAUCAU G UCAAAUCA 3833 UCAUGUAC G UCAAAUCA 3834 UCAUGUAC G CUUGAGAC 3836 CCUUGAGAC G CUUGAGAC 3836 CCUUGAGAC G CUUGAGAC 3839 CCUUGAGAC G CUUGAGAC 3841 ACCACCUG G CGAUGCAC 3842 ACCACCACU G CGAUCACA 3843 ACCACCAGA G CAAUCACA 3843 ACCACCAGA G CAAUCACA 3845 AAACCACGA G CAAUCACA 3845 AAACCACAGG G CACCAUGGG 3846 AAACCACGA G CCCAUGGG 3846 AAACCACGA G CCCAUGGG 3846 AAACCAGG G CCCAUGGG 3846 AAACCAGG G CCCAUGGG 3846 AAGGCCGG G UACACCUG 3846 AAGGCCGG G UACACCUG 3846 CCCAUUGAGG G CCCAGGGAA 3846 CACCCUGA G CCCAGGAA <td>3080</td> <td>O</td> <td>3825</td> <td>UGAGCCUG GCCGAAAGGCGAGUGAGGUCU UUUCAAUC</td> <td>19133</td>	3080	O	3825	UGAGCCUG GCCGAAAGGCGAGUGAGGUCU UUUCAAUC	19133
AUGANAC G UGGAAGCU 3827 ACGUGGAA G CUUGAAAG 3828 UUGAAAGG G CAGUUCUG 3829 AAAGGGCA G UUCAGGUU 3831 UGGGUGAA G UCAAAUCA 3831 UCAUGUAC G UGACCUGA 3833 UCAUGUAC G UGCCCUGA 3833 UCAUGACCU G UGCCCUGA 3836 CCUUGAGAC G CAUGCCU 3839 CCUUGAGAC G CAUGCCU 3839 CCUUGAGAC G CAUGCCCA 3841 ACCACGAA G CAAUCACA 3842 AGACCUGA G CCAUGGGA 3843 AAACCACGA G CCAUGGG 3844 AAACCAGGA G CCCAUGGG 3845 AAACCAGG G CCCAUGGG 3845 AAACCAGG G CCCAUGGG 3845 AAACCAGG G CCCAUGGG 3845 AAACCAGG G CCCAUGGG 3845 AAACCAGGA G CCCAUGGG 3845 AAACCAGG G CCCAUGGG 3845 AAACCAGGA G CCCAUGGG 3845 AAACCAGGA G CCCAUGGG 3845 AAACCAGG G CCCAUGGG 3845 CGAUUACU G CCCAGGAAC 3850 GAACUACG G UACACCCC 3850 GAACUACG G CCCAGGAC 3850 CACCCUGA G CCCACCCC 3850 GAGUGAACC G UGGACCU 3853 CACCCUGA G CCCACCCC 3853 CACCCUGA G CCCACCCC 3853 CACCCUGA G CCCACCCC 3853 CACCCUGA G CCCACCCC 3853 CACCCCUGA G CCCACCCC 3853 CACCCCUGA G CCCACCCC 3853 CACCCCUGA G CCCACCCC 3853 CACCCCUGA G CCCACCCCC 3853 CACCCCUGA G CCCACCCCCC 3853 CACCCCUGA G CCCACCCCC 3853 CACCCCUGA G CCCACCCCCC 3853 CACCCCUGA G CCCACCCCCCC 3853 CACCCCUGA G CCCACCCCCC 3853 CACCCCUGA G CCCACCCCCCCC 3853 CACCCCUGA G CCCACCCCCCCCCCCCCCCCCCCCCCCC	3084	o	3826	GCCGAAAGGCGAGUGAGGUCU	19134
ACGUGGAA G CUUGAAAG AAAGGGCA G UACAUCUG AAAAGGGCA G UGAAGUCA AGUUCUGG G UGAAGUCA AGUUCUGG G UGAAGUCA AGUUCUGG G UGAAGUCA B833 UCAUGUACA G UCACCUGA CCUGAGAC G UGACCUGA CCUGAGAC G CUGAGAC CCUGAGAC G CAUGCCUGA B835 CCUGAGAC G CAUGCCUGA CCUUGAGAC G CAUGCCUGA CCUUGAGAC G CAUGCGCA CCUUGAGAC G CAUGCGCA CCUUGAGAC G CAUCCCUC UAAUTACCAC G UCACCACUG UCACCACGAA G CAAUCACA AAACCCAGA G CCCAUGGG AAACCCCUGA G CCCAUGGG AAACCCCCGA G CCCAUGGG AAACCCCCGA G CCCAUGGG AAACCCCCGA G CCCAUGGG AAACCCCCCCCCCCCCCCCCCCCCCCCCCC	3096	O	3827	AGCUUCCA GCCGAAAGGCGAGUGAGGUCU GUAUCAUU	19135
UUGAAAGG G CAGUUCUG 3829 AAAGGGCA G UUCUGGGU 3831 AGUUCUGG G UGAAGUCA 3831 UGGGUGAA G UCAAAUCA 3833 CAAAUCAU G UACGUGGC 3833 UCAUGUGAC G CUGAGAC 3834 UGUACGUG G CUGAGAC 3835 CCUGAGAC G CAUACCUU 3836 CCUGAGAC G CAUACCUU 3841 CCUUGAGAC G CAUACCUG 3842 ACCACGAA G CAAUCACA 3843 ACCACGAA G CAAUCACA 3843 ACCACGAA G CAAUCACA 3845 AAACCAGG G CACAUGGG 3845 AAACCAGG G CCCAUGGG 3845 AAACCAGG G CCCAUGGG 3845 AAACCAGG G CCCAUGGG 3846 CCAAUUACU 3846 CCAAUGAGU 3846 CCAAUGAGG 3846 CCAAUGAGG CCCAGGAGG CACCCUGG UCACCCUG 3849 CACCCUGG	3102	ט	3828	CUUUCAAG GCCGAAAGGCGAGUGAGGUCU UUCCACGU	19136
AAAGGGCA G UUCUGGGU 3830 AGUUCUGG G UGAAGUCA 3831 UGGGUGAA G UCAAAUCA 3833 UCAUGUAC G UGACCUGA 3833 UCAUGUAC G UGGCCUGA 3834 UGUACGUG G CCUGAGAC 3835 CCUGAGAC G CAUGCCUU 3836 CCUUGAGAC G CAUGCCUU 3839 CCUUGAGA G UGACUUGA 3841 ACCACGAA G CGAUGGAA 3842 AAACCACUG G UACAACAC 3843 AAACCAGG G CCCAUGGG 3844 GGACGAAG G CCCAUGGG 3845 AAACCCAGG G UACAAGAC 3845 AAACCCAGG G UACAAGAC 3845 AAACCAGG G CCCAUGGG 3846 CGAUUACU G CCCAUGGG 3846 CGAUUACU G CCCAGGAAC 3849 CACCCUGA G UGACCCCUG 3849 CACCCUGA G UGACCCCUG 3850 CGAAUUACU G CCCAGGAAC 3850 CACCCUGA G UGACCCCC UGAGAGCC G UGGACCCC 3853 CACCCUGA G CCCACCCCC 3853 CACCCUGA G CCCACCCCC 3853 CACCCUGA G CCCACCCC 3853 CACCCUGA G CCCACCCCC 3853 CACCCCUGA G CCCACCCC 3853 CACCCCUGA G CCCACCCC 3853 CACCCCUGA G CCCACCCC 3853 CACCCCUC G CCCACCCC 3853 CACCCACUC G CCCACCCC 3853 CACCCACUC G CCCACCCCC 3853 CACCCACUC G CCCACCCCC 3853	3112	Ø	3829	CAGAACUG GCCGAAAGGCGAGUGAGGUCU CCUUUCAA	19137
AGUUCUGG G UGAAGUCA UGGGUGAA G UCAAAUCA UGGGUGAA G UCAAAUCA 3832 CAAAUCAU G UGGCCUGA 3834 UGUACGUG G CCUGAGAC 3835 CCUGAGAC G CAUCCCUU 3836 CCUGAGAC G CAUCACUU 3837 CUUGUGG G CGAUGGAA 3841 ACCACGAA G CAAUCACA 3842 AAACCAGA G CAAUCACA 3841 AAACCAGA G CAAUCACA AAACCAGA G CAAUCACA 3845 AAACCAGA G CCCAUGGG AAACCACAGA G CCCACGGAA GAACUACC GAACUACC GAACACACCA GAACACACCA GAACACACC CCCACGAAA AAACCCCCAGAAA AAACCCCCAGAAA AAACCCCCCAGAAAC AAACCCCCCAGAAAC AAACCCCCCAGAAAC AAACCCCCCACACCAC 3852 CACCCCUGA G CCACACCC 3853 CACCCCUGA G CCCACACCC 3853 CCCACACACCC AAACCCCCC AAACCCCCC AAACCCCCC	3115	AAAGGGCA G UUCUGGGU	3830	ACCCAGAA GCCGAAAGGCGAGUGAGGUCU UGCCCUUU	19138
UGGGUGAA G UCAAAUCA 3832 CAAAUCAU G UACGUGGC 3834 UCAUGUAC GU GGCCUGA 3834 UGUACGUG G CCUGAGAC 3835 CCUGAGAC G CAURCCUU 3836 CCUGAGAC G CAURCCUU 3837 CCUUGAGAC G CAUGAGAA 3839 CCUUGAGA G UGACUUGA 3841 ACCACGAA G CGAUCCA 3842 ACCACGAA G CGAUCACA 3843 ACCACGAA G CCCAUGGG 3845 AAACCAGG G UACAAGAC 3845 AAACCAGG G CCCAUGGG 3845 AAACCAGG G CCCAUGGG 3845 AAACCAGG G CCCAUGGG 3846 CGANUNACU G CCCAGGAA 3846 CACCCUGA G UACACCUG 3846 CACCCUGA G UACACCUG 3846 CACCCUGA G UACACCUG 3846 CAGAUCACC 36ACGCCUG GAGACCUG CCCAGGGAC GAGACCUG CCCAGGGAC GAACCUGG CCCAGGGAC GAGACCUG CCCAGGAA GAGACCUG CCCAGGAC GAGACCUG CCCAGGAC GAGACCCUG CCCAGGAC <td>3122</td> <td>AGUUCUGG G UGAAGUCA</td> <td>3831</td> <td>UGACTUCA GCCGAAAGGCGAGUGAGGUCU CCAGAACU</td> <td>19139</td>	3122	AGUUCUGG G UGAAGUCA	3831	UGACTUCA GCCGAAAGGCGAGUGAGGUCU CCAGAACU	19139
CAAAUCAU G UACGUGGC 3833 UCAUGUAC G UGGCCUGA 3834 UGUACGUG G CCUGAGAC 3835 CCUGAGAC 3835 CCUGAGAC 3836 CCUGAGAC 3837 CCUGAGAC 3837 CUUGUGGG G CGAUGGAA 3840 UAAUACCA G UGACUUGA 3841 ACCACGAA G CGGAGCCA 3842 ACACCAGG G UACAAGAC 3844 AAACCAGG G CCCAUGGG 3845 AAACCAGG G CCCAUGGG 3845 AAACCAGG G CCCAUGGG 3846 CGAAUUACU G CCCAUGGG 3846 CAAUUACU G CCCAGGAA 3846 CACCCUGA G UACACCCUG 3846 CACCCUGA G UACACCCUG 3846 CACCCUGA G UCACCCUG 3846 CACCCUGA G UCACCCUG 3850 GAGUGAGCU G CGCACACC 3851 CACCCUGA G CGCACACC 3853 CACCCUGA G CGCACCCC 3853 G GGACCCCC G CGCACCCC 3853 <t< td=""><td>3127</td><td>UGGGUGAA G UCAAAUCA</td><td>3832</td><td>UGAUTUGA GCCGAAAGGCGAGUGAGGUCU UUCACCCA</td><td>19140</td></t<>	3127	UGGGUGAA G UCAAAUCA	3832	UGAUTUGA GCCGAAAGGCGAGUGAGGUCU UUCACCCA	19140
UCAUGUAC G UGGCCUGA 3834 UGUACGUG G CCUGAGAC 3835 CCUGAGAC 3835 CCUGAGAC 3836 CCUGAGAC 3837 CUUGAGAG G CAUGAGAA 3837 CUUGAGAG G CGAUGGAA 3840 UAAUACCA G UGACUUGA 3841 ACCACGAA G CGGAGACCA 3842 ACACCAGG G CGGGACCA 3844 AAACCAGG G CCCAUGGG 3845 AAACCAGG G CCCAUGGG 3845 AAACCAGG G CCCAUGGG 3845 AAACCAGG G CCCAUGGG 3846 CGANUNACU G CCCAGGAA 3849 CACCCUGA G UACACCCUG 3846 CACCCUGA G UACACCCUG 3846 CACCCUGA G UACACCCUG 3850 GAGUGAGCU G CCCAGGAC 3851 CACCCUGA G CGCACACC 3853 CACCCUGA G CGCACACC 3853 CACCCUGA G CCCAGGACC 3853 CAGGACACC G CGCACCCC	3137	CAAAUCAU G UACGUGGC	3833		19141
UGUACGUG G CCUGAGAC 3835 CCUGAGAC G CAURCCUV 3836 CCUGAGAC G CAURCCUV 3837 CUUGUGGG G CGAUGGAA 3839 CCUUGAGA G UGACUUGA 3840 UAAUACCA G UCACACUG 3841 ACCACGAA G CGAUCCA 3842 ACCACGAA G CAAUCACA 3843 ACACCAGG G UACAAGAC 3845 AAACCAGG G CCCAUGGG 3846 CGAUUACU G CCCAUGGG GAACUACG G UACACCUG GAAUAACUACG G UACACCCUG GAAUAACUACG G UCACCCUG GAAUGAAGU 3846 CACCCUGA G UACACCCUG GAAUGAACU 3850 GAGUGAAGU G CGCACCCU G GAGCCCUC 3853 G GGACCCUC G CACCACCCC G GGACCACC 3854	3141	UCAUGUAC G UGGCCUGA	3834	UCAGGCCA GCCGAAAGGCGAGUGAGGUCU GUACAUGA	19142
CCUGAGAC G CAURCCUTU 3836 CAURCCUU G UGGGGCGA 3837 CUUGUGGG G CGAUGGAA 3839 CCUUGAGA G UGACUUGA 3840 UAAUACCA G UCACACUG 3841 ACCACGAA G CAAUCACA 3842 AAACCAGG G UACAAGAC 3844 AAACCAGG G CCCAUGGG 3845 AAACCAGG G UACAAGAC 3845 AAACCAGA G CCCAUGGG 3846 CGAUUACU G CCCAGGAA 3846 CAACUUACU G CCCAGGAA 3849 GAACUACG G UGACACCU 3850 UGAGAGACC G UGACCCUG 3851 CACCCUGA G CCCAGGAC 3851 CACCCUGA G CCCACCCC 3851 CACCCUGA G CCCACCCC 3851 CACCCUGA G CCCACCCC 3851 CACCCUGA G CCCACCCC 3851 CACCCUCAC G CCCACCCC 3851 CACCCCUCA G CCCACCCC 3851 CACCACUC G CCACCCCC 3855 CACCACUC G CCCACCCC 3855 CACCACACAC G CCCACCCC 3855 CACCACACAC G CCCACCCC 3855	3144	UGUACGUG G CCUGAGAC	3835	GUCUCAGO GCCGAAAGGCGAGUGAGGUCU CACGUACA	19143
CRUNACCUU G UGGGGCGA 3837 CUUGUGGG G CGAUGGAA 3838 CCUUGAGA G UGACUUGA 3840 UNAUNACCA G UCACACUG 3841 ACCACGAA G CAAUCACA 3842 AAACCAGG G UACAAGAC 3844 AAACCAGG G CCCAUGGG 3844 GGACGAAG G CCCAUGGG 3845 AAACCAGG G UACAAGAC 3845 AAACCAGG G UACAAGAC 3845 AAGGCCGG G UACAAGAU 3846 CGAUUACU G CCCAGGAA 3849 CACCCUGA G UGACCCUG 3850 GAGUGAGC G UGACCCCC 3851 CACCCUGA G CGCCCCCC 3851 CACCCUGA G CGCACACC 3853 GGGACACC G UGGACCUC 3853 GGGACCC G CCCACCCCC 3853 UGCCACUC G CACCACCC 3855 CACCAGAGA G CGCACACC 3855 CACCACACAC G CGGAAAGU 3855 AGCGGAAA G UUGAUAAC 3855	3153		3836	AAGGUAUG GCCGAAAGGCGAGUGAGGUCU GUCUCAGG	19144
CCUUGAGG G CGAUGGAA 3838 CCUUGAGA G UGACUUGA 3840 UAAUACCA G UCACACUG 3841 ACCACGAA G CAAUCACA 3842 AAACCAGG G UACAAGAC 3844 AAACCAGG G CCCAUGGG 3845 AAACCAGG G CCCAUGGG 3845 AAACCAGG G CCCAUGGG 3845 AAACCAGG G UACAAGAC 3845 AAGGCCGG G UACAAGAU 3846 CGAUUACU G CCCAGGAA 3849 CACCCUGA G UGACCCUG 3850 UGAGAGGC G UGGCCGCC 3851 CACCCUGA G CGCACACC 3851 CACCCUGA G CGCACACC 3851 CGGACACC G UGGACCUC 3853 UGCCACUC G CACCACCC 3855 UGCCACUC G CACCACCA 3855 AGCGGAAA G UUGAUAAC 3855	3162		3837	GCCGAAAGGCGAGUGAGGUCU	19145
CCUUGAGA G UGACUUGA 3839 UNAUNCCA G UCACACUG 3840 UCACACUG 3841 ACCACGAA G CGAGACCA 3842 ACCACGAA G CAAUCACA 3843 AAACCUGG G UACAAGAC 3844 AAACCAGG G CCCAUGGG 3845 AAACCAGG G CCCAUGGG 3846 CGAUUACU G CCCAGGAA 3846 CAAUUACU G CCCAGGAA 3849 CACCCUGA G UGACCCUG 3850 GAGUGAGCU G CCGCGGAC 3851 CACCCUGA G CGGACACC 3851 CAGACACC 3853 GUGGACCUC 3853 GUGGACCUC 3853 UGCCACUC CACCACCCA GUGGACCUC CACCACUCG GUGGACCUC CACCACUCG GUGGACCUC CACCACUCG GUGGACCUC CACCACUCG GUGCACUC CACCACUCG CACCAGAGA 3855	3167	ಠ	3838		19146
UAAUACCA G UCACACUG 3840 UCACACUG G CGGACCA 3841 ACCACGAA G CGAUCACA 3842 ACCACGAA G CAAUCACA 3843 AAACCAGG G UACAAGAC 3844 AAACCAGG G UACAGAAU 3845 AAAGGCGG G UAGAGAUU 3846 CGAUUACU G CCCAGGAA 3848 CACCCUGA G UCACCCUG 3849 CACCCUGA G UCACCCUG 3850 GAGUGAGCU G CGGACACC 3851 CGGACACC 3851 CGGACACC 3853 GUGGACCUC 3853 UGCCACUC G CACCACCA 3853 UGCCACUC G CACCACCA 3855 AGCGAAAA G UCAAUAAC 3855	3185		3839	UCAAGUCA GCCGAAAGGCGAGUGAGGUCU UCUCAAGG	19147
UCACACUG G CGGGACCA 3841 ACCACGAA G CAAUCACA 3842 AGACCUGG G UACAAGAC 3843 AAACCAGG G UACAGGG 3844 GAACGAAG G CCCAUGGG 3845 AAGGCCGG G UAGAGAUU 3846 CGANUACU G CCCAGGAA 3848 GAACUACG G UCACCCUG 3849 CACCCUGA G UGAGGCU 3850 GAGUGAGCU G CGGACACC 3851 CGGACACC 3851 CGGACACC 3853 GUGGACCUC 3853 UGCCACUC CACCUCGC AGCGAAAG CACCACCCA AGCCACUC CACCACCCA AGCGGAAAG CACCACCCA	3202		3840	CAGUGUGA GCCGAAAGGCGAGUGAGGUCU UGGUAUUA	19148
AGACGGAA G CAAUCACA 3842 AGACCUGG G UACAAGAC 3843 AAACCAGG G CCCAUGGG 3844 GGACGAAG G CCCAUGGG 3845 AAGGCCGG G UAGAGAUU 3846 CGAUUACU G CCCAGGAA 3847 GAACUACG G UCACCCUG 3849 CACCCUGA G UGAGAGCU 3849 CACCCUGA G UGAGAGCU 3850 UGAGAGCU G CGGACACC 3851 CGGACACC G UGGACCUG 3853 UGCCACUC G CACCACGA 3855 AGCGGAAA G UUGAUAAC 3855	3211	UCACACUG G CGGGACCA	3841	UGGUCCCG GCCGAAAGGCGAGUGAGGUCU CAGUGUGA	19149
AGACCUGG G UACAAGAC 3843 AAACCAGG G CCCAUGGG 3844 GGACGAAG G CCGAUGGG 3845 AAGGCCGG G UAGAGAUU 3846 CGAUUACU G CCCAGGAA 3847 GAACUACG G UCACCCUG 3848 CACCCUGA G UGAGAGCU 3849 CACCCUGA G UGAGAGCU 3851 CACGCACU G CGGACACC 3851 CGGACACC G UGGACCUG 3853 UGCCACU G CCACUCGC 3853 UGCCACU G CCACUCGC 3855 AGCGGAAA G UGGAAAGU 3855	3224	ACCACGAA G CAAUCACA	3842	UGUGAUUG GCCGAAAGGCGAGUGAGGUCU UUCGUGGU	19150
AAACCAGG G CCCAUGGG 3844 GGACGAAG G CCGGGUAG 3845 AAGGCCGG G UAGAGAUU 3846 CGAUUACU G CCCAGGAA 3847 GAACUACG G UCACCCUG 3848 CACCCUGA G UGAGAGCU 3849 GAGUGAGA G CGGGGAC 3851 CGGACACC G UGGACCUG 3851 CGGACACC G UGGACCUG 3851 CGGACACC G CCACCCCA 3853 UGCCACUC G CACCACCA 3855 AGCGGAAA G UGGAAAGU 3855 AGCGGAAA G UGGAAAGU 3855 AGCGGAAA G UGGAAAGU 3855 AGCGGAAA G UGGAAAGU 3855 AGCGGAAA G UUGAUAAC 3856 AGCGGAAAA G UUGAUAA C AGCAACACCU G CACCACCACA AGCGGAAA G UUGAUAAC AGCGGAAA G UUGAAUAAC AGCGGAAA G UUGAAUAAC AGCGAACACCACACACACA AGCGAACACACACACACACACACACACACACACACACAC	3246		3843	GUCUUGUA GCCGAAAGGCGAGUGAGGUCU CCAGGUCU	19151
GGACGAAG G CCGGGUAG 3845 AAGGCCGG G UAGAGAUU 3846 CGAUUACU G CCCAGGAA 3847 GAACUACG G UCACCCUG 3848 CACCCUGA G UGAGAGCU 3849 GAGUGAGA G UGAGGGAC 3850 UGAGAGCU G CGGACACC 3851 CGGACACC G UGGACCUG 3853 UGCCACUC G CACCACCA 3854 CACAGAGA G CGGAAAGU 3855 AGCGGAAA G UUGAUAAC 3856 AGCGGAAA G UUGAUAA C AGCGAACACC G UUGAAA C AGCGAACACC G UUGAAAA G UUGAAA C AGCGAACACC G UUGAAAA C AGCGAACACC G UUGAAA C AGCAACACC G UUGAAAA C	3266		3844	GCCGAAAGGCGAGUGAGGUCU	19152
AAGGCCGG G UAGAGAUU 3846 CGAUUACU G CCCAGGAA 3847 GAACUACG G UCACCCUG 3848 CACCCUGA G UGAGAGCU 3849 GAGUGAGA G CUGCGGAC 3850 UGAGAGCU G CGAACACC 3851 CGGACACC G UGGACCUG 3853 GUGGACCU G CCACCACG 3853 UGCCACUC G CACCACCA 3854 CACCAGAGA G UGGAAAGU 3855	3281		3845	CUACCCGG GCCGAAAGGCGAGGUGU CUUCGUCC	19153
CGAUUACU G CCCAGGAA 3847 GAACUACG G UCACCCUG 3848 CACCCUGA G UGAGAGCU 3849 GAGUGAGA G UGCGGAC 3850 UGAGAGCU G CGGACACC 3851 CGGACACC G UGGACCUG 3852 GUGGACCU G CCACCUCGC 3853 UGCCACUC G CACCACCA 3855 AGCGGAAA G UGGAAAGU 3855	3286	AAGGCCGG G UAGAGAUU	3846	AAUCUCUA GCCGAAAGGCGAGUGAGGUCU CCGGCCUU	19154
GAACUACG G UCACCCUG 3848 CACCCUGA G UGAGAGCU 3849 GAGUGAGA G CUGCGGAC 3850 UGAGAGCU G CGGACACC 3851 CGGACACC G UGGACCUG 3852 GUGGACCU G CCACUCGC 3853 UGCCACUC G CACCACCA 3854 CACCACAC G UGGAAAGU 3855 AGCGGAAA G UUGAUAAC 3856 AGCGGAAA G UUGAUAAC 3856	3308	CGAUUACU G CCCAGGAA	3847	UUCCUGGG GCCGAAAGGCGAGGUCU AGUAAUCG	19155
CACCCUGA G UGAGAGCU 3849 GAGUGAGA G CUGCGGAC 3850 UGAGAGCU G CGGACACC 3851 CGGACACC G UGGACCUG 3852 GUGGACCU G CCACUCGC 3853 UGCCACUC G CACCACCA 3854 CACAGAGA G CGGAAAGU 3855 AGCGGAAA G UUGAUAAC 3856	3322	GAACUACG G UCACCCUG	3848	CAGGGUGA GCCGAAAGGCGAGUGAGGUCU CGUAGUUC	19156
GAGUGAGA G CUGCGGAC 3850 UGAGAGCU G CGGACACC 3851 CGGACACC G UGGACCUG 3852 GUGGACCU G CCACUCGC 3853 UGCCACUC G CACCACCA 3854 CACCACUC G CACCACCA 3855 AGCGGAAA G UUGAUAAC 3856 GGGAAAGU 3856 GGGAAAAGU 3856 GGGAAAAGU 3856 GGGGAAAAGU 3856 GGGGGAAAAGU 3856 GGGGGAAAGU 3856 GGGGAAAGU 3856 GGGGAAAGU 3856 GGGGGAAAGU 3856 GGGGAAAGU 3856 GGGGGAAAGU 3856 GGGGAAAGU 3866 GGGGAAAGU 38	3332		3849	AGCUCUCA GCCGAAAGGCGAGUGAGGUCU UCAGGGUG	19157
UGAGAGCU G CGGACACC 3851 CGGACACC G UGGACCUG 3852 GUGGACCU G CCACUCGC 3853 UGCCACUC G CACCACCA 3854 CACAGAGA G CGGAAAGU 3855 AGCGGAAA G UUGAUAAC 3856	3338	ტ	3850	GUCCGCAG GCCGAAAGGCGAGUGAGGUCU UCUCACUC	19158
CGGACACC G UGGACCUG 3852 GUGGACCU G CCACUCGC 3853 UGCCACUC G CACCACCA 3854 CACAGAGA G CGGAAAGU 3855 AGCGGAAA G UUGAUAAC 3856	3341	ဗ	3851	GGUGUCCG GCCGAAAGGCGAGGUGAGGUCU AGCUCUCA	19159
GUGGACCU G CCACUCGC	3350		3852	CAGGUCCA GCCGAAAGGCGAGUGAGGUCU GGUGUCCG	19160
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CACAGAGA G CGGAAAGU 3855 ACUUUCCG AGCGGAAA G UUGAUAAC 3856 GUUAUCAA	3365	UGCCACUC G CACCACCA	3854	UGGUGGUG GCCGAAAGGCGAGUGAGGUCU GAGUGGCA	19162
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	3387		3856	GCCGAAAGGCGAGUGAGGUCU	19164
3402 ACAGAUUG G UGCUGCAG 3857 CUGCAGCA GCCGAAAGGCGA	3402		3857	CUGCAGCA GCCGAAAGGCGAGUGAGGUCU CAAUCUGU	19165

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3407	ט	3859	AGCUCCUG GCCGAAAGGCGAGUGAGGUCU AGCACCAA	19161
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3432	CCACCACU G CGCUACCA	3862	UGGUAGCG GCCGAAAGGCGAGUGAGGUCU AGUGGUGG	19170
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3455	CAGCGGCU G UUGGUAUG	3866		19174
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3464	UUGGUAUG G UAUGGAGA	3868	UCUCCAUA GCCGAAAGGCGAGUGAGGUCU CAUACCAA	19176
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3532	CUUAUAAU G CUGAUAUG	3874	CAUAUCAG GCCGAAAGGCGAGUGAGGUCU AUUAUAAG	19182
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3568	accoucing a ucauatura	3877	GAACACGA GCCGAAAGGCGAGUGAGGUCU CAGAAGGC	19185
3571	vicueeuc e veuveure	3878	CAAGAACA GCCGAAAGGCGAGUGAGGUCU GACCAGAA	19186
3573	cuearcan a macmaga	3879	GCCAAGAA GCCGAAAGGCGAGUGAGGUCU ACGACCAG	19187
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3592	CCCAGGAG G UCCUUCGC	3881	GCGAAGGA GCCGAAAGGCGAGUGAGGUCU CUCCUGGG	19189
3599	GGUCCUUC G CAAGAGGU	3882	GCCGAAAGGCGAGUGAGGUCU	19190
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3613	GGUGGACA G CCAAGAUC	3884	GAUCUUGG GCCGAAAGGCGAGUGAGGUCU UGUCCACC	19192
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3648	ט	3889	AGGACUAG GCCGAAAGGCGAGUGAGGUCU AGAGCAAU	19197
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3658	UAGUCCUG G UGUUUGGG	3891		19199
3660	succuseu s unusessa	3892	CCCCCAAA GCCGAAAGGCGAGUGAGGUCU ACCAGGAC	19200
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3697	UACGCUAU G UCAUCUUG	3897	CAAGAUGA GCCGAAAGGCGAGUGAGGUCU AUAGCGUA	19205

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UGGUGGGG		3899	GAAAGCUG GCCGAAAGGCGAGUGAGGUCU CCCCACCA	19207
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BAGACC	GAGACGUG G UACACUUG	3903	CAAGUGUA GCCGAAAGGCGAGUGAGGUCU CACGUCUC	19211
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CACUUGGC	sec e cucaugec	3905	GCCAUGAG GCCGAAAGGCGAGUGAGGUCU GCCAAGUG	19213
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пепивесе	sce e cuennunc	3916	GANAACAG GCCGANAGGCGAGUGAGGUCU CGCCAACA	19224
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AUUCACUG	TUG G CGGUAGCU	3924	AGCUACCG GCCGAAAGGCGAGUGAGGUCU CAGUGAAU	19232
CACUGO	CACUGGCG G VAGCUVGG	3925	CCAAGCUA GCCGAAAGGCGAGUGAGGUCU CGCCAGUG	19233
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CAUCAAAC	AC G UGGUUGUU	3928	AACAACCA GCCGAAAGGCGAGUGAGGUCU GUUUGAUG	19236
CAAACGUG	sue e uneuncce	3929	CGGAACAA GCCGAAAGGCGAGUGAGGUCU CACGUUUG	19237
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CUAGCCCU	co g curacacc	3934	GGUGUUAG GCCGAAAGGCGAGUGAGGUCU AGGGCUAG	19242
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GCUGAC	GCUGAGAU G CUUGAAUC	3936	GAUUCAAG GCCGAAAGGCGAGUGAGGUCU AUCUCAGC	19244

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UCAUGUUU G CUGCUUUC	3976	GAAAGCAG GCCGAAAGGCGAGUGAGGUCU AAACAUGA	19284
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\vdash	AGAGAACG G CGGACAUU	3980	AAUGUCCG GCCGAAAGGCGAGUGAGGUCU CGUUCUCU	19288
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4452	GAUGUGGG G CUUGAUGA	3988	UCAUCAAG GCCGAAAGGCGAGUGAGGUCU CGCACAUC	19296
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4727	AGGAGCGG G CGUGAUGG	4016	CCAUCACG GCCGAAAGGCGAGUGAGGUCU CCGCUCCU	19324
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4866	UGGAAAUU G CAGCACAA	4031	UNGUGCUG GCCGAAAGGCGAGUGAGGUCU AAUUUCCA	19339
4869	AAAUUGCA G CACAAGUG	4032	CACUUGUG GCCGAAAGGCGAGUGAGGUCU UGCAAUUU	19340
4875	CAGCACAA G UGGAACGG	4033	CCGUUCCA GCCGAAAGGCGAGUGAGGUCU UUGUGCUG	19341
4884	UGGAACGG G CAGGAUGA	4034		19342
4894	AGGAUGAG G UGCAGAUG	4035	CAUCUGCA GCCGAAAGGCGAGUGAGGUCU CUCAUCCU	19343
4896	GAUGAGGU G CAGAUGAU	4036	AUCAUCUG GCCGAAAGGCGAGUGAGGUCU ACCUCAUC	19344
4906	AGAUGAUU G UGGUGGAA	4037	GCCGAAAGGCGAGUGAGGUCU	19345
4909	UGAUUGUG G UGGAACCU	4038		19346
4919	GGAACCUG G CAAGAACG	4039		19347
4927	GCAAGAAC G UUAAGAAC	4040	GUICUUAA GCCGAAAGGCGAGUGAGGUCU GUUCUUGC	19348
4936	UVANGAAC G UCCAGACG	4041	CGUCUGGA GCCGAAAGGCGAGUGAGGUCU GUUCUUAA	19349
4954	AACCAGGG G UGUUCAAA	4042	UNUGAACA GCCGAAAGGCGAGUGAGGUCU CCCUGGUU	19350
4956	CCAGGGGU G UUCAAAAC	4043	GUUUUGAA GCCGAAAGGCGAGUGAGGUCU ACCCCUGG	19351
4984	AAAUCGGG G CCGUGACU	4044	AGUCACGG GCCGAAAGGCGAGUGAGGUCU CCCGAUUU	19352
4987	ŋ	4045	CAAAGUCA GCCGAAAGGCGAGUGAGGUCU GGCCCCGA	19353
5018	AACAUCAG G CUCACCAA	4046	UUGGUGAG GCCGAAGGCGAGUGUCU CUGAUGUU	19354
5029	CACCAAUA G UGGACAAA	4047	UNUGUCCA GCCGAAAGGCGAGUGAGGUCU UAUUGGUG	19355
5042	CAAAAACG G UGAUGUGA	4048	UCACAUCA GCCGAAAGGCGAGUGAGGUCU CGUUUUUG	19356
5047	ACGGUGAU G UGAUUGGG	4049	CCCAAUCA GCCGAAAGGCGAGUGAGGUCU AUCACCGU	19357
5055	GUGAUUGG G CUUUAUGG	4050		19358
5063		4051	GCCGAAAGGCGAGUGAGGUCU	19359
5071	GCAAUGGA G UCAUAAUG	4052	CAUUAUGA GCCGAAAGGCGAGUGAGGUCU UCCAUUGC	19360
5079	GUCADAAU G CCCAACGG	4053	CCGUUGGG GCCGAAAGGCGAGUGAGGUCU AUJAUGAC	19361
5087	២	4054	GCCGAAAGGCGAGUGAGGUCU	19362
5099	Ö	4055	GCCGAAAGGCGAGUGAGGUCU	19363
5101		4056	GCCGAAAGGCGAGUGAGGUCU	19364
2107	GCGCGAUA G UGCAGGGU	4057	ACCCUGCA GCCGAAAGGCGAGUGAGGUCU UAUCGCGC	19365

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5109	מבווטבומט בי וובשוועטטט	4058	יים היים היים אים המשבת ממחים בניים חברונו	19366
5114		4059	UCCUTUCA GCCGAAAGGCGAGUGAGGUCU CCUGCACU	19367
5130	AUGGAUGA G CCAAUCCC	4060	GGGAUUGG GCCGAAAGGCGAGUGAGGUCU UCAUCCAU	19368
5140	CAAUCCCA G CCGGAUUC	4061	GAAUCCGG GCCGAAAGGCGAGUGAGGUCU UGGGAUUG	19369
5160	Ø	4062	UUCCUCAG GCCGAAAGGCGAGUGAGGUCU AUCUCAGG	19370
5182	AGAUCACU G UACUGGAU	4063	AUCCAGUA GCCGAAAGGCGAGUGAGGUCU AGUGAUCU	19371
5201	CCAUCCCG G CGCCGGUA	4064	UACCGGCG GCCGAAAGGCGAGUGAGGUCU CGGGAUGG	19372
5203	AUCCCGGC G CCGGUAAA	4065	UUUACCGG GCCGAAAGGCGAGUGAGGUCU GCCGGGAU	19373
5207	CGGCGCCG G UAAAACAA	4066	UNGUTUUA GCCGAAAGGCGAGUGAGGUCU CGGCGCCG	19374
5226	AGGAUUCU G CCACAGAU	4067	AUCUGUGG GCCGAAAGGCGAGUGAGGUCU AGAAUCCU	19375
5245	UCAAAGAG G CCAUAAAC	4068	GUUDAUGG GCCGAAAGGCGAGUGAGGUCU CUCUUUGA	19376
5269	UGAGAACA G CCGUGCUA	4069	UAGCACGO GCCGAAAGGCGAGUGAGGUCU UGUUCUCA	19377
5272	GAACAGCC G UGCUAGCA	4070	UGCUAGCA GCCGAAAGGCGAGUGAGGUCU GGCUGUUC	19378
5274	ACAGCCGU G CUAGCACC	4071	GOUGCUAG GCCGAAAGGCGAGUGAGGUCU ACGGCUGU	19379
5278	CCGUGCUA G CACCAACC	4072	GGUUGGUG GCCGAAAGGCGAGUGAGGUCU UAGCACGG	19380
2290	CAACCAGG G UUGUGGCU	4073	AGCCACAA GCCGAAAGGCGAGUGAGGUCU CCUGGUUG	19381
5293	CCAGGGUU G UGGCUGCU	4074	AGCAGCCA GCCGAAAGGCGAGUGAGGUCU AACCCUGG	19382
5296	GGGUUGUG G CUGCUGAG	4075	CUCAGCAG GCCGAAAGGCGAGUGAGGUCU CACAACCC	19383
5299	UUGUGGCU G CUGAGAUG	4076	CAUCUCAG GCCGAAAGGCGAGGGGGCCU AGCCACAA	19384
5308	CUGAGAUG G CUGAAGCA	4077	UGCUUCAG GCCGAAGGCGAGUGAGGUCU CAUCUCAG	19385
5314	UGGCUGAA G CACUGAGA	4078	UCUCAGUG GCCGAAAGGCGAGUGAGGUCU UUCAGCCA	19386
5328	AGAGGACU G CCCAUCCG	4079	CGGAUGGG GCCGAAAGGCGAGUGAGGUCU AGUCCUCU	19387
5337	CCCAUCCG G DACCAGAC	4080	GUCUGGUA GCCGAAAGGCGAGUGAGGUCU CGGAUGGG	19388
5350		4081		19389
5353	CAUCCGCA G UGCCCAGA	4082	UCUGGGCA GCCGAAAGGCGAGUGAGGUCU UGCGGAUG	19390
5355	UCCGCAGU G CCCAGAGA	4083	UCUCUGGG GCCGAAAGGCGAGUGAGGUCU ACUGCGGA	19391
5383	AUGAGAUU G UUGAUGUC	4084	GACAUCAA GCCGAAAGGCGAGUGAGGUCU AAUCUCAU	19392
5389		4085	GCCGAAAGGCGAGUGAGGUCU	19393
5394	GAUGUCAU G UGUCAUGC	4086	GCAUGACA GCCGAAAGGCGAGUGAGGUCU AUGACAUC	19394
2396	UGUCAUGU G UCAUGCUA	4087		19395
5401	UGUGUCAU G CUACCCUC	4088	GCCGAAAGGCGAGUGAGGUCU	19396
5418	ACCCACAG G CUGAUGUC	4089	GACAUCAG GCCGAAAGGCGAGUGAGGUCU CUGUGGGU	19397
5424	AGGCUGAU G UCUCCUCA	4090	UGAGGAGA GCCGAAAGGCGAGUGAGGUCU AUCAGCCU	19398
5437	CUCACAGG G UGCCGAAC	4091	GUUCGGCA GCCGAAAGGCGAGUGAGGUCU CCUGUGAG	19399
5439	CACAGGGU G CCGAACUA	4092	UAGUUCGG GCCGAAAGGCGAAUGAGGUCU ACCCUGUG	19400
5454	UACAACCU G UUCGUGAU	4093	GCCGAAAGGCGAGUGAGGUCU	19401
5458	ACCUGUUC G UGAUGGAU	4094	AUCCAUCA GCCGAAAGGCGAAGGGUCU GAACAGGU	19402
5470	UGGAUGAG G CUCAUTUC	4095	GAAAUGAG GCCGAAAGGCGAGUGAGGUCU CUCAUCCA	19403
5488	CCGACCCA G CUAGCAUU	4096	AAUGCUAG GCCGAAAGGCGAGUGAGGUCU UGGGUCGG	19404
5492	CCCAGCUA G CAUUGCAG	4097	CUGCAAUG GCCGAAAGGCGAGUGAGGUCU UAGCUGGG	19405

Table V

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19406	19407	19408	19409	19410	19411	19412	19413	19414	19415	19416	19417	19418	19419	19420	19421	19422	19423	19424	19425	19426	19427	19428	19429	19430	19431	19432	19433	19434	19435	19436	19437	19438	19439	19440	19441	19442	19443	19444	19445
UCUUGCUG GCCGAAAGGCGAGUGAGGUCU AAUGCUAG	ACCUCUUG GCCGAAAGGCGAGUGAGGUCU UGCAAUGC	AAAUGUAA GCCGAAAGGCGAGUGAGGUCU CUCUUGCU	UAGCUCGA GCCGAAAGGCGAGUGAGGUCU CUUUGUGG	UCCCCUAG GCCGAAAGGCGAGUGAGGUCU UCGACCUU	UGCCGCCG GCCGAAAGGCGAGUGAGGUCU CUCCCCUA	UAUUGCCG GCCGAAAGGCGAGUGAGGUCU CGCCUCCC	GAAUAUUG GCCGAAAGGCGAGUGAGGUCU CGCCGCCU	UGGGGUGG GCCGAAAGGCGAGUGAGGUCU UGUCAUGA	CUGAAGUG GCCGAAAGGCGAGUGAGGUCU CUGGUGGG	GAAUUGGA GCCGAAAGGCGAGUGAGGUCU UCUGGGAA	GUUCCAAG GCCGAAAGGCGAGUGAGGUCU UCGAUCCG	AAACCAAA GCCGAAAGGCGAGUGAGGUCU CGUCUUCC	GGCACAAA GCCGAAAGGCGAGUGAGGUCU CAAACCGU	ACUAGGCA GCCGAAAGGCGAGUGAGGUCU AAACCAAA	ACACUAGG GCCGAAAGGCGAGUGAGGUCU ACAAACCA	UCUUGACA GCCGAAAGGCGAGUGAGGUCU UAGGCACA	CAUCUUGA GCCGAAAGGCGAGUGAGGUCU ACUAGGCA	GCAAAGGG GCCGAAAGGCGAGUGAGGUCU AAUCUCAU	GUUGUAGG GCCGAAAGGCGAGUGAGGUCU AAAGGGCA	UUCCAGCA GCCGAAAGGCGAGUGAGGUCU GUUGUAGG	CUUUCCAG GCCGAAAGGCGAGUGAGGUCU ACGUUGUA	UUGGACUA GCCGAAAGGCGAGUGAGGUCU UUUCUUUC	CAAUUGGA GCCGAAAGGCGAGUGAGGUCU UACUUUCU	UCGUACGA GCCGAAAGGCGAGUGAGGUCU UUUCUGUU	GUCUCGUA GCCGAAAGGCGAGUGAGGUCU GACUUUCU	UNGGGUA GCCGAAAGGCGAGUGAGGUCU UCCGUCUC	CGUUCUUA GCCGAAAGGCGAGUGAGGUCU AUUUUGGG	UGUGAUAA GCCGAAAGGCGAGUGAGGUCU AAAGUCCC	GAAGUUAG GCCGAAAGGCGAGUGAGGUCU CCCCAUUU	CCUGCUCG GCCGAAAGGCGAGUGAGGUCU CUUGAAGU	UCACCCUG GCCGAAGGCGAGGGCCU UCGCCUUG	GUCAAUCA GCCGAAAGGCGAGUGAGGUCU CCUGCUCG	UCUUCCGG GCCGAAAGGCGAGUGAGGUCU UGUCAAUC	GUUUCACA GCCGAAAGGCGAGUGAGGUCU UCUUCCGG	UGGUUUCA GCCGAAAGGCGAGUGAGGUCU ACUCUUCC	CAGGAUCA GCCGAAAGGCGAGUGAGGUCU UCUCCCUU	UGUCACUG GCCGAAAGGCGAGUGAGGUCU AGAUGGUU	UGCUGUCA GCCGAAGGCGAGUGAGGUCU UGCAGAUG	ACUAGCUG GCCGAAAGGCGAGUGAGGUCU UGUCACUG
4098	4099	4100	4101	4102	4103	4104	4105	4106	4107	4108	4109	4110	4111	4112	4113	4114	4115	4116	4117	4118	4119	4120	4121	4122	4123	4124	4125	4126	4127	4128	4129	4130	4131	4132	4133	4134	4135	4136	4137
CUAGCAUU G CAGCAAGA		AGCAAGAG G UUACAUUU	CCACAAAG G UCGAGCUA	AAGGUCGA G CUAGGGGA	UAGGGGAG G CGGCGGCA	GGGAGGCG G CGGCAAUA	AGGCGGCG G CAAUAUUC	UCAUGACA G CCACCCCA	CCCACCAG G CACUUCAG	UUCCCAGA G UCCAAUUC	CGGAUCGA G CUUGGAAC	GGAAGACG G UUUGGUUU	ACGGUUUG G UUUGUGCC	UUUGGUUU G UGCCUAGU	UGGUUUGU G CCUAGUGU	UGUGCCUA G UGUCAAGA	UGCCUAGU G UCAAGAUG	AUGAGAUU G CCCUUUGC	UGCCCUUU G CCUACAAC	CCUACAAC G UGCUGGAA	UACAACGU G CUGGAAAG	GAAAGAAA G UAGUCCAA	AGAAAGUA G UCCAAUUG	AACAGAAA G UCGUACGA	AGAAAGUC G UACGAGAC	GAGACGGA G UACCCAAA	CCCAAAAU G UAAGAACG	GGGACUUU G UUAUCACA	L	ACUUCAAG G CGAGCAGG	CAAGGCGA G CAGGGUGA	CGAGCAGG G UGAUUGAC	GAUUGACA G CCGGAAGA	CCGGAAGA G UGUGAAAC	GGAAGAGU G UGAAACCA	AAGGGAGA G UGAUCCUG	AACCAUCU G CAGUGACA	CAUCUGCA G UGACAGCA	CAGUGACA G CAGCUAGU
5497	5500	5507	5524	5529	5539	5542	5545	5560	5573	5595	5641	5689	5694	5698	5700	5705	5707	5728	5735	5744	5746	5758	5761	5778	5781	5793	5804	5827	5857	5869	5873	5878	5888	5897	5899	5935	5956	5959	2962

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596A	היהוה ה שההשהשהוז	4138	GGCACTIAG GCCGAAGGCGAGTGAGGUCU UGCUGUCA	19446
5972	AGCAGCUA G UGCCGCCC	4139	GGGCGCA GCCGAAAGGCGAGUGAGGUCU UAGCUGCU	19447
5974	CAGCUAGU G CCGCCCAG	4140	CUGGGCGG GCCGAAAGGCGAGUGAGGUCU ACUAGCUG	19448
5977	CUAGUGCC G CCCAGAGA	4141		19449
5987	CCAGAGAC G UGGACGUA	4142		19450
5993	ACGUGGAC G UAUCGGUA	4143	UACCGAUA GCCGAAAGGCGAGUGAGGUCU GUCCACGU	19451
5999	ACGUAUCG G UAGAAAUC	4144	GAUTUCUA GCCGAAAGGCGAGUGAGGUCU CGAUACGU	19452
6009	AGAAAUCC G UCGCAAGU	4145	ACTUGACA GCCGAAAGGCGAGUGAGGUCU GGAUUUCU	19453
6012	AAUCCGUC G CAAGUUGG	4146	CCAACUUG GCCGAAAGGCGAGUGAGGUCU GACGGAUU	19454
6016	CGUCGCAA G UUGGUGAU	4147	AUCACCAA GCCGAAAGGCGAGUGAGGUCU UUGCGACG	19455
6020	GCAAGUUG G UGAUGAGU	4148	ACUCAUCA GCCGAAAGGCGAGUGAGGUCU CAACUUGC	19456
6027	GGUGAUGA G UACUGUUA	4149	UAACAGUA GCCGAAAGGCGAGUGAGGUCU UCAUCACC	19457
6032	UGAGUACU G UUAUGGGG	4150	CCCCAUAA GCCGAAAGGCGAGUGAGGUCU AGUACUCA	19458
6042	UAUGGGG G CACACGAA	4151	UNCGUGUG GCCGAAAGGCGAGUGAGGUCU CCCCCAUA	19459
0209	CGAACUUC G CCCAUUGG	4152	CCAAUGGG GCCGAAAGGCGAGUGAGGUCU GAAGUUCG	19460
6085	o.	4153	GAUUCGUG GCCGAAAGGCGAGUGAGGUCU CUCAGUCC	19461
9609	CGAAUCAU G CUGGACAA	4154	UNGUCCAG GCCGAAAGGCGAGUGAGGUCU AUGAUUCG	19462
6114	AUCAACAU G CCAAACGG	4155	CCGUTUGG GCCGAAAGGCGAGUGAGGUCU AUGUUGAU	19463
6130	GACUGAUC G CUCAAUUC	4156	GAAUUGAG GCCGAAAGGCGAGUGAGGUCU GAUCAGUC	19464
6150	CAACCAGA G CGUGAGAA	4157	UNCUCACO GCCGAAAGGCGAGUGAGGUCU UCUGGUUG	19465
6152	ACCAGAGC G UGAGAAGG	4158	CCUUCUCA GCCGAAAGGCGAGUGAGGUCU GCUCUGGU	19466
9190	GUGAGAAG G UAUAUACC	4159	GGUAUAUA GCCGAAAGGCGAGUGAGGUCU CUUCUCAC	19467
9819	GAAUACCG G CUCAGAGG	4160	CCUCUGAG GCCGAAAGGCGAGUGAGGUCU CGGUAUUC	19468
6222	CUGGAACU G UUGAGGAC	4161	GUCCUCAA GCCGAAAGGCGAGUGAGGUCU AGUUCCAG	19469
6232	UGAGGACU G CAGAUCUG	4162	CAGAUCUG GCCGAAAGGCGAGUGAGGUCU AGUCCUCA	19470
6240	GCAGAUCU G CCAGUUUG	4163	CAAACUGG GCCGAAAGGCGAGUGAGGUCU AGAUCUGC	19471
6244	AUCUGCCA G UUUGGCUG	4164	CAGCCAAA GCCGAAAGGCGAGUGAGGUCU UGGCAGAU	19472
6549	CCAGUUUG G CUGGCUUA	4165	UAAGCCAG GCCGAAAGGCGAGUGAGGUCU CAAACUGG	19473
6253	U	4166	CUUGUAAG GCCGAAAGGCGAGUGAGGUCU CAGCCAAA	19474
6262	CUUACAAG G UUGCAGCG	4167	CGCUGCAA GCCGAAAGGCGAGUGAGGUCU CUUGUAAG	19475
6265	ACAAGGUU G CAGCGGCU	4168	AGCCGCUG GCCGAAAGGCGAGUGAGGUCU AACCUUGU	19476
6268	AGGUUGCA G CGGCUGGA	4169	UCCAGCCG GCCGAAAGGCGAGUGAGGUCU UGCAACCU	19477
6271	UUGCAGCG G CUGGAGUG	4170	CACUCCAG GCCGAAAGGCGAGUGAGGUCU CGCUGCAA	19478
6277	CGGCUGGA G UGUCAUAC	4171	GUAUGACA GCCGAAAGGCGAGUGAGGUCU UCCAGCCG	19479
6279	GCUGGAGU G UCAUACCA	4172	UGGUAUGA GCCGAAAGGCGAGUGAGGUCU ACUCCAGC	19480
6297	GACCGGAG G UGGUGCUU	4173	AAGCACCA GCCGAAAGGCGAGUGAGGUCU CUCCGGUC	19481
6300	cegaegue e uecunuda	4174	UCAAAGCA GCCGAAAGGCGAGUGAGGUCU CACCUCCG	19482
6302	GAGGUGGU G CUUUGAUG	4175	CAUCAAAG GCCGAAAGGCGAGUGAGGUCU ACCACCUC	19483
6311	CUUUGAUG G UCCUAGGA	4176	UCCUAGGA GCCGAAAGGCGAGUGAGGUCU CAUCAAAG	19484
6349	ACAACGAA G UGGAAGUC	4177	GACTUCCA GCCGAAAGGCGAGUGAGGUCU UUCGUUGU	19485

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UCACCAMG GCCGAMAGGCGAGGGCGC OOCGOGAG
UCCUUNCA GCCGAAAGGCGAGUGAGGUCU CAAGCUUC
CAGCGCGG GCCGAAAGGCGAGUGAGGUCU
CAAUCCAG GCCGAAAGGCGAGUGAGGUCU GCCCUCAG
CACCCUGG GCCGAAAGGCGAGUGAGGUCU GUCAAUCC
CGAGUACA GCCGAAAGGCGAGUGAGGUCU CCUGGCGU
UCCGAGUA GCCGAAAGGCGAGUGAGGUCU ACCCUGGC
CUUDAGUG GCCGAAAGGCCGAGGGGCCC CUGGGGAGGGCCC
UCCUUGAA GCCGAAAGGCGAGUGAGGUCU
UCCCGAGG GCCGAAAGGCGAGUGAGGUCU GAAGUCCU
UCUGAGAA GCCGAAAGGCGAGUGAGGUCU GUUUUCCC
UCAAUGAG GCCGAAAGGCGAGUGAGGUCU CCUAUCUG
UCCCAGAA GCCGAAAGGCGAGUGAGGUCU CUCAAUGA
UGCUCAGG GCCGAAAGGCGAGUGAGGUCU AUCUUUCC
GUCAAGUG GCCGAAAGGCGAGUGAGGUCU UUCCCAUG
ACAACGUA GCCGAAAGGCGAGUGAGGUCU AUGGUGUC
AGUGGCCA GCCGAAAGGCGAGUGAGGUCU AACGUACA
UNICACUG GCCGAAAGGCGAGUGAGGUCU AGUGGCCA
UCUGUGAG GCCGAAAGGCGAGUGAGGUCU UCUUCCUC
CUCCAGGG GCCGAAAGGCGAGUGAGGUCU CAUUCUGU
GCAUCUGG GCCGAAAGGCGAGUGAGGUCU AGUUCCUC
CUGAAGAG GCCGAAAGGCGAGUGAGGUCU AUCUGGCA
AAUCAAGG GCCGAAGGCGAGUGAGGUCU AAUUGUCU
CANDAAGG GCCGAAAGGCGAGUGAGGGUCU AAUCAAGG
UCAUCACA GCCGAAAGGCGAGUGAGGUCU UCAAUAAG
GGUCAUCA GCCGAAAGGCGAGUGAGGUCU ACUCAAUA
GAAGAAUA GCCGAAAGGCGAGUGAGGUCU UCCCAUGG
UUCCGCUG GCCGAAAGGCGAGUGAGGUCU AUGAGGAG
CCCUUCCG GCCGAAAGGCGAGUGAGGUCU UGCAUGAG
UUCCAAUG GCCGAAAGGCGAGUGAGGUCU CCUUCCGC
CUCCCAAA GCCGAAAGGCGAGUGAGGUCU CUAUCUUU
AGACAGCG GCCGAAAGGCGAGUGAGGUCU CUCCCAAA
CAAGACAG GCCGAAAGGCGAGUGAGGUCU
UCCCAAGA GCCGAAAGGCGAGUGAGGUCU AGCGCCUC

UGGGGAAU G CUGAAGUC G GUGGAAUG G CUGAAGUU G GUGGAAUG G CUGAAGUU G GUGGAAUG G GUGGAAUG G GUGGAAUG G GUGGAAUG G CUGAAGUU G GUGGAAUG G CUGAAGUU G GUGGUCCU G 4224 GGAAUGUU G CUGAAGUU G GUGCUCCCU GA226 AUGUUCCU G CUGAAGUU G CAGAGAA G 4230 AUGCCUG G CUAGCCGU G CAGACAGU G CAGACAG G CAGACAGU G CAGACAG G CAGACAG G CAGACAG G CAGACAG G CAGACAG G CAGACAG G CAG	6733	CONTROL OF THE PROPERTY OF THE	4218	ASSISSION OF GRADAGE CARACTER TICC A SECTION OF THE CONTROL OF THE	19526
CUUDUUCU G UNGGAUGG 4220 CCAUCCAA GCCGAAAGGCGAGUGAGGUCU UGUUGGAUG G UUGGAUG 4221 AAGUUCAG GCCGAAAGGCGAGUGAGGUCU UGGCCGAAA GCCGAAAGGCGAAGGAGGAGUGAGUCU CGAAAGAGUC G CCGGAAAG GCCGAAAGGCGAAGGAGGAGUCAGUCU CGAAAGUC G CCGGAAAGCCGAAGGCGAAGGAGGAGUCAGUCU CGAAAGAGUC G CCGGAAAGCCGAAGGCGAAGGAGGAGUCAGUCU CGAGAAG G CCGAAAAGGCCAAGGAGGAGUCAGUCU CGAGAAG G CCGAAAAGGCCAAGGAGGAGUCAGUCU CAGAGAAG G CCGAAAAGGCCAAGGAGGAGUCAGUCU CAGAGAAG G CCGAAAAGGCCAAGGAGCAAGGAGCAAGGAGCAAGAGCCAAGGAGCAAGAGCCAAGAGAGCCAAGGACCAAGAGCCAAGAGCCAAGAGACCAAGAGCCAAGAGACCAAGAGCCAAGAGACCAAGACCAAGACCAAGAAG	6736	UGGGAGUC G CGACCUUU	4219	AAAGGUCG GCCGAAAGGCGAGUCU GACUCCCA	19527
GUUGGANG G CUGAAGUU 4221 AACUUCAG GCCGAAAAGCCAGGUGAGGUCA UGCGAAAU 4222 UCCCGGAAA GCCCAAAAGCCAAGGCCAGUGAGGUCA UGAAGUU 4224 UCCCGGAAA GCCCAAAAGCCAAGUGAGGUCA GCCGAAAAU G CCGGAAAGCCAAGGCCAGUGAGGUCA GCCGAAAAGCCAAGGCCAGUGAGGUCA GCCGAAAU G UUCCCCC 4225 AGCAGCAA GCCGAAAAGCCAAGCAGUCAGGUCA GCCGAAAU 4224 AGCAGCAA GCCGAAAAGCCCAGUGAGGUCA AUUCCUGA 4225 AGGAGCAC GCCGAAAAGCCCAGUCAGGCCAGUCAGGUCAGUCA AUUCCUGA CCAGGUCC 4229 UUCUCUCGA GCCGAAAGGCCAGUCAGGUCCA AUUCCUGA CCAGGUCC 4229 UUCUCUCGA GCCGAAAGGCCAGUCAGGCACUCAGGCACUCACA CCAGGUCC CAACGUCC 4229 UUCUCUCGA GCCGAAAGGCCAGUCAGGCACUCACACA CCAGGUCA 4221 UUCUCUCGA GCCGAAAAGGCCAGUCAGGCACUCACACACACACACACAC	6749	CUUUUUCU G UUGGAUGG	4220	CCAUCCAA GCCGAAAGGCGAGUGAGGUCU AGAAAAAG	19528
UGGCUGAA G UUCCAGGA 4222 UCCUGGAA GCCGAAAAGGCCAGUGAGGUCU CGAAGAUC 4223 CAUUCCGG GCCGAAAAGGCCAGUGAGGUCU GCGAGAUC 4225 CAUUCCGG GCCGAAAAGGCCAGUGAGGUCU GCGGGAAU 4225 CAUUCCGG GCCGAAAAGGCCAGUGAGGUCU GGAAAUUU G CUGCUUC 4226 AAGGACACA GCCGAAAGGCCAGUGAGGUCU AUGUUGCU 4226 AAGGACACA GCCGAAAGGCCAGUGAGGUCU AUGUUGCU 4227 AAUUACACA GCCGAAAGGCCAGUGAGGUCU AUGUCCUC 4228 UUCUCUCGAA GCCGAAAGGCCAGUGAGGCCAGUGAGGUCU CCAGACACA GUACCUC 4229 UUCUCUCGAA GCCGAAAGGCCAAGUGAGGCCAGUGAGGCCAGUGAGCCAGUGAGCCAGUCAGCAGUCAGCCAGUCAGU	6757	O	4221	AACTUCAG GCCGAAAGGCGAGUGAGGUCU CAUCCAAC	19529
CGAAGANUC G CCGGAANUG 4223 CAUUCCGG GCCGAAAAGGCCAGUGAGGCAGUGAGGCAGUGAGGCAGUGAGAGUCU GGCGGGANU G CUGCCCU 4224 AAGCAGAA GCCGAAAAGGCCAAGUGAGGUCU AUGUUGCU G CUCUCCU 4226 AGGGACAA GCCGAAAAGGCCAAGUGAGGUCU AUGANUGU G CUCUCCU 4226 AGGGACAG GCCGAAAAGGCCAAGUGAGGUCU AUGANUGU G CUCACUA 4227 AAUUAGCA GCCGAAAAGGCCAAGUGAGGUCU AUGCCAGA 4229 GGAAUUCU GCCGAAAAGGCCAAGUGAGGUCU AUGCCAGA 4221 GAACCUUG GCCGAAAAGGCCAAGUGAGGUCU AUGCCAGA G CAGACAGA 4221 GCGAAAAGGCCAAGUGAGGUCU CCAACGUUC 4228 GCAACGUUC GCCGAAAAGGCCAAGUGAGGUCU CCAACGUUC G CCGGAAAAGGCCAAGUGAGGCCAAGUGAGGCCAAGUGAGGCCAAGUCAAGGCCAAGUCAGGCCAAGUCAAGGCCAAGUCAGGCCAAGUCAGGCCAAGUCAAGGCCAAGUCAGGCCAAGUCAAGGCCAAGUCAAGGCCAAGUCAAGGCCAAGUCAGGCCAAGUCAAGACAAGAGGCCAAGUCAAGACAAG	6969	ပ	4222	UCCUGGAA GCCGAAAGGCGAGUGAGGUCU UUCAGCCA	19530
GECGGAAU G UUGCUGCU 4224 AGCAGCAA GCCGAAAGGCGAAUGAGGUCU GAANUGUU G CUGCUCCC 4226 GAAGGCAA GCCGAAAAGGCGAAUGAGGUCU AUGUNGCU G CUCUCCCU 4226 AAGGAGCAA AUGUNGAU G CCCGAAAAGGCGAAUGAGGUCU AAUGAGCAAAAGGCGAAUGAGGUCU AUGANUGU G CCCGAAAAGGCGAAUGAGGUCU AAUGAGCAAAAGGCGAAUGAGGUCU AUGANUGAU G UCCCGAAA 4229 UUCUCCUGA GCCGAAAAGGCGAAUGAGGUCU AUGANUGAU G CCAACAGAA 4229 UUCUCCUGA GCCGAAAAGGCGAAUGAGGUCU CAAAGCAAC G UUCCCGAA 4231 UCUCUCCAA 4231 UUCUGCAA ACCAGCUA G CUACCCGU 4231 UCUCUCCAA 4231 UCUCGCAAAAGGCGAAUGAGGCCAAUGAGGCAAUGAGGCCAACAGGCAACAGGCAACACACAC	6781	O	4223	CAUUCCGG GCCGAAAGGCGAGUGAGGUCU GAUCUUCG	19531
GGAAUGUU G CUGCUCUC 4225 GRAGAGAB GCCGAAAGGCGAGUGAGGUCA AUGUUGCU G CUCUCCCU 4226 AGGGAGAB GCCGAAAGGCGAGUGAGGUCA AUGUUGCU G CUCUCCCU 4228 AGAULAGA AUGAGAGA G CCGAAAGGCGAGUGAGGUCA 4229 AAUUAGCA AUGAGAGA G CAACGUC 4229 UUCUCUGG AUGAGAGA G CAACGUC 4229 UUCUCUGG AUGAGACA G UUCCCAGA 4231 UUCUGUCGA CCAACGUU G CAACGAGA 4232 CUCUGUCUG CAACGUU G CAGACAGA 4233 ACGGCUNG GACAACCU G CUAACCCU 4234 ACGGCUNG GCAACGUU G CAGACAGA 4234 ACGGCUNG ACCAGCU G CUACUCCUG 4234 ACGGCUNG ACCAGCU G CUACUCCUG 4234 ACGGCUNG ACCAGCU G UUCCUGAU 4235 ACGGCUNG ACCAGCU G UUCCUGAU 4234 ACGGCUNG CCUAACGC G UUCCUCAGA 4235 ACGCACAGG CCUAACGC G UUCCUCAGA 4234 ACGCCAACGG CCUAACGC G UUCCUCAGA 4234 ACGCACAGG CCUAACGC G UUCCUCAGA 4234 ACCACACGG <t< td=""><td>6849</td><td></td><td>4224</td><td>AGCAGCAA GCCGAAAGGCGAGUGAGGUCU AUUCCGGC</td><td>19532</td></t<>	6849		4224	AGCAGCAA GCCGAAAGGCGAGUGAGGUCU AUUCCGGC	19532
AUGUNGCO G CUCUCCCU 4226 AGGGAGAG GCCGAAAGGCGAGUGAGGUCU UGANGARU G CUCUAARU 4227 AAUTAGCA GCCGAAAGGCGAGUGAGGUCU UGANGARU G CUACAAGAA 4229 UUCUCUGG GCCGAAAGGCGAGUGAGGUCU AUGUCCUGA G CACAGAAA 4230 UUCGCGAA GCCGAAAGGCGAGUGAGGUCU CCAGAGAA 4231 UCUGCGAA GCCGAAAGGCGAGUGAGGUCU CCACAGCUA G CACAGUCA 4231 UCUGCGAA GCCGAAAGGCGAGUGAGGUCU GAAGCAC G UNGCCGU 4231 UCUGCGAA GCCGAAAGGCGAGUGAGGUCU GACAGCUC G CACGGUUC 4231 UCUGCGAA GCCGAAAGGCGAGUGAGGUCU ACCAGCUC G CACGGUUC 4231 UCGGCUAC GCCGAAAGGCGCAGUGACGCAGUCU ACCAGCUA G UCCCCAAAGGCCAACAGGCGCAGUGACGCAGUCCACACAGGCCAACAGGCC	6792	GGAAUGUU G CUGCUCUC	4225	GAGAGCAG GCCGAAAGGCGAGUGAGGUCU AACAUUCC	19533
UGANUGAU G GECUAAUUC 4227 AAUUAGCA GCCGAAAGGCGAGUGAGGUCA AUGANUGU G CUAAUUCC 4228 GGAAUUAG GCCGAAAGGCGAGUGAGGUCA AUGCCAGA 4229 UUCUCGG GCCGAAAGGCGAGUGAGGUCA GAACCAC CAAGGUC 4230 GAACCAUG GCCGAAAGGCGAGUGAGGUCA GAACCAC CAGACGUC 4231 UCUGCGAA 4231 UCUGCGAA GACAGGUC CAGACGUC 4233 ACCGGCAAAGGCGAGUGAGGCGCACGGCGCACGGCGCACGCA	6795	О	4226	AGGGAGAG GCCGAAAGGCGAGUGAGGUCU AGCAACAU	19534
AUGAUNGU G CUPADUCC 4228 GGAAUUNG GCCGAAAGGCGAGUGAGGCGAGUGAGGCGAGUGAGGCAGUCUGAGGCAGUCUGAGAGAGA	6817	O	4227		19535
AUTOCUGIA G CCAGAGAA 4229 UUCUCUGG GCCGAAAGGCGAGUGAGGUCA CCAGAGAA G CAACGUUC 4230 GAACGUUG GCCGAAAGGCGAGUGAGGUCA CCAGAGAA G CAACGUUC 4231 UCUGUCAA GCCGAAAGGCGAGUGAGGUCU CCACGUUC CAACGUUC 4232 UCUGUCAA GCCGAAAGGCCAGUGAGGUCU GACACGG CUGGCCAA GCCGAAAGGCCAGUGAGGUCU GCACACGG GCCGAAAGGCCAGUCAGUCA ACCAGCUA C CAGACCGG 4233 ACGGCAAA GCCGAAAGGCCAGUGAGGUCU ACCAGCUA C CUGGUUC 4234 GAACACGG GCCGAAAGGCCAGUGAGUCA AGCUACCG UUCCUGAU 4235 ACGGAACA GCCGAAAGGCCAGUCAGUCA CCUGGUUC UUCCUGAU 4235 ACGGAACA GCCGAAAGGCCAGUCAGUCA CCUGGUUC UGACCCCU 4236 ACCACAGACA GCCGAAAGGCCAAGUCAGUCA CCUGGUUC UGACCCAACA 4237 UCAUGACA CCCGAAAAGGCCAAGUCAGUCA CCUGGUUC UGACCACAC 4241 UGCCACACAGACACAAGCCAAGUCAGACAAGACAAGACA	6819	Ø	4228	GGRAUUAG GCCGAAAGGCGAGUGAGGUCU ACAAUCAU	19536
CCAGAGAA G CAACGUUC 4230 GAACGUUG GCCGAAAGGCGAGUGAGGUCU GAAGCAAC G UUCGCAGA 4231 UCUGCGAA GCCGAAAGGCGAGUGAGGUCU GAAGCAAC G UUCGCAGA 4232 UCUGCGAA GCCGAAAGGCGAGUGAGGUCU GACAGCCG G CUGACCGGU 4233 ACGGCUAG GCCGAAAGGCGAGUGAGGUCU ACCAGCUU G CUGACCGG 4234 GAACACGG GCCGAAAGGCCAGUGAGGUCU ACCAGCUU G UUCUCUGU 4234 GAACACGG GCCGAAAGGCCAGUGAGGUCU AGCUGACC G UGUCCUGA 4234 GAACACGG GCCGAAAGGCCAGUGAGGUCU CCUGAUUCU 4234 GACCAGAGG CCUGAUUCU 4235 CACCAGAAGGCCAGUGAGGCAGUCAGAGACAGCAGUCAGAGACAGCAGCAGCAGAGACAGCAGCAGAGACAGCAGC	6831	b	4229	UNCUCUGG GCCGAAAGGCGAGUGAGGUCU UCAGGAAU	19537
GANGCHAC G UNCGCAGA 4231 UCUGCGAAA GGCGAAAGGCGAGUGAGGGCUC CAACGUUC G CAGACAGA 4232 UCUGUCUG GCCGAAAGGCGAGUGAGGCUC CAACGUUC G CAGACAGA 4233 ACGGCUAG GCCGAAAGGCGAGUGAGGCUC ACCAGCUA G CUAGCCGC 4234 GAACACGG GCCGAAAGGCGAGUGAGGCC ACCAGCUA G CUGUGAU 4235 CAGGAACA ACUAGCCG G UGUUCCUG 4236 AUCAGGAA GCCGAGUGAGUCAGUCAGUCAGUCAGUCACGC CCUGAUUU G UGUCACGA 4236 AUCAGGAA GCCGAGUGAGUCAGUCAGUCAGUCACGCU CCUGAUUU G UGUCACGA 4237 UCUGUACA 4236 UGAUUUGU G UGAGCGCA 4239 UGCGCUCA GCCGAAAGGCGAGUGAGUCA CCUUGUGAA 4240 CCACUGCG GCCGAAAGGCGAGUCAGUCA CCUUGUGAA 4241 UGCCCACA GCCGAAAGGCGAGUCAGUCA CCUUGUGAA 4241 UGCCCACA GCCGAAAGGCGAGUCAGUCA CCUUGUGAA 4243 GUUCGUCA GCCGAAAGGCGAGUCAGGCAGUCAGGCACUCA CCCUGAUU G UGACCAAC 4244 CUCGUUGA GCCGAAAGGCGAGUCAGGCACUCACA CCCUGAUU G CAGCAAACAGAC GCAGCAAACAGCCAAACACAACACAAACAACAAACAAAC	6840	ტ	4230	GAACGUUG GCCGAAAGGCGAGUGAGGUCU UUCUCUGG	19538
CAACGUUC G CAGACAGA 4232 UCUGUCUG GCCGAAAGGCGAGUGAGGGUCU GACAÁCCA G CUAGCCGU 4233 ACGCUAG GCCGAAAGGCGAGUGAGGGUCU ACCAGCUA G CCGUGUUC 4234 GAACACGG GCCGAAAGGCGAGUGAGGUCU ACCAGCUA G CCGUGUU 4235 CAGGBACA GCCGAAAGGCGAGUGAGGUCU CCUGAGCCGU G UCUCUGAU 4236 AUCAGGAA GCCGAAAGGCGAGUGAGGUCU CCUGAUUU G UGUCCUGA 4237 UCAGGAA GCCGAAAGGCGAGUGAGGUCU UGAUUUGU G UGUCCUGA 4239 UCAGGAGGA 4240 CCUUGUGA 4241 UGCGCUCA GCCGAAAGGCGAGUGAGGUCU UGACCCUU G UGACGCA 4241 UGCGCUCA GCCGAAAGGCGAGUGAGGUCU UUAUGUGA C CCACUGCA GCCGAAAGGCGAGUCAGGUCU GCCGAAAGGCGAGUCAGUCACACACACACACACACACACA	6845	ဗ	4231	UCUGCGAA GCCGAAAGGCGAGUGAGGUCU GUUGCUUC	19539
GACAÁCCA G CUAGCCGU 4233 ACGGCUAG GCGAAAGGCGAGUGAGGUCA ACCAGCUA G CCGUGUUC 4234 GAACACGG GCGAAAGGCGAGUGAGGUCA AGCAGCUA G CCGUGUUC 4235 CAGGAAC AGCAGCUA G UGUUCCUG 4235 CAGGAAC CUAGCCGU G UGUUCCUGA 4236 AUCAGGAA CCUGAUUU G UGUCAUGA 4237 UCAUGACA UGAGCCGU G UGAGCGCA 4239 UCAUGACA UGAGCGCU G UGAGCGCA 4241 UGCGCUCA UGAGCGCA G CGCAAAGGCGAGUGAGGUCU 4242 CCACUGGA CCUUGUGA G CGCAGUGG 4241 UGCGCACA UUAGCCGA G CGCAAAGGCGAGUGAGGUCU 4241 UGCGCACAGGCGACCAGGACCAGGACCAGGAGCACAGGACACAGGACACAGGACACAGGAC	6849	CAACGUUC G CAGACAGA	4232	UCUGUCUG GCCGAAAGGCGAGUGAGGUCU GAACGUUG	19540
ACCAGCUA G CCGUGUUC 4234 GAACAGGA G CCGAAAGGCGAGUGAGGUCU AGCUAGCC G UGUUCCUG 4235 CAGGAACA GCCGAAAGGCGAGUGAGGUCU CUAGCCGU G UUCCUGAU 4236 AUCAGGAA GCCGAAAGGCGAGUGAGGUCU CCUGAUUU G UGUCAUGA 4237 UCAUGACA GCCGAAAGGCGAGUGAGGUCU UGAUUUGU G UCAUGACC 4239 UCAUGACA GCCGAAAGGCGAGUGAGGUCU UGACCCUU G UGAGCGCA 4241 UCAUGACA GCCGAAAGGCCAGUGAGGUCU UUGACCCUU G UGACGACA 4241 UCAUCAUGA GCCGAAAGGCCAGUGAGGUCU UUGACCCUU G UGACGAC 4241 UCACCCUG GCCGAAAGGCCAGUGAGGUCU UUGACCCUU G UGACCAAC 4241 UUGCCCAUG GCCGAAAGGCCAGUGAGGUCU UUGACCCUU G CAACGAGC 4242 GCCGAAAGGCCAGUGAGGUCU GCCGAAAGGCCAGUCAGGUCU CCAUGAUGA G CAACGAG 4244 CUAGCCAA GCCGAAAGGCCAGUGAGGUCU AUGGGUUG G CUAGAUGA 4245 CUAGCCAA GCCGAAAGGCCAGUGAGGUCU AUGGCAUAA G CAACAAAGACAAGGCCAAUGAGGCAACUGAGGUCA GCCGAAAAGGCCAACUGAGGUCA CCACUAAAGACAACAACAAAAAAAAAAAAAAAAAAAAAA	6864	O	4233	ACGCCUAG GCCGAAAGGCGAGUGAGGUCU UGGUUGUC	19541
AGCUAGCC G UGUUCCUG 4235 CAGGAACA GCCGAAAGGCGAGUGAGGUCA CUAGCCGU G UUCCUGAU 4236 AUCAGGAA GCCGAAAGGCGAGUGAGGUCA CCUGAUUU G UGUCAUGA 4237 UCAUGACA GCCGAAAGGCGAGUGAGGUCA UGAUUUUU G UGAGCGCA 4239 UGCGCUCA GCCGAAAGGCGAGUGAGGUCA UGACCCUU G UGAGCGCA 4241 UGCGCUCA GCCGAAAGGCGAGUGAGGUCA UUGUUGA G CACAGUGG 4241 UGCCACUG GCCGAAAGGCCAGUGAGGUCA UUGACCCUU G UGACCAAC 4242 GCCGAAAGGCCAGUGAGGUCA UUGACCCUU G UGACCAAC 4241 UGCCCAAAGGCCAGUGAGGUCU UUGACCAAC G CCACAGGAG GCCGAAAGGCCAGUGACGUCA GCCGAAAGGCCAAC 4242 GCCGAAAGGCCAACGGCAGUCACACACACACACACACACA	6868	Ö	4234	GAACACGG GCCGAAAGGCGAGUGAGGUCU UAGCUGGU	19542
CURGICCGU G UNCCUGAU 4236 AUCAGGAA GCCGAAAGGCGAGUGAGGUCU CCUGAUTUU G UGUCAUGA 4237 UCAUGACA GCCGAAAGGCGAGUGAGGUCU UGAUTUTUU G UGUCAUGA 4239 UCAUGACA GCCGAAAGGCGAGUGAGGUCU UGACCCUU G UGAGCGCA 4240 CCACUGCG GCCGAAAGGCGAGUGAGGUCU UUGUGAGC G CAGUGGCA 4241 UGCGCUCA GCCGAAAGGCGAGUGAGGUCU UUGUGAGC G CAGUGGCA 4241 UGCCACUG GCCGAAAGGCGAGUGAGGUCU UUGUGAGC G CAGUGGCA 4242 GGCUGCCA GCCGAAAGGCGAGUGAGGUCU UUGUGAGC G CAGCGAG 4242 GGCUCACAG GCCGAAAGGCGAGUGAGGUCU UGGCAGAUG G CAACGAG 4244 CUCGUUGG GCCGAAAGGCGAGUGAGGUCU CAGUGGCA G UGGCCAAC 4245 CUCGUUGG GCCGAAAGGCCAACGCGAGUGAGGUCU CAGAGUGG G UUGGCUAA 4245 CUCGUUGG GCCGAAAGGCCAACGCGAGUGAGGUCU CAGAGUUG G UUGGCUAA 4246 UUMUCUAG GCCGAAAGGCCAACGCGAGUGAGGCCU GACCCAAAGG GACCCAAAGGCCAACGCGAGUGAGGCCU GCCGAAAGGCCAACGCGAGUGAGGCCU GCCGAAAGGCCAACGCGAGUGAGGCCU GACCCAAAGG UUMUCUAG 4248 CAAACAAC CCCGAAAGGCCAACGCGAGUGAGGCCU CAUAAGAAU 4248 ACAAACAAC CCCGAAAAGGCCAACACGCAACACGCCAACACACACACA	6871		4235		19543
CCUGANUUG G UGUCANGA 4237 UCANGACA GCCGAAAGGCGAGUGAGGCAGUGAGGCAGUCAUUGU G UCANGACC UGANUUGU G UCANGAC 4238 GGUCAUGA GCCGAAAGGCGAGUGAGGUCA UGACCCUU G UGAGCGCA 4240 CCACUGCG GCCGAAAGGCGAGUGAGGUCA UUGAGCGCA G UGAGCGCA 4241 UGCGCUCA GCCGAAAGGCGAGUGAGGUCA UUGAGCGCA G UGGCAAC 4242 GGCUGCCAC GCGCAGUG GCCGAAAGGCGAGUGAGGUCA UUGAGCGCA G UGGCCAAC 4244 UGCCACUG GCGCAGUG GCCGAAAGGCGAGUGAGGUCA GCGCAGUG GCCGAAAGGCGAGUGAGGUCA GCGCAGUG GCCGAAAGGCGAGUGAGGUCA GCGCAGUG GCCGAAAGGCGAGUGAGGUCA GCGCAGUG GCCGAAAGGCGAGUGAGGUCA GCGCAGUG GCCGAAAGGCGAGUGAGGUCA GCGCAAUG GCCGAAAGGCGAGUGAGGUCA AUGGGUU GUAGCCAAA 4244 CUCGUGAAGCGCAGUGAGGUCA GCGCAAAAGGCGAGUGAGGUCA GCCGAAAAGGCGAGUGAGGUCA GCCGAAAAGGCGAGUGAGGUCA GACCAAAGA GUACCAAAACAA GCCGAAAAGGCGAGUGAGGUCA GACACAUAA 4248 ACAAACUA GCCGAAAAGGCGAGUGAGGCACUA GACACAUAA GCACAAAACAA CCCGAAAAGGCCAAAAGAAAAAAAAAAAAA	6873	v	4236	AUCAGGAA GCCGAAAGGCGAGUGAGGUCU ACGGCUAG	19544
UGAUUTGU G UCANGACC 4238 GGUCAUGA GCGAAAGGCGAGUGAGGCGAGUGAGGCGAGUGAGGCCA UGACCCUU G UGAGCGCA 4239 UGCGCUCA GCCGAAAGGCGAGUGAGGUCU UGAGCGCU G GCAGUGG 4240 CCACUGCG GCCGAAAGGCGAGUGAGGUCU UUGUGAGC G CAGUGGC 4241 UGCCACUG GCCGAAAGGCGAGUGAGGUCU UUGAGCGCA G UGGCAAC 4242 GGCUGCCA GCCGAAAGGCGAGUGAGGUCU GCGCAGUG G CAGCCAAC 4244 CUCGUUGG GCCGAAAGGCGAGUGAGGUCU GCGCAGUG G CAGCCAAC 4244 CUCGUUGG GCCGAAAGGCGAGUGAGGUCU CAGUGGCA G CCAACGAG CAACGAGUG GCCGAAAGGCGAGUGAGGUCU CAGAGUUG G UUGGCUAA 4244 CUCGUUGG GCCGAAAGGCGAGUGAGGUCU AUGGGUUG G UUGGCUAA 4245 CUAGCCAAA GCCGAAAGGCGAGUGAGGUCU AUGGGUUG G UUGGCAAA 4246 UUAUGUCA GCCGAAAGGCGAGUGAGGUCU GACCAAAAG G UCACAAAAGA 4248 ACAAAACUG GCCGAAAAGGCGAGUGAGGUCU GACAGUU 4249 ACAAAAAAAAGACGCGAGUGAGGCAGUGAGGCAGUCAGGAGUCAGGAGUCAGGAGUCAGGAGUCAGGAGUCAGAGAGAG	6884	CCUGAUTU G UGUCAUGA	4237	UCAUGACA GCCGAAAGGCGAGUGAGGUCU AAAUCAGG	19545
UGACCCUU G UGAGCGCA 4239 UGCGCUCA GCCGAAAGGCGAGUGAGGCGAGUGAGGCGACUGUGAGGCUCA CCUUGUGA G CGCAGUGG 4240 CCACUGCG GCCGAAAGGCGAGUGAGGCUCA UUGAGCGCA G UGGCAGC 4241 UGCCACUG GCCGAAAGGCGAGUGAGGCUCA UGAGCGCA G UGGCCAAC 4242 GGCUGCCAC GCCGAAAGGCGAGUGAGGUCA GCGCAGUG CCAACGGC GCCGAAAGGCGAGUGAGGUCA GCGCAGUG GCCGAAAGGCGAGUGAGGUCA CAGUGGCA G CAACGAG 4244 CUCGUUGG GCCGAAAGGCGAGUGAGGUCA CAGUGGCA G CAACGAGA 4244 CUCGUUGG GCCGAAAGGCGAGUGAGGUCA CAGAGUG G CUAGAUAA 4246 UUAUCUUG GCCGAAAGGCGAGUGAGGUCA AUGGGUU G UGACAUAA 4246 UUAUGUCA GCCGAAAGGCGAGUGAGGUCA GACCAAUA G CAGUUCAAAAGGCGAGUGAGGUCA GCCGAAAAGGCGAGUGAGGUCA CAAACUA GCCGAAAAGGCGAGUGAGGUCA AGCAGUU G CAGAAAGACGCAAAAGGCGAGUGAGGUCA ACAAACUA GCCGAAAAGGCGAGUGAGGUCA CAUAAGAA G UCAACAGAA 4250 UACCCCAAA CCCGAAAAGGCGAGUGAGGCACU AAAUUUCA G CAUGGAAA CCCCCAAAAGGCGAAAAGGCGAAAAGGCGAAAAGAAAA	9889	UGAUUUGU G UCAUGACC	4238	GCCGAAAGGCGAGUGAGGUCU	19546
CCCUUGUGA 4240 CCACUGGG GCCGAAAGGCGAGUGAGGGAGUGAGGGAGUGAGGCCU UUGUGAGC C CAGUGGCA 4241 UGCCACUG GCCGAAAGGCGAGUGAGGUCU UGAGCGCA G UGGCCAAC 4242 GGCUGCCA GCCGAAAGGCGAGUGAGGUCU GCGCAGUG G CAGCGAAC 4244 CUCGUUGG GCCGAAAGGCGAGUGAGGUCU CAGUGGCA G CCAACGAG 4244 CUCGUUGG GCCGAAAGGCGAGUGAGGUCU AUGGGUUG G CUAGAUAA 4246 CUAGCCAAA GCCGAAAGGCGAGUGAGGUCU AUGGGUUG G CUAGAUAA 4246 CUAGCCAAA GCCGAAAGGCGAGUGAGGUCU AUGGGUUG G CUAGAUAA 4246 UUAUGUCA GCCGAAAGGCGAGUGAGGUCU AUGCCANAA G CAGUUUGU 4248 ACAAACUG GCCGAAAGGCGAGUGAGGUCU AGCAGUU G CAGUUUGU 4248 ACAAACUG GCCGAAAGGCGAGUGAGGUCU AGCAGUU G CAGAAAGGCGAGUGAGGCAGUCAGGUCU GCCGAAAAGGCGAGUGAGGUCU GCCGAAAAGGCGAGUGAGGUCU AGCAGUU G CAAAACAG G UCAGAAAAGACGCAGUCAGGCAGUCAGGCAGUCAGGCAGUCAGGCAGUCAGGCAGUCAGGCAGUCAGGCAGUCAGGCAGUCAGGCAGUCAGGCAGUCAGGCAGUCAGGCAGUCAGGCAGUCAGGCAGUCAGGCAGUCAGGCAGUCAGGCAGG	6898	ಅ	4239		19547
UNGUIGAGC G CAGUGGCA 4241 UGCCACUG GCCGAAAGGCGAGUGAGGGAGUGAGGCCA UGAGCGCA G UGGCAGC 4242 GGCUGCCA GCCGAAAGGCGAGUGAGGUCC GCGCAGUG G CAGCCAAC 4244 GUUGGCUG GCCGAAAGGCGAGUGAGGUCC CAGUGGCA G CCAACGAG 4244 CUCGUUGG GCCGAAAGGCGAGUGAGGUCC CAGAGAUGG G UUGGCUAA 4246 CUAGCCAA CAGACAUGA G CUAGAUAA 4246 UUAUCUA GACCAAAG G UCACAUAA 4247 UUAUGUCA GACCAAAG G UCACAUAA 4248 ACAAACUG GACCAAAG G UCACAUAA 4248 ACAAACUG GACCAAAAGCCGAGUGAGGUCA 4248 ACAAACUG GACAAAGG UUGCGAAAGGCGAGUGAGGUCA CAUAAGCA UUAUGUCA 4248 AGCAGUU GCCGAAAGGCGAGUGAGGUCA AGCAGUU 4249 ACAAACUG CAAACAGA G UCAAAGAGAGCAGUGAGGCAGUGAGGUCA AGCAGUU 4250 UGCCCAAAAGGCGAGUGAGGAGUCA GAAUUUGG CAAAGAAA 4251 AUUCCUUGA GAAUUUCA 4251 AUUCCUUGA ACCGAAAAGGCGAGUGAGGAGUCA GAA	6902	Ö	4240	CCACUGCG GCCGAAAGGCGAGUGAGGUCU UCACAAGG	19548
UGAGGGCA G UGGCAGC 4242 GGCUGCCA GCGAAAGGCGAGUGAGGGAGUGAGGCCA GCGCAGUG G CAGCCAAC 4243 GUUGGCUG GCCGAAAGGCGAGUGAGGUCC CAGUGGCA G CCAACGAG 4244 CUCGUUGG GCCGAAAGGCGAGUGAGGUCC CGAGAUGG G UUGGCUAG 4245 CUAGCCAA CGAGAUGG G UUGGCUAG 4246 UUAUCUAG AUGGGUUG G CUAGAUAA 4246 UUAUGUCAG GACCAAAG G UGACAUAA 4247 UUAUGUCA GACCAAAG G UGACAUAA 4248 ACAAACUG GACCAAAG G UGACAAAGGCGAGUGAGGUCU 4248 ACAAACUG CAUAAGCA G UUGGUUUG 4249 ACAAACUG CAUAAGAC G UUUGUUU 4250 UGCCCAAAGGCGAGUGAGGUCU AGCAGUU G UUAGGAA 4250 UGCCCAAAGGCGAGUGAGGUCU AGCAGUU G UUAGGAA 4251 AUUCUUU 4251 AAAUUUCA G CAUAAGGAGAGAU 4252 CUCCCUUGA GCCGAAAGGCGAGUGAGGUCU GAAUUUCA G CUAAAGGAGAGAG 4252 CUCCCUUGA GCCGAAAAGGCGAGUGAGGCAGUCAGGAGUCAGGAGUCAGGAGUCAGGAGAGAGA	6904	O	4241	UGCCACUG GCCGAAGGCGAGUGAGGUCU GCUCACAA	19549
GCGCAGUG G CAGCCAAC 4243 GUUGGCUG GCCGAAAGGCGAGUGAGGGAGUGAGGUCU CAGUGGCA G CCAACGAG 4244 CUCGUUGG GCCGAAAGGCGAGUGAGGUCU CGAGAUGG G UUGGCUAG 4245 CUAGCCAA GCCGAAAGGCGAGUGAGGUCU AUGGGUUG G CUAGAUAA 4246 UUAUGUCA GCCGAAAGGCGAGUGAGGUCU GACCAAAG G UGACAUAA 4248 ACAAACUG GCCGAAAGGCGAGUGAGGUCU UGACAUAA G CAGUUUGU 4249 ACAAACUG GCCGAAAGGCGAGUGAGGUCU CAUAAGCA G UUUGUUUG 4250 UGCCCAAA GCCGAAAGGCGAGUGAGGUCU AGCAGUUU G UUUGUUUG 4250 UGCCCAAA GCCGAAAGGCGAGUGAGGUCU AGCAGUUU G UUUGUUUG 4251 AUUCUUUG GCCGAAAGGCGAGUGAGGUCU GAAUUUGG G CAAGGAA 4251 AUUCUUUG GCCGAAAGGCGAGUGAGGUCU GAAUUUCA G CUUGGAAG 4252 CUCCCUUGA GCCGAAAGGCGAGUGAGGUCU GAAUUUCA G CUUGGAAG 4253 CUCCCAUG GCCGAAAAGGCGAGUGAGGUCU GACUGAAA G CCGCAAAAGGCGAGUGAGGCAGUCA GCCGAAAAGGCGAGUCAAAAGCC	6907	UGAGCGCA G UGGCAGCC	4242	GGCUGCCA GCCGAAAGGCGAGUGAGGUCU UGCGCUCA	19550
CAGUGGCA G CCAACGAG 4244 CUCGUUGG GCCGAAAGGCGAGUGAGGUCU CGAGAUGG G UUGGCUAG 4245 CUAGCCAA GCCGAAAGGCGAGUGAGGUCU AUGGGUUG G CUAGAUAA 4246 UUAUCUAG GCCGAAAGGCGAGUGAGGUCU GACCAAGA G UGACAUAA 4247 UUAUGUCA GCCGAAAGGCGAGUGAGGUCU UGACAUAA G CAGUUUGU 4248 ACAAACUG GCCGAAAGGCGAGUGAGGUCU CAUAAGCA G UUUGUUUG 4249 CAAACAAA AGCAGUUU 4250 UGCCCAAA AGCAGUUU 4251 AUUCUUUG GAAUUGAG 4251 AUUCUUUG GAAUUGAG 4251 AUUCUUUG GAAUUGAG 4252 CUCCCUUGA GAAUUGAG 4253 CUCCCAUG GAAUUCA 4254 AAAAGAA AUGGGAGU 4253 CUCCCAUG GAAUUGAG UUCUUUU 4254 AUGGGAAAGGCGAAGUGAGGAGUGAGGUCU 4254 AUGGGAAAGGCGAAGUGAGGAGUGAGGUCU 4254 AUGGGAAAAGGCGAAAAGGCGAAGUGAGGUCU GACUGAAAAGCGCAAAAGGCGAAGAGAGAGAGAGAGAGAG	6910	b	4243		19551
CGAGAUGG G UUGGCUAG 4245 CUAGCCAA GCCGAAAGGCGAGUGAGGUCA AUGGGUUG G CUAGAUAA 4246 UUAUCUAG GCCGAAAGGCGAGUGAGGUCU GACCAAGA G UGACAUAA 4247 UUAUGUCA GCCGAAAGGCGAGUGAGGUCU UGACAUAA G CAGUUUGU 4248 ACAAACUG GCCGAAAGGCGAGUGAGGUCU CAUAAGCA G UUUGUUUG 4249 CAAACAAA GCCGAAAGGCGAGUGAGGUCU AGCAGUUU UUUGUUUG 4250 UGCCCAAA UUGUUUGG G CAAAGAA 4251 AUUCUUUG GCCGAAAGGCGAGUGAGGUCU GAAUUUCA G UCAAGAA 4251 AUUCUUUG GCCGAAAGGCGAGUGAGGUCU GAAUUUCA G CAUGGAAG 4252 CUCCCUUGA GCCGAAAGGCGAGUGAGGUCU GAAUUUCA G CAUGGAAG 4253 CUCCCAUG GCCGAAAGGCGAGUGAGGUCU AAGGGAAA 4254 AAAAGAAA GCCGAAAGGCGAGUGAGGUCU GACUUGAG CCCCCAUG GCCGAAAAGGCGAAAAGGCGAGUCU GACUUGAG CCCCCAUG GCCGAAAAGGCGAAGUCU GACUGAAA 4254 AAAAGAAA GCCGAAAAGGCGAAGUCU GACACAGC CCCCCAUG GCCGAAAAGGCGAAGUCACUCU GCCGAAAAGGCGAAGUCACUCU GACUGAAAAGCCGAAAAGCCGAAAAGGCGAAAAGCCGAAAAGCCCGAAAACCCGAAAACCCGAAAACCCC	6913	Ø	4244	CUCGUUGG GCCGAAAGGCGAGUGAGGUCU UGCCACUG	19552
AUGĞGUÜĞ Ğ CÜAĞANDAA 4246 UUANUCUAĞ GCCGAAAĞGCGAĞUĞAĞGUĞAĞGUÜCU GACCAAĞA Ğ UGACANDA 4247 UUANUĞUCA GCCGAAAĞGCGAĞUĞAĞGUCU UĞACAUDA Ğ CAĞUUNĞU 4248 ACAAACUĞ GCCGAAAĞGCGAĞUĞAĞĞUCU CAUAAĞCA Ğ UUNĞUNĞ 4249 CAAACAAA GCCGAAAĞGCGAĞUĞAĞĞUCU AĞCAĞUN Ğ UUNĞĞCA 4250 ÜĞCCCAAA ĞCCĞAAAĞĞGGAĞUĞAĞĞUCU ÜNĞUNÜĞĞ Ğ CAAAĞAA 4251 AUUCUUÜĞ ĞCCGAAAĞĞGGAĞUĞAĞĞUÇU ĞAAUÜÜCA 6 CUĞĞĞAĞ 4252 CUCCCUUĞA ĞCCĞAAAĞGGCĞAĞUĞAĞĞUÇU ĞAAÜÜÜCA 6 CUÜĞĞAĞ 4253 CÜCCCAUĞ ĞCCĞAAAĞĞCĞAĞUĞAĞĞĞĞCĞAĞUĞAĞĞĞUĞU ANĞĞĞĞAĞ 6 UÜUCUUÜ 4254 AAAAĞAAA ĞCCĞAAAAĞĞCĞAĞAĞUĞAĞĞÜĞÜĞ ANĞĞĞĞAĞ 6 CÜĞĞCAAA ÇCĞĞAAAĞĞĞCĞAĞAAAĞĞCĞAĞAĞAĞĞĞCĞAĞAAAĞĞCĞAĞAĞAĞĞUĞU ÇCĞAAAAĞĞCĞAĞAĞAĞĞĞCĞ COĞĞCAAC 6 CAĞCÇAAA 6 CCĞACAAAĞĞCĞ 6 CCĞAAAAĞĞCĞ 6 CCĞAAAAĞĞCĞ COĞĞCAAAÇ 6 CCĞCÇAAAAĞÇC 6 CCĞAÇAAAĞĞCĞ 6 CCĞAAAAĞCĞAĞĞAĞ	6926	ט	4245	CUAGCCAA GCCGAAAGGCGAGUGAGGUCU CCAUCUCG	19553
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UGACAUDA G CÁGUDUGU 4248 ACAAACUG GCGAAAGGCGAGUGAGGUCU CAUAAGCA G UUUGUUUG 4249 CAAACAAA GCCGAAAGGCGAGUGAGGUCU AGCAGUUU G UUUGGGCA 4250 UGCCCAAA GCCGAAAGGCGAGUGAGGUCU UUGUUUGG G CAAAGAAU 4251 AUUCCUUGA GCCGAAAGGCGAGUGAGGUCU GAAUUUCA G UCAAGGAG 4252 CUCCCUUGA GCCGAAAGGCGAGUGAGGUCU GAAUUUCA G CAUGGAG 4253 CUCCCAUG GCCGAAAGGCGAGUGAGGUCU AUGGGAGA G UUUCUUUU 4254 AAAAGAAA GACUUGAG G CCGCAAACGCCGAGUGAGGUCU GACUUGAG GCCGAAAAGGCGAGUGAGGUCU GACUUGAG G CAACAGCC 4255 GUUGCCGG GCCGAAAGGCGAGUGAGGUCU GACUUGAG G CAACAGCC 4255 GGCUGUUG GCCGAAAAGGCGAGUGAGGUCU GACUUGAG G CAACAGCC 4255 GGCUGUUG GCCGAAAAGGCGAGUGAGGUCU CGGCAAAAGGCGAAAAGGCGAAGUGAGGUCU GGCCGAAAAGGCGAAGGCGAAAAGGCGAAGUCAGGCGAAAAGGCGAAAAGGCGAAAAGGCGAAAAGGCGAAAAGGCGAAAAGGCGAAAAGGCGAAAAGGCGAAAAGGCGAAAAGGCGAAAAGGCGAAAAGGCGAAAAGGCCAAAAAGACGCAAAAAGACGCAAAAAGACGCAAAAAGACAAAAGACAAAAGACAAAAAA	6947	O	4247	UNAUGUCA GCCGAAAGGCGAGUGAGGUCU UCUUGGUC	19555
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UGAGGCCG G CAACAGCC 4256 GGCUGUUG GCCGAAAGGCGAGUGAGGUCU CGGCAAACG GCCGAAAAGGCGAGUGAGGUCU	7026	დ	4255		19563
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DOCUMENT TO
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	UNACUDUG GCCGAAAGGCGAGUGGUCU ACUAGUUG AUCCAUAA GCCGAAAGGCGAGUGAGGUCU UUUGCACU CAUGGUGA GCCGAAAGGCGAGUGAGGUCU UUUGCACU CCACUCCA GCCGAAAGGCGAGUGAGGUCU UCUCAUG CCACUCCA GCCGAAAGGCGAGUGAGGUCU UCUCCACUC GUAGAACA GCCGAAAGGCGAGUGAGGUCU AUCCACUC CUGUAGAA GCCGAAAGGCGAGUGAGGUCU ACCCACUC UCACAACA GCCGAAAGGCGAGUGAGGUCU ACCCACUC CUGUAGAA GCCGAAAGGCGAGUGAGGUCU ACCCACUC CGGUGUCA GCCGAAAGGCGAGUGAGGUCU ACCCACUC CGAUGUCA GCCGAAAGGCGAGUGAGGUCU ACCCGAAG GGGUGUCA GCCGAAAGGCGAGUGAGGUCU ACCCGAAG CGAUGUCA GCCGAAAGGCGAGUGAGGUCU UCACGAAG GCCGAAAGGCGAGUGAGGUCU ACCCGAAG CCCCACACA GCCGAAAGGCGAGUGAGGUCU UGACCGAU GCCCUCAGCA GCCGAAAGGCGAGUGAGGUCU UGACCGAU GCCCUCAGCA GCCGAAAGGCGAGUGAGGUCU CUCAGCAC GUCCUUCAA GCCGAAAGGCGAGUGAGGUCU CCCAGGCAC GUCCUCAA GCCGAAAGGCGAGUGAGGUCU CCGAAUCG GUCCUCAA GCCGAAAGGCGAGUGAGGUCU CAUUUCAA
AGUGCAAA G UDAUGGAU GGAACAUU G UCACCAUG CAUGAAGA G UGAAGUGG AGAGUGGAU G UGAAGUGG GUGGAUGH G UGUUCUAC GUGGAUGH G UGUUGUGA UUCUGAGU G UGAAGUGC CCUCCUUU G UGACACCC CCUCCUUU G UCAGAGUG AUCGGAGA G UCCUCGAC CCUCCUUU G CCCUCGACG CCUCCAAGA G UCCUCGACG CCUCCAAGA G CCCUCAGGG CCUCCAAGA G CCCCAAGGGC CCACAGGGC CCGAUCAAGA G CCCCAAGGGC CCGAUCAAGA G CCCCCAAGGGC CCGCAAUUCGG G CCCCCAAGGGC CCCCCAAGGGC G CCCCAAGGGC CCCCAAGGGC G CCCCAAGGGC CCCCAACGG G CCCCAACG CCCCAACG G CCCCAACG CCCCAACGC G CAACGCCC CCCAACGCC G CAACGCCC CCCAACCCC G CCCCAACCG CCCCCAACCC G CCCCAACCG CCCCAACCC G CAACGCCCC CCCAACCCCC G CAACGCCCCACCC CCCAACCCCC G CAACGCCCC CCCAACCCCCCCCCC	AUCCAUDA, GCCGAAAGGCGAGUGAGGUCU UUUGCACU CAUGGUGA GCCGAAAGGCGAGUGAGGUCU AAUGUUCC CCACUCCA GCCGAAAGGCGAGUGAGGUCU UCUUCAUG CACAUCCA GCCGAAAGGCGAGUGAGGUCU UCCACUCU GUAGAACA GCCGAAAGGCGAGUGAGGUCU AUCCACUC CUGUNGAA GCCGAAAGGCGAGUGAGGUCU UCCACUCC UCACAACA GCCGAAAGGCGAGUGAGGUCU UCAGAAGG UGUCACAA GCCGAAAGGCGAGUGAGGUCU UCAGAAGG GGGUGUCA GCCGAAAGGCGAGUGAGGUCU ACACCUCA CGAUGUCA GCCGAAAGGCGAGUGAGGUCU UCUCCGAU GCCCUUGA GCCGAAAGGCGAGUGAGGUCU UCUCCGAU GCCCUUGA GCCGAAAGGCGAGUGAGGUCU UCUCCGAU GCCCUUGA GCCGAAAGGCGAGUGAGGUCU CUCAGCAC CCUCAGCA GCCGAAAGGCGAGUGAGGUCU UCUCCGAU GCCCUUGA GCCGAAAGGCGAGUGAGGUCU CUCAGCAC GUCCUAUG GCCGAAAGGCGAGUGAGGUCU CUCAGCAC GUCCUAAGG GCCGAAAGGCGAGUGAGGUCU CUCAGCAC GUCCUAAG GCCGAAAGGCGAGUGAGGUCU CCCAAUCCA GUCCUAAGG GCCGAAAGGCGAGUGAGGUCU CCCAAUCCA GUCCUCAA GCCGAAAGGCGAGUGAGGUCU CGAAUCCA GUCCUCAA GCCGAAAGGCGAGUGAGGUCU CGAAUCCA
GGAACAUU G UCACCAUG CAUGAAGA G UGAAGUGG AGAGUGGA G UGAAGUGG GGGAUGAU G UGUUGUGA GUGGAUGU G UGUUGUGA UUCUGAGU G UGUUGUGA UUCUGAGU G UGUUGUGA UUCUGAGU G UCCUCGUC GAGUCCUC G UCAAGUGC CCUCCUUU G UGACAUCG GAGUCCUC G UCAAGUGC CCUCCUUU G UGACACCC CCUCCUUU G UGACACCC CCUCCUUU G UGACACCC CCUCCUUU G UGACACCC GAGUCCUC G UCAAGUGC CCUCCUCAAGU G CUCAAGUGC CCUCCAAGU G CUCAAGGAC CCUCAAGAG G UCCUCAAGG GAUGAAAUU G CUCAAGGAC GAGGACUC G CCCCAAGG GAAUUUUG G CCCCAAGG GAAUUUUG G CCCCAAGG GAAUUUUG G CCCCAAGG GAAAUUUUG G CCCCAAAGG AAUGAAGGU G CCCCAAAGU UGCCGAAA G UCCAAAGG AAGAUGGA G CCCCAACG GGUGCUCU G CCCCAACG GGUGAAGG G CCCCAACG CCCUACAA G UCAAGAGG AAGAUGGA G CCCCAACG CCCUACAA G UCAAGAGG CCCUACAA G UCAAGAGG AAGAUGGA G CCCCAACG CCCUACAA G UCAAGAGG CCAACGCC G UAAGGGGG CCAACGCC G UAAGGGGG	CAUGGUGA GCCGAAAGGCGAGUGAGGUCU AAUGUUCC CCACUCCA GCCGAAAGGCGAGUGAGGUCU UCUUCAUG CACAUCCA GCCGAAAGGCGAGUGAGGUCU UCUUCAUG GUAGAACA GCCGAAAGGCGAGUGAGGUCU AUCCACUC CUGUNGAA GCCGAAAGGCGAGUGAGGUCU ACAUCCAC UCACAACA GCCGAAAGGCGAGUGAGGUCU UCAGAAGG UGUCACAA GCCGAAAGGCCAGUGAGGUCU ACUCAGAA GGGUGUCA GCCGAAAGGCCAGUGAGGUCU ACUCAGAA GGGUGUCA GCCGAAAGGCCAGUGAGGUCU UCUCCGAU CGAUGUCA GCCGAAAGGCCAGUGAGGUCU UCUCCGAU GCCCUUGA GCCGAAAGGCCAGUGAGGUCU UUGACGAG GACCACUGA GCCGAAAGGCCAGUGAGGUCU UUGACGAG CCUCUCAA GCCGAAAGGCCAGUGAGGUCU CUCAGCCA GUCCUAUGA GCCGAAAGGCCAGUGAGGUCU CUCAGCCA GUCCUAUGA GCCGAAAGGCCAGUGAGGUCU CUCAGCAC GUCCUACA GCCGAAAGGCCAGUGAGGUCU CCUCAACAC GUCCUACA GCCGAAAGGCCAGUGAGGUCU CCUCAACAC GUCCUACA GCCGAAAGGCCAGUGAGGUCU CCGAAUCG GUCCUCAA GCCGAAAGGCCAGUGAGGUCU CCGAAUCG GUCCUCAA GCCGAAAGGCCAGUGAGGUCU CCGAAUCG
CAUGAAGA O UGGAGUGO AGAGUGGA O UGGAUGUGO GAGUGGAU O UGUUCUAC GUGGAUGU O UUCUGACA CCUUCUGA G UGUUGUGA UUCUGAGU G UGCUCGUC GAGUCCUC G UCAAGUGC CCUCCUUU G UGACAUCG AUCGGAGA G UCCUCGUC GAGUCCUC G UCAAGUGC CCUCGUCAAGU G CUCAAGUGC CGACUCGACG G CCCUCACG GAGGACUG G CUCAAGGGC GAGGACUG G CCCCUGAAA UUGAAAUUU G CGCCCAAGGG GAAUUUUGC G UGAAGGGG GACUGACC GAGGACUC G CCCCAAGGG GAAUUUUGC G UGAAGGGG GACCUCACA GGAAAGU CCCUACAA G CCCCAAAGG AAUGAAGGU G CCCCAACG GGUGCUCU G CCCCAACG GGUGCUCU G CCCCAACG GGUGCACC G CCCCAACG CCCUACAA G UCAUAGAG AAGAUGGA G CCCCAACG CCCUACAAC G CCGGAAAGU UGCCGAAA G UCAUAGAG AAGAUGGA G CCCCAACG CCCUACAAC G CCGGAAAGC CCCUACAAC G CCGGAAAGC CCCUACAAC G CCGGAAAGC CCCUACAAC G CCGGAAACC CCCUACAAC G CCGGAAACC	CCACUCCA GCCGAAAGGCGAGUGAGGUCU UCUUCAUG CACAUCCA GCCGAAAGGCGAGUGAGGUCU UCCACUCU GUAGAACA GCCGAAAGGCGAGUGAGGUCU AUCCACUC CUGUAGAA GCCGAAAGGCGAGUGAGGUCU ACAUCCAC UCACAACA GCCGAAAGGCGAGUGAGGUCU UCAGAAGG UGUCACAA GCCGAAAGGCCAGUGAGGUCU ACACACACA GGGUGUCA GCCGAAAGGCCAGUGAGGUCU ACACACACA CGAUGUCA GCCGAAAGGCCAGUGAGGUCU AACACACA CGAUGUCA GCCGAAAGGCCAGUGAGGUCU UCUCCGAU GCCCUUGA GCCGAAAGGCCAGUGAGGUCU UUGACGAG AACCUCAG AACCUCAG CCUCAACA GCCGAAAGGCCAGUGAGGUCU CUCAGCAC CCUCAGCA GCCGAAAGGCCAGUGAGGUCU CUCAGCAC GACCUCAG GCCGAAAGGCCAGUGAGGUCU CUCAGCAC CCUCUCAA GCCGAAAGGCCAGUGAGGUCU CUCAGCAC GUCCUAAGG GCCGAAAGGCCAGUGAGGUCU CUCAGCAC GUCCUAAGG GCCGAAAGGCCAGUGAGGUCU CCUCAGCAC GUCCUCAA GCCGAAAGGCCAGUGAGGUCU CCAAAUCG GUCCUCAA GCCGAAAGGCGAGUGAGGUCU CGAAUCG GUCCUCAA GCCGAAAGGCGAGUGAGGUCU CGUUCCAA
AGAGUGGAU G UGGAUGUG GAGUGGAU G UGUUCUAC GUGGAUGU G UGUUGUGA UUCUGAGU G UGUUGUGA UUCUGAGU G UGUUGUGA UUCUGAGU G UGCUCGUC GAGUCCUC G UCAAGUGC CUCGUCAAGU G UGCUGAGGU GUGCUGAG G UCCUCGAGG CGUCAAGU G CUCAAGGAC CUCGUCAAGU G CUCAAGGAC GAGUCCUC G CCCCCAAGGAC GUGCUGAG G UCCUCGAC GAGGACUG G CUCAAGGAC GAGGACUG G CUCAAGGAC GAGGACUG G CCCCCAAGGA UUGAAAUG G CUCAAGGAC GAGGACUC G CCCCCAAGGA GAAUUUUG C CCCCAAGGA GAAUUUUG C CCCCAAGGA GAAUUUUG C CCCCAACG GGUGCUCU G CCCCAACG GGUGCUCU G CCCCAACG GGUGCUCU G CCCCAACG GGUGCUCU G CCCCAACG GGUGAAGGU G CUCCCAACG GGUGAAGGU G CUCCCAACG CCCCAACGC GGUGAAGGU G CCCCAACG CCCCAACGC GGUGAAGGU G CCCCAACG CCCCAACGC CCCCAACGC CCCAACGCC CCCAACGCC CCCAACGCC CCCAACGCC CCCAACGCC CCCAACGCC CCCAACGCC CCCAACGCC CCCAACGCC CCAACGCCC CCAACCCCC CCAACCCCC CCAACCCCC CCAACCCCC CCAACCCCC CCAACCCCC CCCAACCCCC CCAACCCCC CCAACCCCCC	CACAUCCA GCCGAAAGGCGAGUGAGGUCU UCCACUCU GUAGAACA GCCGAAAGGCGAGUGAGGUCU AUCCACUC CUGUAGAA GCCGAAAGGCGAGUGAGGUCU ACAÚCCAC UCACAACA GCCGAAAGGCGAGUGAGGUCU UCAGAAGG UGUCACAA GCCGAAAGGCGAGUGAGGUCU UCAGAAGG GGGUGUCA GCCGAAAGGCGAGUGAGGUCU AACACUCA CGAUGUCA GCCGAAAGGCGAGUGAGGUCU AACACUCA GGGUGUCA GCCGAAAGGCGAGUGAGGUCU UCUCCGAU GCCCUUGA GCCGAAAGGCGAGUGAGGUCU UUGACGAG AACCUCAG CCUCAGCA GCCGAAAGGCGAGUGAGGUCU CUCAGCAC CCUCAGCA GCCGAAAGGCGAGUGAGGUCU CUCAGCAC GCCUCAGCA GCCGAAAGGCGAGUGAGGUCU CUCAGCAC CCUCAGCA GCCGAAAGGCGAGUGAGGUCU CUCAGCAC GUCCUCAAG GCCGAAAGGCGAGUGAGGUCU CUCAGCAC GUCCUCAA GCCGAAAGGCGAGUGAGGUCU CCCAAUCAC GUCCUCAA GCCGAAAGGCGAGUGAGGUCU CCGAAUCG GUCCUCAA GCCGAAAGGCGAGUGAGGUCU CGAAUCG GUCCUCAA GCCGAAAGGCGAGUGAGGUCU CGAAUCG
GAGUGGAU G UGUUCUAC GUGGAUGU G UUCUACAG GUGGAUGU G UUCUGACA UUCUGAGU G UGUGGACC CCUCCUUU G UGACACCC CCUCCUUU G UGACACCC CCUCCUCAAGU G UCCUCGUC GAGUCCUC G UCAAGUGC CUCGUCAA G UCCUCGAGG CGUCAAGU G CUCAAGGAC CGACUCAAGU G CUCAAGGAC CGACUCAAGU G CCCUCACGA GUCAAAGU G CCCUCACGA GUGCUGAC G CCCUAAGGAC CGAAUUCGG G CCCUCACGA GAAUUCGG G CCCUAAGGAC GAAUUCGG G CCCUAAGGAC GAAUUCGC G CCCCAAGGAC GAAUUCGC G CCCCAAGGAC CCCCCAAGGAC GAAUUCGC G CCCCAAGGAC GAAUUCGC G CCCCAACGAC GGGGCUCU G CCCCAACGC GGGGCUCU G CCCCAACGC GGUGCACA G CCCCAACGC GGUGCACAC G CCCCAACGC CCCCAACGC G CCCCAACGC CCAACGCC G UAUGGGGG CCAACGCC G UAUGGGGGC CAACGCCC G UAUGGGGGC CCAACGCC G UAUGGGGGC	GUAGAACA GCCGAAAGGCGAGUGAGGUCU AUCCACUC CUGUNGAA GCCGAAAGGCGAGUGAGGUCU ACAUCCAC UCACAACA GCCGAAAGGCGAGUGAGGUCU UCAGAAGG UGUCACAA GCCGAAAGGCGAGUGAGGUCU UCAGAAGG UGUCACAA GCCGAAAGGCGAGUGAGGUCU ACUCAGAA GGGUGUCA GCCGAAAGGCGAGUGAGGUCU AAAGGAG GACGAGGA GCCGAAAGGCGAGUGAGGUCU UCUCCGAU GCACUUGA GCCGAAAGGCGAGUGAGGUCU UUGACGAG CCUCAGCA GCCGAAAGGCGAGUGAGGUCU GAGGACUC CCUCAGCA GCCGAAAGGCGAGUGAGGUCU CUCAGGAC CCUCAGCA GCCGAAAGGCGAGUGAGGUCU CUCAGCAC GCCUCAGAAGGCGAGUGAGGUCU CUCAGCAC GUCCUCAA GCCGAAAGGCGAGUGAGGUCU CUCAGCAC GUCCUCAA GCCGAAAGGCGAGUGAGGUCU CUCAGCAC GUCCUCAA GCCGAAAGGCGAGUGAGGUCU CCAAAUCG GUCCUCAA GCCGAAAGGCGAGUGAGGUCU CAUUUCAA
GUGGANUGU G UUCUACAG CCUUCUGA G UGUUGUGA UUCUGAGU G UGUUGACA UUCUGAGUU G UGACACCC CCUCCUUU G UGACAUCG AUCGACAGU G UCCUCGUC GAGUCCUC G UCAAGUGC CCUCGUCAA G UCCUCGAG GUUGAAGA G CUCAAGGAC CGAUUCGA G UUCAAGGAC GAGCUGGCU G CCCCAAGGAC GAAUUCGG G UCCACCG GACUGGCU G CCCCAAGGAC GAAAUUUUG G CUCCACCG GACUGACU G CCCCAAGGAC AAAUUUUGC G UGAAGGUG GCCCGAAGG G CCCCAAGGAC GGUCCACC G GGUCACCC GGUGCUCU G CCCCAAGGAC GGUCCACA G CCCCAAGGAC GGUCCACA G CCCCAACA AAGAUGGA G CCCCAACA AAGAUGGA G CCCCAACA AAGAUGGA G CCCCAACA AAGAUGGA G CCCCAACA AAGAUGGA G CCCCAACA GCCCCAACA G CCCCAACA CCCCCAACA G CCCCAACA CCCCCAACA G CCCCAACA	CUGUAGAA GCCGAAAGGCGAGUCU ACAÚCCAC UCACAACA GCCGAAAGGCGAGUGAGGUCU UCAGAAGG UGUCACAA GCCGAAAGGCGAGUGAGGUCU UCAGAAGG UGUCACAA GCCGAAAGGCGAGUGAGGUCU ACUCAGAA GGGUGUCA GCCGAAAGGCGAGUGAGGUCU AAAGGAG GACGAGGA GCCGAAAGGCGAGUGAGGUCU UCUCCGAU GCACUUGA GCCGAAAGGCGAGUGAGGUCU UGAGGACUC CCUCAGCA GCCGAAAGGCGAGUGAGGUCU GAGGACUC CCUCAGCA GCCGAAAGGCGAGUGAGGUCU ACUGACG AACCUCAG AACCUCAG GCCGAAAGGCGAGUGAGGUCU ACUCACAC GUCCUAAG GCCGAAAGGCGAGUGAGGUCU CUCAGCAC GUCCUCAAG GCCGAAAGGCGAGUGAGGUCU CUCAGCAC GUCCUCAAG GCCGAAAGGCGAGUGAGGUCU CUCACACC GUCCUCAAG GCCGAAAGGCGAGUGAGGUCU CCUCACAC GUCCUCAA GCCGAAAGGCGAGUGAGGUCU CCGAAUCG GUCCUCAA GCCGAAAGGCGAGUGAGGUCU CAUUUCAAC
CCUUCUGA G UGUUGUGA UUCUGAGU G UGGUGACCA UGAGUGUU G UGACACCC CCUCCUUU G UGACAUCG AUCGAGA G UCCUCGUC GAGUCCUC G UCAAGUGC CCUCGUCAA G UCCUCGAG CCGUCAAGU G UUGAAGAG GUUGAAAU G UUGAAGAC CGAUUCGG G CCUCCACG GAGGACUG G CCCCAAGGG GACUGGCU G CCCCAAGGG GACUGGCU G CCCCAAGGG GACUGGCU G CCCCAAGGG GACUGACU G CCCCAAGGG GACUGACU G CCCCAAGGG GACUGACU G CCCCAAGGG GACUGACU G CCCCAAGGG AAUUUUGC G UGAAGGU GCGUGAAGG GCGUCACA GGGGCUCU G CCCCAACG AAGAUGGA G CCCCAACG AAGAUGGA G CCCCAACG AAGAUGGA G CCCCAACG AAGAUGGA G CCCCAACG CCCCAACG GGUCCAAC G CCCCAACG AAGAUGGA G CCCCAACG CCCCAACC CCCCAACG CCCCAACC CCCCCAACC CCCCAACC CCCCAACC CCCCCAACC CCCCAACC CCCCACC CCCCCACC CCCCCC	UCACAACA GCCGAAAGGCGAGUCU UCAGAAGG UGUCACAA GCCGAAAGGCGAGUGAGGUCU UCAGAAGG UGUCACAA GCCGAAAGGCGAGUGAGGUCU ACUCAGAA GGGUGUCA GCCGAAAGGCGAGUGAGGUCU AACACUCA CGAUGUCA GCCGAAAGGCGAGUGAGGUCU UCUCCGAU GCACUUGA GCCGAAAGGCGAGUGAGGUCU UGAGGACUC CCUCAGCA GCCGAAAGGCGAGUGAGGUCU UGAGGACUC CCUCAGCA GCCGAAAGGCGAGUGAGGUCU ACUGACG AACCUCAG AACCUCAG GCCGAAAGGCGAGUGAGGUCU CUCAGCAC GUCCUCAAG GCCGAAAGGCGAGUGAGGUCU CUCAGCAC GUCCUCAAG GCCGAAAGGCGAGUGAGGUCU CUCAGCAC GUCCUCAAG GCCGAAAGGCGAGUGAGGUCU CUCAGCAC GUCCUCAA GCCGAAAGGCGAGUGAGGUCU CCGAAUCG GUCCUCAA GCCGAAAGGCGAGUGAGGUCU CAUUUCAAC
UNCUGAGU G UUGUGACA UGAGUGUU G UGACACCC CCUCCUUU G UGACACCC CCUCGUCAA G UCCUGGUC GAGUCCUC G UCAAGUGC CUCGUCAAGU G CUGAGGUU GUGCUGAG G UUGAAGAG GUUGAAGA G CUCCUGAAG CCACCGAGG G CUCCUGAA UUGAAAUG G CUCCACG GAGGACUG G CCCCGAGG GACUGGCU G CCCCGAGG GACUGGCU G CCCCGAGG GACUGGCU G CCCCGAGG GACUGGCU G CCCCGAGG GACUGAAGG G CCCCGAGG GACUGAAGG G CCCCGAGG AAUUUUGC G UGAAGGU GCCCGAAGG G CCCCCACG GAGGAUUU G CCCCCACG GAGGCUCU G CCCCCACG AAGAUGGA G CCCCAACG GGUGCUCU G CCCCAACG GGUGCUCU G CCCCAACG GGUGCACG G UGAAGGU AAGAUGGA G CCCCAACG GGUCCAACG GCUCCAACG GCUCCAACG GCUCCAACG CCAACGCC G UAUGGGGG CAACGCCG G UAUGGGGG	UGUCACAA GCCGAAAGGCGAGUGAGGUCU ACUCAGAA GGGUGUCA GCCGAAAGGCGAGUGAGGUCU AACACUCA CGAUGUCA GCCGAAAGGCGAGUGAGGUCU AAAGGAGG GACGAGGA GCCGAAAGGCGAGUGAGGUCU UCUCCGAU GCACUUGA GCCGAAAGGCGAGUGAGGUCU UUGACGAG CCUCAGCA GCCGAAAGGCGAGUGAGGUCU UUGACGAG AACCUCAG GCCGAAAGGCGAGUGAGGUCU CUCAGCAC GUCUUCAA GCCGAAAGGCGAGUGAGGUCU CUCAGCAC GUCCUAUGA GCCGAAAGGCGAGUGAGGUCU CUCAGCAC GUCCUAUG GCCGAAAGGCGAGUGAGGUCU CUCAGCAC GUCCUCAAG GCCGAAAGGCGAGUGAGGUCU CUCAGCAC GUCCUCAA GCCGAAAGGCGAGUGAGGUCU CCGAAUCG GUCCUCAA GCCGAAAGGCGAGUGAGGUCU CAUUUCAAC
UGAGUGUU G UGACACCC CCUCCUUU G UGACAUCG AUCGGAGA G UCCUCGUC GAGUCCUC G UCAAGUGC CUCGUCAA G UGCUGAGG CGUCAAGU G CUGAAGAG GUUGAAGA G UUCAAGAG GUUGAAGA G CUGAAGGAC GAGGACUG G CUCCUGAA UUGAAAUG G CUGCACCG GACUGGCU G CACCGAGG GACUGGCU G CCCCAAGGGA GGAAUUUUG G CUCCAAGGGA GGAAUUUUG G CCCCAAGGGA GGAAUUUUG G CCCCAAGGGA AAUUUUGC G UGAAAGGU GCCCGAAGG G CCCCAACG AAUUUUGC G UGAAAGGU GCCCGAAGGU GCCCCAACG GGUGCUCU G CCCCAACG GGUGCUCU G CCCCAACG GGUGCUCAA G CCCCAACG AAGAUGGA G CCCCAACG AAGAUGGA G CCCCAACG CCCCAACC CCCCCAACC CCCCAACC CCCCAACC CCCCCAACC CCCCAACC CCCCCAACC CCCCAACC CCCCAACC CCCCAACC CCCCCC	GGGUGUCA GCCGAAAGGCGAGUGAGGUCU AACACUCA CGAUGUCA GCCGAAAGGCGAGUGAGGUCU AAAGGAGG GACGAGGA GCCGAAAGGCGAGUGAGGUCU UCUCCGAU GCACUUGA GCCGAAAGGCGAGUGAGGUCU UUGACGAG AACCUCAG GCCGAAAGGCGAGUGAGGUCU UUGACGAG GUCUUCAA GCCGAAAGGCGAGUGAGGUCU CUCUCAAC GUCCUAUGA GCCGAAAGGCGAGUGAGGUCU CUCUCAAC GUCCUAUGA GCCGAAAGGCGAGUGAGGUCU CUCUCAAC GUCCUAUGA GCCGAAAGGCGAGUGAGGUCU CUCUCAAC GUCCUCAA GCCGAAAGGCGAGUGAGGUCU CCGAAUCG GUCCUCAA GCCGAAAGGCGAGUGAGGUCU CCGAAUCG
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AUCGGAGA G UCCUCGUC GAGUCCUC G UCAAGUGC CUCGUCAA G UGAAGUGC CUCGUCAAG G UGAAGGUU GUGCUGAG G UUGAAGAG GUUGAAG G UUGAAGAG GUUGAAUG G UUGAAGAA UUGAAAUG G UCCUUGAA UUGAAUUU G CUCCAGGG GACUGGU G CACGAGGG GACUGGU G CACCGAGG GACUGGU G CCCAAGGGA GGAAUUUU G CGUGAAGG AAUUUUGC G UGAAGGUG GCGUGAAG G CCCUACAA AAUUUGC G UGAAGGUG GCGUGCUCU G CCCCUACAA AAGAUGGA G CUCCCAAAGU UGCCGAAA G UCAUAGAG AAGAUGGA G CUCCCAAAGG AAGAUGGA G CUCCCAACG GGUGCUCU G CCCCAAAGU UGCCGAAA G UCAUAGAG AAGAUGGA G CUCCCAACG GGUGCCCAAC G CUGCUCCAA AAGAUGGA G CUCCCAACG GCUCCAAC G CUGCUCCAA AAGAUGGA G CUCCCAACG GCUCCAAC G CUGGUAUG CCAACGCCG G UAUGGGGG	GACGAGGA GCCGAAGGCGAGUCU UCUCCGAU GCACUUGA GCCGAAAGGCGAGUGAGUCU GAGGACUC CCUCAGCA GCCGAAAGGCGAGUGAGGUCU UUGACGAG AACCUCAG GCCGAAAGGCGAGUGAGGUCU ACUUGACG CUCUUCAA GCCGAAAGGCGAGUGAGGUCU CUCAGCAC GUCCUAUG GCCGAAAGGCGAGUGAGGUCU UCUCAAC UUCAAGGA GCCGAAAGGCGAGUGAGGUCU CCGAAUCG GUCCUAUG GCCGAAAGGCGAGUGAGGUCU CCGAAUCG GUCCUCAA GCCGAAAGGCGAGUGAGGUCU CCGAAUCG
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CUCGUCAA O UGCUGAGGO CGUCAAGU G CUGAGGUU GUGCUGAG G UUGAAGAG GUUGAAGA G CAUAGGAC CGAUUCGO G UCCUUGAA UUGAAAUG G UCCUCGAGG GACUGGCU G CACCGAGG GACUGGCU G CACCGAGG GACUGGCU G CACCGAGG GACUGGCU G CCCCAAGGGA GGAAUUUU G CGUGAAGG AAUUUUGC G UGAAGGUG GCGUGAAG G CCCUACCA GGGGACUCU G CCCCUACCA GGUGCUCU G CCCCUACCA CCCUACAN G CCCCUACCA GGUGCUCU G CCCCUACCA AAGANGGA G CUCCCAACG AAGANGGA G CCCCAAAGU UGCCGAAA G UCAUAGAG AAGANGGA G CCCCAACG GGUGCCCAC GGUGCCCAC GGUGCCCAC GGUGCCCAC GGUGCCCCAC GGUGCCCCAC GGUGCCCCAC GGUGCCCCACCACG GGUGCCCCAC GGUGCCCCACG GGUGCCCCACG GGUGCCCCACG GGUGCCCCACG GGUGCCCAC GGUGCCCCACG GGUGCCCCACG GGUGCCCACG GCUCCCAACG GCUCCCAACG GCUCCCAACG GCUCCCAACG GCUCCCAACG GCGGGACUG G UCAGAAACC	CCUCAGCA GCCGAAAGGCGAGUGAGGUCU UUGACGAG AACCUCAG GCCGAAAGGCGAGUGAGGUCU ACUUGACG CUCUUCAA GCCGAAAGGCGAGUGAGGUCU CUCAGCAC GUCCUAUG GCCGAAAGGCGAGUGAGGUCU UCUUCAAC UUCAAGGA GCCGAAAGGCGAGUGAGGUCU CCGAAUCG GUCCUCAA GCCGAAAGGCGAGUGAGGUCU CAUUUCAA
CGUCCAAGU G CUGAGGUUU GUGCUGAG G UUGAAGAG GUUGAAGA G CAUAGGAC CGAUUCGG G UCCUUGAA UUGAAAUG G UUGAGGAC GAGGACUG G CACCGAGG GACUGGCU G CACCGAGG GACUGGCU G CACCGAGG GACUGGCU G CACCGAGG GAAUUUU G CGUGAAGG AAUUUUGC G UGAAGGUG GCGUGAAG G CCCUACCA GGGAAUUUU G CCCUACAC GGUGCUCU G CCCUACAA AAGAUGGA G CCCCAAAGU UGCCGAAA G UCAUAGAG AAGAUGGA G CUCCCAACG GGUGCCCAAC AAGAUGGA G CUCCCAACG AAGAUGGA G CUCCCAACG GCUCCAAC G CCGGUAUG CCAACGCCG G UAUGGGGG	AACCUCAG GCCGAAAGGCGAGUGAGGUCU ACUUGACG CUCUUCAA GCCGAAAGGCGAGUGAGGUCU CUCAGCAC GUCCUAUG GCCGAAAGGCGAGUGAGGUCU UCUUCAAC UUCAAGGA GCCGAAAGGCGAGUGAGGUCU CCGAAUCG GUCCUCAA GCCGAAAGGCGAGUGAGGUCU CAUUUCAA
GUGCUGAG G UUGAAGAG GUUGAAGA G CAUAGGAC CGAUUCGG G UCCUUGAA UUGAAUG G UUGAGGAC GAGGACUG G CUGCACCG GAGUGCU G CACCGAGG CACCGAGG G CCCAAGGGA GAAUUUU G CGUGAAGG AAUUUUGC G UGAAGGUG GCGUGAAG G CCCUACCA GGGGCUCU G CCCUACCA GGUGCUCU G CCCUACCA GGUGCUCU G CCCUACCA CCCUACAN G UCAUAGAG AAGANGGA G CUCCUACCA AAGANGGA G CUCCCAACG AAGANGGA G CUCCCAACG AAGANGGA G CUCCCAACG CCCUACAN G CCCGAAAGU UGCCGAAA G CCGGUANG CCCUACAN G CCGGUANG CCAACGCC G UANGGGGG	CUCUUCAA GCCGAAAGGCGAGUCU CUCAGCAC GUCCUAUG GCCGAAAGGCGAGUGAGGUCU UCUUCAAC UUCAAGGA GCCGAAAGGCGAGUGAGGUCU CCGAAUCG GUCCUCAA GCCGAAAGGCGAGUGAGGUCU CAUUUCAA
GUUGAAGA G CAUAGGAC CGAUUCGG G UCCUUGAA UUGAAAUG G UUGAGGAC GAGGACUG G CUGCACCG GACUGGCU G CACCGAGG CACCGAGG G CACCGAGG CACCGAGG G CACCGAGG CACCGAGG G CACCGAGG CACCGAGG G CACCGAGG AAUUUUGC G UGAAGGUG GCGUGAAG G UCCUGCC GGUGCUCU G CCCUACAA CCCUACAN G CCCUACAA CCCUACAN G CCCUACAA CCCUACAN G CCCCAAAGU UGCCGAAA G UCAUAGAG AAGANGGA G CUGCUCCA AAGANGGA G CUCCCAACG GCUCCAAC G CCGGUANG CCAACGCCG G UANGGGGG	GUCCUANG GCCGAAAGGCGAGUGAGGUCU UCUUCAAC UUCAAGGA GCCGAAAGGCGAGUGAGGUCU CCGAAUCG GUCCUCAA GCCGAAAGGCGAGUGAGGUCU CAUUUCAA
CCCUACAO G UCCUUGAA UUGAAAUG G UUGAGGAC GAGGACUG G CUCCACGAGG GACUGGCU G CACCGAGG CACCGAGG G CCAAGGGA GAAUUUUG G CUCAAGGGA GAAUUUUG G UGAAGGUG GCGUGAAG G UCCUGCC GUGAAGGU G CUCUGCC GUGAAGGU G CUCUGCC GUGAAGGU G CUCUGCC GUGAAGGU G CUCUGCC GGUGCUCU G CCCUACAA UGCCGAAA G UCAUAGAG AAGAUGGA G CUCCAACG AAGAUGGA G CUCCAACG AAGAUGGA G CUCCAACG GCUCCAAC G CUCCCAACG GCUCCCAC G UAUGGGGG	UUCAAGGA GCCGAAAGGCGAGUGAGGUCU CCGAAUCG GUCCUCAA GCCGAAAGGCGAGUGAGGUCU CAUUUCAA
UUGAAAUG G UUGAGGAC GAGGACUG G CUGCACCG GACUGGCU G CACCGAGG CACCGAGG G CACCGAGG CACCGAGG G CACCGAGG AAUUUUGC G UGAAGGUG GCGUGAAG G UGCUCUGC GUGAAGGU G CUCUGCCC GUGAAGGU G CCCCUACA CCCUACAU G CCCCUACA CCCUACAU G CCCCUACA CCCUACAU G CCCCUACA AAGAUGGA G CCCCUACA CCCUACAU G CCCCUACA GGUGCACA G CCCCUACA AAGAUGGA G CCCCUACA AAGAUGGA G CCCGUAUG CAACGCCG G UAUGGGGG	GUCCUCAA GCCGAAAGGCGAGUGAGGUCU CAUUUCAA
GAGGACUG G CUGCACCG GACUGGCU G CACCGAGG CACCGAGG G CCAAGGGA GGAAUUUU G CGUGAAGG AAUUUUGC G UGAAGGUG GCGUGAAG G UGCUCUGC GUGAAGGU G CUCUGCCC GGUGCUCU G CCCCUACA CCCUACAU G CCCCUACA CCCUACAU G CCCCUACA CCCUACAU G CCCCUACA AAGAUGGA G UCAUAGAG AAGAUGGA G CUCCAACG GCUCCAAC G CCGGUAUG CCAACGCC G UAUGGGGG	
GACUGGCU G CACCGAGG CACCGAGG G CCAAGGGA GGAAUUUU G CGUGAAGG AAUUUGC G UGAAGGUG GCGUGAAG G UGCUCUGC GUGAAGGU G CUCUGCCC GGUGCUCU G CCCUACAA CCCUACAN G CCCUACAA CCCUACAN G CCCAAAGU UGCCGAAA G UCAUAGAG AAGANGGA G CUCCCAACG AAGANGGA G CUCCCAACG GCUCCAAC G CCGGUAUG CAACGCCG G UAUGGGGG	CGGUGCAG GCCGAAAGGCGAGUGAGGUCU CAGUCCUC
CACCGAGG G CCAAGGGA GGAAUTUU G CGUGAAGG AAUTUUGC G UGAAGGUG GCGUGAAG G UGCUCUGC GUGAAGGU G CUCUGCCC GGUGCUCU G CCCUACAA CCCUACAN G CCCUACAA CCCUACAN G CCGAAAGU UGCCGAAA G UCAUAGAG AAGAUGGA G CUCCAACG AAGAUGGA G CUCCAACG GCUCCAAC G CCGGUAUG CCAACGCCG G UAUGGGGG	CCUCGGUG GCCGAAAGGCGAGUGUGU AGCCAGUC
GGAAUTUU G CGUGAAGG AAUTUUGC G UGAAGGUG GCGUGAAG G UGCUCUGC GUGAAGGU G CUCUGCCC GGUGCUCU G CCCUACAA CCCUACAN G CCCAAAGU UGCCGAAA G UCAUAGAG AAGANGGA G CUCCAACG AAGANGGA G CUCCAACG GCUCCAAC G CCGGUAUG CAACGCCG G UAUGGGGG	UCCCUUGG GCCGAAAGGCGAGUGAGGUCU CCUCGGUG
AAUUUUGC G UGAAGGUG GCGUGAAG G UGCUCUGC GUGAAGGU G CUCUGCCC GGUGCUCU G CCCUACA CCCUACAN G CCCAAAGU UGCCGAAA G UCAUAGAG AAGANGGA G CUCCAACG AUGGAGCU G CUCCAACG GCUCCAAC G CUCCAACG GCUCCAAC G CUCCAACG GCUCCAAC G CUCCAACG GCUCCAAC G CUCGUAUG CAACGCCG G UAUGGGGG	4401 CCUUCACG GCCGAAAGGCGAGUGAGGUCU AAAAUUCC 19709
GCGUGAAG G UGCUCUGC GUGAAGGU G CUCUGCCC GGUGCUCU G CCCUACA CCCUACAN G CCGAAAGU UGCCGAAA G UCAUAGAG AAGAUGGA G CUGCUCCA AUGGAGCU G CUCCAACG GCUCCAAC G CCGGUAUG CAACGCCG G UAUGGGGG	CACCUUCA GCCGAAGGCGAGGUCU GCAAAAUU
GUGAÀGGU G CUCUGCCC GGUGCUCU G CCCUACA CCCUACAN G CCGAAAGU UGCCGAAA G UCAUAGAG AAGAUGGA G CUGCUCCA AUGGÀGCU G CUCCAACG GCUCCAAC G CCGGÜAUG CAACGCCG G UAUGGGGG	4403 GCAGAGCA GCCGAAAGGCGAGUGAGGUCU CUUCACGC 19711
GGUGCUCU G CCCCUACA CCCUACAN G CCGAAAGU UGCCGAAA G UCAUAGAG AAGAUGGA G CUGCUCCA AUGGAGCU G CUCCAACG GCUCCAAC G CCGGUAUG CAACGCCG G UAUGGGGG	GGGCAGAG GCCGAAAGGCGAGUGAGGUCU ACCUUCAC
CCCUACAU G CCGAAAGU UGCCGAAA G UCAUAGAG AAGAUGGA G CUGCUCCA AUGGAGCU G CUCCAACG GCUCCAAC G CCGGUAUG CAACGCCG G UAUGGGGG	4405 UGUAGGGG GCCGAAAGGCGAGUGAGGUCU AGAGCACC 19713
UGCCGAAA G UCAUAGAG AAGAUGGA G CUGCUCCA AUGGAGCU G CUCCAACG GCUCCAAC G CCGGUAUG CAACGCCG G UAUGGGGG	4406 ACUUUCGG GCCGAAAGGCGAGUGAGGUCU AUGUAGGG 19714
AAGAUGGA G CUGCUCCA AUGGAGCU G CUCCAACG GCUCCAAC G CCGGUAUG CAACGCCG G UAUGGGGG	CUCUAUGA GCCGAAGGCGAGGGCU UUUCGGCA
AUGGAGCU G CUCCAACG GCUCCAAC G CCGGUAUG CAACGCCG G UAUGGGGG GGGACUG G UCAGAAAC	UGGAGCAG GCCGAAAGGCGAGGUCU UCCAUCUU
GCUCCAAC G CCGGUAUG CAACGCCG G UAUGGGGG GGGACUG G UCAGAAAC	4409 CGUUGGAG GCCGAAAGGCGAGUCU AGCUCCAU 19717
CAACGCCG G UAUGGGGG	CAUACCGG GCCGAAAGGCGAGUGAGGUCU GUUGGAGC
GGGGACUG G UCAGAAAC	4411 CCCCCAUA GCCGAAAGGCGAGUGAGGUCU CGGCGUUG 19719
	GUUCUGA GCCGAAAGGCGAGUGAGGUCU CAGUCCCC
8328 AAUUCCAC G CACGAGAU 4413	AUCUCGUG GCCGAAGGCGAGGUCU GUGGAAUU
8337 CACGAGAU G UAUUGGGU 4414	4414 ACCCAAUA GCCGAAAGGCGAGUGAGGUCU AUCUCGUG 19722
8344 UGUAUUGG G UGAGUCGA 4415	4415 UCGACUCA GCCGAAAGGCGAGUGAGGUCU CCAAUACA 19723
UUGGGUGA G UCGAGCUU	AAGCUCGA GCCGAAAGGCGAGGUCU UCACCCAA
8353 UGAGUCGA G CUUCAGGC 4417	4417 GCCUGAAG GCCGAAAGGCGAGUGAGGUCU UCGACUCA 19725

	SECONDAR G CAMOGOGO	4418	CCACAUUG GCCGAAAGGCGAGUGAGGUCU CUGAAGCU	19726
8365	CAGGCAAU G UGGUACAU	4419	AUGUACCA GCCGAAAGGCGAGUGAGGUCU AUUGCCUG	19727
8368	GCAAUGUG G UACAUUCA	4420	UGAAUGUA GCCGAAAGGCGAGUGAGGUCU CACAUUGC	19728
8377	UACAUUCA G UGAAUAUG	4421	CAUAUUCA GCCGAAAGGCGAGUGAGGUCU UGAAUGUA	19729
8390	UAUGACCA G CCAGGUGC	4422	GCACCUGG GCCGAAAGGCGAGUGAGGUCU UGGUCAUA	19730
8395	ccaeccae e uecuccua	4423	UAGGAGCA GCCGAAAGGCGAGUGAGGUCU CUGGCUGG	19731
8397	AGCCAGGU G CUCCUAGG	4424	CCUAGGAG GCCGAAAGGCGAGUGAGGUCU ACCUGGCU	19732
8452	AGGAAGAU G UAAACUUG	4425	CAAGUUUA GCCGAAAGGCGAGUGAGGUCU AUCUUCCU	19733
8465	CUUGGGAA G UGGAACCA	4426	UGGUUCCA GCCGAAAGGCGAGUGAGGUCU UUCCCAAG	19734
8476	GAACCAGG G CGGUGGGA	4427	UCCCACCG GCCGAAAGGCGAGUGAGGUCU CCUGGUUC	19735
8479	CCAGGGCG G UGGGAAAA	4428	UUUUCCCA GCCGAAAGGCGAGUGAGGUCU CGCCCUGG	19736
8493	AAACCCCU G CUCAACUC	4429	GAGUUGAG GCCGAAAGGCGAGUGAGGUCU AGGGGUUU	19737
8510	AGACACCA G UAAAAUCA	4430		19738
8541	CGACUCAG G CGUGAGUA	4431	UACUCACG GCCGAAAGGCGAGUGAGGUCU CUGAGUCG	19739
8543	ACUCAGGC G UGAGUACA	4432	UGUACUCA GCCGAAAGGCGAGUGAGGUCU GCCUGAGU	19740
8547	AGGCGUGA G UACAGUUC	4433	GAACUGUA GCCGAAAGGCGAGUGAGGUCU UCACGCCU	19741
8552	UGAGUACA G UUCGACGU	4434	ACGUCGAA GCCGAAAGGCGAGUGAGGUCU UGUACUCA	19742
8559	AGUUCGAC G UGGCACCA	4435	UGGUGCCA GCCGAAAGGCGAGUGAGGUCU GUCGAACU	19743
8562	UCGACGUG G CACCACGA	4436	UCGUGGUG GCCGAAAGGCGAGUGAGGUCU CACGUCGA	19744
9098	CUAUCACG G CAGUUAUG	4437	CAURACUG GCCGARAGGCGAGUGAGGUCU CGUGAUAG	19745
8609	UCACGGCA G UDAUGAUG	4438	CAUCAUAA GCCGAAAGGCGAGUGAGGUCU UGCCGUGA	19746
8617	GUUAUGAU G UGAAGCCC	4439	GGGCUUCA GCCGAAAGGCGAGUGAGGUCU AUCAUAAC	19747
8622	GAUGUGAA G CCCACAGG	4440	CCUGUGGG GCCGAAAGGCGAGUGAGGUCU UUCACAUC	19748
8630	GCCCACAG G CUCCGCCA	4441	UGGCGGAG GCCGAAAGGCGAGUGAGGUCU CUGUGGGC	19749
8635	CAGGCUCC G CCAGUUCG	4442	CGAACUGG GCCGAAAGGCGAGUGAGGUCU GGAGCCUG	19750
8639	CUCCGCCA G UUCGCUGG	4443	CCAGCGAA GCCGAAAGGCGAGUGAGGUCU UGGCGGAG	19751
8643	GCCAGUUC G CUGGUCAA	4444	UUGACCAG GCCGAAAGGCGAGUGAGGUCU GAACUGGC	19752
8647	O	4445	GCCGAAAGGCGAGUGAGGUCU	19753
8656		4446	GCCGAAAGGCGAGUGAGGUCU	19754
8659		4447	<i>вссалаваесаланаваенси</i>	19755
8664	guegucae e cuccucuc	4448	GAGAGGAG GCCGAAAGGCGAGUGAGGUCU CUGACCAC	19756
8698	UCACGAAU G UUACCACC	4449	GGUGGUAA GCCGAAAGGCGAGUGAGGUCU AUUCGUGA	19757
8710	ccaccade e ccausacu	4450	AGUCAUGG GCCGAAAGGCGAGUGAGGUCU CAUGGUGG	19758
8736	CCCUUCGG G CAGCAGCG	4451	CGCUGCUG GCCGAAAGGCGAGUGAGGUCU CCGAAGGG	19759
8739	ტ	4452	ACUCGCUG GCCGAAAGGCGAGUGAGGUCU UGCCCGAA	19760
8742	Q	4453	AACACUCG GCCGAAAGGCGAGUGAGGUCU UGCUGCCC	19261
8746	AGCAGCGA G UGUUCAAA	4454	UUUGAACA GCCGAAAGGCGAGUGAGGUCU UCGCUGCU	19762
8748	CAGCGAGU G UUCAAAGA	4455	UCUTUGAA GCCGAAAGGCGAGUGAGGUCU ACUCGCUG	19763
8761		4456	CGUGUCCA GCCGAAAGGCGAGUGAGGUCU CUUCUCUU	19764
8773	ACACGAAA G CUCCUGAA	4457	UUCAGGAG GCCGAAAGGCGAGUGAGGUCU UUUCGUGU	19765

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19766	19767	19768	19769	19770	19771	19772	19773	19774	19775	19776	19777	19778	19779	19780	19781	19782	19783	19784	19785	19786	19787	19788	19789	19790	19791	19792	19793	19794	19795	19796	19797	19798	19799	19800	19801	19802	19803	19804	19805
CCUUCUGG GCCGAAAGGCGAGUGAGGUCU GGUUCAGG	GUACTUCA GCCGAAAGGCGAGUGAGGUCU UCCUUCUG	AGCACGUA GCCGAAAGGCGAGUGAGGUCU UUCACUCC	AUUGAGCA GCCGAAAGGCGAGUGAGGUCU GUACUUCA	UCAUUGAG GCCGAAAGGCGAGUGAGGUCU ACGUACUU	GCCCACAA GCCGAAAGGCGAGUGAGGUCU CAGUUGGU	AACGCCCA GCCGAAAGGCGAGUGAGGUCU AACCAGUU	CAAAAACG GCCGAAAGGCGAGUGAGGUCU CCACAACC	GCCAAAAA GCCGAAAGGCGAGGGGCTU GCCCACAA	UUCUCUGG GCCGAAAGGCGAGUGAGGUCU CAAAAACG	UUCUGGGA GCCGAAAGGCGAGUGAGGUCU GUUUUCU	CGAGAGCA GCCGAAAGGCGAGUGAGGUCU AUUCUGGG	CUCGAGAG GCCGAAAGGCGAGUGAGGUCU ACAUUCUG	GCUGUUGA GCCGAAAGGCGAGUGAGGUCU CUUUCUUA	CUGCAUUG GCCGAAAGGCGAGGUCGU UGUUGACC	CAAAGCUG GCCGAAAGGCGAGGUGAGGUCU AUUGCUGU	ACCCAAAG GCCGAAAGGCGAGUGAGGUCU UGCAUUGC	ACAUGGCA GCCGAAAGGCGAGUGAGGUCU CCAAAGCU	AAACAUGG GCCGAAAGGCGAGGUGU ACCCAAAG	UCUUCAAA GCCGAAAGGCGAGUGAGGUCU AUGGCACC	UGAUUCUG GCCGAAAGGCGAGGUGU UCUUCAAA	CUCUGGCG GCCGAAAGGCGAGGUGU UCCUCCAU	uncucuae accepaageceagenen ecuccucc	UUCAACUG GCCGAAAGGCGAGUGAGGUCU UUCUCUGG	AUCUUCAA GCCGAAAGGCGAGUGAGGUCU UGCUUCUC	CUCAUCCA GCCGAAAGGCGAGUGAGGUCU CAUCUCCC	GCCUCGCG GCCGAAAGGCGAGUGAGGUCU UCCUCAUC	GUGCCUCG GCCGAAAGGCGAGUGAGGUCU GCUCCUCA	CAGAUGUG GCCGAAAGGCGAGUGAGGUCU CUCGCGCU	UCCCCCC GCCGAAAGGCGAGUGAGGUCU AGAUGUGC	AAGUGUGA GCCGAAAGGCGAGUGAGGUCU AUUCCCCC	UGUAAAUG GCCGAAAGGCGAGUGAGGUCU AAGUGUGA	UUUCCGAA GCCGAAAGGCGAGUGAGGUCU UCUCCGGG	UCCCUUGG GCCGAAAGGCGAGUGAGGUCU CUUUCCGA	UGGCUCUG GCCGAAAGGCGAGUGAGGUCU UUCCCUUG	CCAAAUGG GCCGAAAGGCGAGUGAGGUCU UCUGCUUC	CACAUGAA GCCGAAAGGCGAGUGAGGUCU CAAAUGGC	CCGAGCCA GCCGAAAGGCGAGUGAGGUCU AUGAACCA	GCUCCGAG GCCGAAAGGCGAGGUCU CACAUGAA	AAAGCGAG GCCGAAAGGCGAGUGAGGUCU UCCGAGCC
4458	4459	4460	4461	4462	4463	4464	4465	4466	4467	4468	4469	4470	4471	4472	4473	4474	4475	4476	4477	4478	4479	4480	4481	4482	4483	4484	4485	4486	4487	4488	4489	4490	4491	4492	4493	4494	4495	4496	4497
CCUGAACC G CCAGAAGG	CAGAAGGA G UGAAGUAC	GGAGUGAA G UACGUGCU	UGAAGUAC G UGCUCAAU	AAGUACGU G CUCAAUGA	ACCAACUG G UUGUGGGC	AACUGGUU G UGGGCGUU	geurauga a canvurua	vueveesc e vuvvuesc	CGUUUUUG G CCAGAGAA	AGAAAAC G UCCCAGAA	CCCAGAAU G UGCUCUCG	CAGAAUGU G CUCUCGAG	UAAGAAAG G UCAACAGC	GGUCAACA G CAAUGCAG	ACAGCAAU G CAGCUUUG	GCAAUGCA G CUUUGGGU	AGCUUUGG G UGCCAUGU	CUUUGGGU G CCAUGUUU	GGUGCCAU G UUUGAAGA	UUUGAAGA G CAGAAUCA	AUGGAGGA G CGCCAGAG	GGAGGAGC G CCAGAGAA	CCAGAGAA G CAGUUGAA	GAGAAGCA G UUGAAGAU	GGGAGAUG G UGGAUGAG	GAUGAGGA G CGCGAGGC	UGAGGAGC G CGAGGCAC	AGCGCGAG G CACAUCUG	GCACAUCU G CGGGGGA	GGGGGAAU G UCACACUU	UCACACUU G CAUUUACA	CCCGGAGA G UUCGGAAA	UCGGAAAG G CCAAGGGA	CAAGGGAA G CAGAGCCA	GAAGCAGA G CCAUUGG	GCCAUUUG G UUCAUGUG	UGGUUCAU G UGGCUCGG	uncaudud a cucadado	Gecuceda e cucecuuu
8784	8794	8799	8803	8805	8826	8829	8833	8835	8842	8855	8865	8867	8893	8900	8905	8908	8915	8917	8922	8931	8948	8950	8959	8962	8989	9000	2006	2006	9015	9056	9035	8206	8806	9098	9103	9111	9117	9120	9127

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19806	19807	19808	19809	19810	19811	19812	19813	19814	19815	19816	19817	19818	19819	19820	19821	19822	19823	19824	19825	19826	19827	19828	19829	19830	19831	19832	19833	19834	19835	19836	19837	19838	19839	19840	19841	19842	19843	19844	19845
GCCGAAAGGCGAGUGAGGUCU	GCCUCGAA GCCGAAAGGCGAGUGAGGUCU UCCAGAAA	ACCCAGAG GCCGAAAGGCGAGUGAGGUCU CUCGAACU	UGAGAAAA GCCGAAAGGCGAGUGAGGUCU CCAGAGCC	CUUCCAAG GCCGAAAGGCGAGUGAGGUCU CAGUGGUC	CCUCGACA GCCGAAAGGCGAGUGAGGUCU CUCCUCCU	GCCCUCGA GCCGAAAGGCGAGUGAGGUCU ACCUCCUC	GGCCCAAG GCCGAAAGGCGAGUGAGGUCU CCUCGACA	UUUGGAGG GCCGAAAGGCGAGUGAGGUCU CCAAGCCC	GGAUGUAA GCCGAAAGGCGAGUGAGGUCU CCAGUUUU	ACUUCACG GCCGAAAGGCGAGUGAGGUCU AGGAUGUA	CAACUUCA GCCGAAAGGCGAGUGAGGUCU GCAGGAUG	GGUGCCAA GCCGAAAGGCGAGUGAGGUCU UUCACGCA	GCCGGGUG GCCGAAAGGCGAGUGAGGUCU CAACUUCA	CCCCCAGG GCCGAAAGGCGAGUGAGGUCU CGGGUGCC	AGAUCUUG GCCGAAAGGCGAGUGAGGUCU CCCCAGGC	GUCAUCAG GCCGAAAGGCGAGUGAGGUCU AUAGAUCU	CCAGCCAG GCCGAAAGGCGAGUGAGGUCU UGUGUCAU	UGUCCCAG GCCGAAAGGCGAGUGAGGUCU CAGCUGUG	UCGUGAUG GCCGAAAGGCGAGUGAGGUCU GGGUGUCC	CAAGUCAG GCCGAAAGGCGAGUGAGGUCU UCUCGUGA	CACCUUAG GCCGAAAGGCGAGUGAGGUCU UUCAUUUU	CUCAAGCA GCCGAAAGGCGAGUGAGGUCU CUUAGCUU	AGCUCAAG GCCGAAAGGCGAGUGAGGUCU ACCUUAGC	UCAAGCAG GCCGAAAGGCGAGUGAGGUCU UCAAGCAC	CCAUCAAG GCCGAAAGGCGAGUGAGGUCU AGCUCAAG	GCCGAAAGGCGAGUGAGGUCU	UGGCAAGA GCCGAAAGGCGAGUGUGU GCCGAUGU	GECCCUGG GCCGAAAGGCGAGUGAGGUCU AAGACGCC	AAUGAUGG GCCGAAAGGCGAGUGAGGUCU CCUGGCAA	UAGGUGAG GCCGAAAGGCGAGUGAGGUCU UCAAUGAU	CUUJGUGA GCCGAAAGGCGAGUGAGGUCU GAUAGGUG	UUUCACAA GCCGAAAGGCGAGUGAGGUCU UUUGUGAC	CACUTUCA GCCGAAAGGCGAGUGAGGUCU AACUTUGU	GCGCAUCA GCCGAAAGGCGAGUGAGGUCU UUUCACAA	GCCGGGCG GCCGAAAGGCGAGUGAGGUCU AUCACUUU	CAGCCGGG GCCGAAAGGCGAGUGAGGUCU GCAUCACU	AUCAGCAG GCCGAAAGGCGAGUGAGGUCU CGGGCGCA	UCCAUCAG GCCGAAAGGCGAGUGAGGUCU AGCCGGGC	AUCCAUGA GCCGAAAGGCGAGGGGCUCU GGUUCUUC
4498	4499	4500	4501	4502	4503	4504	4505	4506	4507	4508	4509	4510	4511	4512	4513	4514	4515	4516	4517	4518	4519	4520	4521	4522	4523	4524	4525	4526	4527	4528	4529	4530	4531	4532	4533	4534	4535	4536	4537
0	UUUCUGGA G UUCGAGGC	AGUUCGAG G CUCUGGGU	Gecucues s www.cuca	GACCACUG G CUUGGAAG	AGGAGGAG G UGUCGAGG	GAGGAGGU G UCGAGGGC	UGUCGAGG G CUUGGGCC	GGGCUUGG G CCUCCAAA	AAAACUGG G UUACAUCC	UACAUCCU G CGUGAAGU	CAUCCUGC G UGAAGUUG	UGCGUGAA G UUGGCACC	ngaaguug e caccege	GCCACCCG G CCUGGGGG	GCCUGGGG G CAAGAUCU	AGAUCUAU G CUGAUGAC	AUGACACA G CUGGCUGG	CACAGCUG G CUGGGACA	GGACACCC G CAUCACGA	UCACGAGA G CUGACUUG	AAAAUGAA G CUAAGGUG	AAGCUAAG G UGCUUGAG	acuaaggu a cuugagcu	GUGCUUGA G CUGCUUGA	CUUGAGCU G CUUGAUGG	GAACAUCG G CGUCUUGC	ACAUCGGC G UCUUGCCA	GGCGUCUU G CCAGGGCC	G	AUCAUUGA G CUCACCUA	CACCUAUC G UCACAAAG	GUCACAAA G UUGUGAAA	ACAAAGUU G UGAAAGUG		AAAGUGAU G CGCCGGC	AGUGAUGC G CCCGGCUG	nececce e cnecneyn	есссвеси в сламивам	GAAGAACC G UCAUGGAU
9131	9141	9148	9155	9177	9203	9205	9212	9218	9233	9243	9245	9250	9254	9261	9269	9280	9292	9536	9308	9319	9337	9343	9345	9351	9354	9372	9374	9379	3886	9336	9407	9415	9418	9424	9429	9431	9436	9439	9454

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9463	UCAUGGAU G UUAUCUCC	4538	GGAGAUAA GCCGAAAGGCGAGUGAGGUCU AUCCAUGA	19846
9491	GAGGGGGA G UGGACAAG	4539	CUIGUCCA GCCGAAAGGCGAGUGAGGUCU UCCCCCUC	19847
9499	GUGGACAA G UUGUCACC	4540	GGUGACAA GCCGAAAGGCGAGUGAGGUCU UUGUCCAC	19848
9502	GACAAGUU G UCACCUAC	4541	GUAGGUGA GCCGAAAGGCGAGUGAGGUCU AACUUGUC	19849
9511	UCACCUAC G CCCUAAAC	4542	GUUUAGGG GCCGAAAGGCGAGUGAGGUCU GUAGGUGA	19850
9535	CCAACCUG G CCGUCCAG	4543	CUGGACGG GCCGAAAGGCGAGUGAGGUCU CAGGUUGG	19851
9538	ACCUGGCC G UCCAGCUG	4544	CAGCUGGA GCCGAAAGGCGAGUGAGGUCU GGCCAGGU	19852
9543	GCCGUCCA G CUGGUGAG	4545	CUCACCAG GCCGAAAGGCGAGUGAGGUCU UGGACGGC	19853
9547	UCCAGCUG G UGAGGAUG	4546	CAUCCUCA GCCGAAAGGCGAGUGAGGUCU CAGCUGGA	19854
9571	GGGAAGGA G UGAUUGGC	4547	GCCAAUCA GCCGAAAGGCGAGUGAGGUCU UCCUUCCC	19855
9238	AGUGAUUG G CCCAGAUG	4548	CAUCUGGG GCCGAAAGGCGAGUGAGGUCU CAAUCACU	19856
9589	CAGAUGAU G UGGAGAAA	4549	UUUCUCCA GCCGAAAGGCGAGUGAGGUCU AUCAUCUG	19857
9622	GACCCAAA G UCAGGACC	4550	GEUCCUGA GCCGAAAGGCGAGUGAGGUCU UUUGGGUC	19858
9633	AGGACCUG G CUGUUUGA	4551	UCAAACAG GCCGAAAGGCGAGUGAGGUCU CAGGUCCU	19859
9636	ACCUGGCU G UUUGAGAA	4552	UUCUCAAA GCCGAAAGGCGAGUGAGGUCU AGCCAGGU	19860
9662	AAGACUCA G CCGCAUGG	4553	ccaugcgg gccgaaaggcgagugaggucu ugagucuu	19861
9665	ACUCAGCC G CAUGGCUG	4554	CAGCCAUG GCCGAAAGGCGAGUGAGGUCU GGCUGAGU	19862
9670	eccecade e cuencaeu	4555	ACUGACAG GCCGAAGCGAGUGAGGUCU CAUGCGGC	19863
9673	GCAUGGCU G UCAGUGGA	4556	UCCACUGA GCCGAAAGGCGAGUGAGGUCU AGCCAUGC	19864
627	GGCUGUCA G UGGAGAUG	4557	CAUCUCCA GCCGAAAGGCGAGUGAGGUCU UGACAGCC	19865
6896	AGAUGACU G UGUGGUAA	4558	UVACCACA GCCGAAAGGCGAGUGAGGUCU AGUCAUCU	19866
9691	AUGACUGU G UGGUAAAG	4559	CUUUACCA GCCGAAAGGCGAGUGAGGUCU ACAGUCAU	19861
9694	ACUGUGUG G UAAAGCCC	4560	GGGCUTUTA GCCGAAAGGCGAGUGAGGUCU CACACAGU	19868
6696	ტ	4561	UCCAGGGG GCCGAAAGGCGAGUGAGGUCU UUUACCAC	19869
9713	GGACGAUC G CUUUGCCA	4562	UGGCAAAG GCCGAAAGGCGAGUGAGGUCU GAUCGUCC	19870
9718	AUCGCUUU G CCACCUCG	4563	CGAGGUGG GCCGAAAGGCGAGUGAGGUCU AAAGCGAU	19871
9726	GCCACCUC G CUCCACUU	4564	AAGUGGAG GCCGAAAGGCGAGUGAGGUCU GAGGUGGC	19872
9742	UCCUCAAU G CUAUGUCA	4565	UGACAUAG GCCGAAAGGCGAGUGAGGUCU AUUGAGGA	19873
9747		4566	GCCGAAAGGCGAGUGAGGUCU	19874
9754	UGUCAAAG G UUCGCAAA	4567	GCCGAAAGGCGAGUGAGGUCU	19875
9758		4568		19876
9774	AUCCAAGA G UGGAAACC	4569	GGUUUCCA GCCGAAAGGCGAGUGAGGUCU UCUUGGAU	19877
9783	UGGAAACC G UCAACUGG	4570	CCAGUUGA GCCGAAAGGCGAGUGAGGUCU GGUUUCCA	19878
9795	ACUGGAUG G UAUGAUUG	4571	CAAUCAUA GCCGAAAGGCGAGUGAGGUCU CAUCCAGU	19879
9804	UAUGAUUG G CAGCAGGU	4572	ACCUGCUG GCCGAAAGGCGAGUGAGGUCU CAAUCAUA	19880
9807	GAUUGGCA G CAGGUUCC	4573	GGAACCUG GCCGAAAGGCGAGUGAGGUCU UGCCAAUC	19881
9811	GGCAGCAG G UUCCAUUU	4574	AAAUGGAA GCCGAAAGGCGAGUGAGGUCU CUGCUGCC	19882
9821	UCCAUUUU G CUCAAACC	4575	GGUUUGAG GCCGAAAGGCGAGUGAGGUCU AAAAUGGA	19883
9868	GAACACUG G UGGUUCCA	4576	UGGAACCA GCCGAAAGGCGAGUGAGGUCU CAGUGUUC	19884
9871	cacuagua a uuccaugc	4577	GCAUGGAA GCCGAAAGGCGAGUGAGGUCU CACCAGUG	19885

9878	GGITTCCALL G CCGAGGAC	4578	GICCIICAG GCCGAAAAGCGAGUGAGGUCU AUGGAACC	19886
9898	ס ס	4579	UCUGCCUA GCCGAAAGGCGAGUGAGGUCU CAAUUCAU	19887
9902	AUUGGUAG G CAGAGCUC	4580	GAGCUCUG GCCGAAAGGCGAGUGAGGUCU CUACCAAU	19888
6066	UAGGCAGA G CUCGCAUA	4581	UAUGCGAG GCCGAAAGGCGAGUGAGGUCU UCUGCCUA	19889
9911	CAGAGCUC G CAUAUCUC	4582	GAGAUAUG GCCGAAAGGCGAGUGAGGUCU GAGCUCUG	19890
9925	CUCCAGGG G CCGGAUGG	4583	CCAUCCGG GCCGAAAGGCGAGUGAGGUCU CCCUGGAG	19891
9937	GAUGGAAC @ UCCGCGAC	4584	GUCGCGGA GCCGAAAGGCGAGUGAGGUCU GUUCCAUC	19892
9941	GAACGUCC G CGACACUG	4585	CAGUGUCG GCCGAAAGGCGAGUGAGGUCU GGACGUUC	19893
9949	GCGACACU G CUUGUCUG	4586	CAGACAAG GCCGAAAGGCGAGUGAGGUCU AGUGUCGC	19894
9953	CACUGCUU G UCUGGCUA	4587	UAGCCAGA GCCGAAAGGCGAGUGAGGUCU AAGCAGUG	19895
9958	COUGUCUG G CUAAGUCU	4588	AGACTUTAG GCCGAAAGGCGAGGGGCU CAGACAAG	19896
9963	CUGGCUAA G UCUUAUGC	4589	GCAUPAGA GCCGAAAGGCGAGUGAGGUCU UUAGCCAG	19897
9970	AGUCUUAU G CCCAGAUG	4590	CAUCUGGG GCCGAAAGGCGAGUGAGGUCU AUAAGACU	19898
9978	GCCCAGAU @ UGGCUGCU	4591	AGCAGCCA GCCGAAAGGCGAGUGAGGUCU AUCUGGGC	19899
9981	CAGAUGUG G CUGCUUCU	4592	AGAAGCAG GCCGAAAGGCGAGUGAGGUCU CACAUCUG	19900
9984	AUGUGGCU G CUUCUGUA	4593	UACAGAAG GCCGAAAGGCGAGUGAGGUCU AGCCACAU	19901
0666	CUGCUUCU G UACUUCCA	4594	UGGAAGUA GCCGAAAGGCGAGUGAGGUCU AGAAGCAG	19902
1001	AGAGACCU G CGGCUCAU	4595	AUGAGCCG GCCGAAAGGCGAGUGAGGUCU AGGUCUCU	19903
10014	GACCUGCG G CUCAUGGC	4596	GCCAUGAG GCCGAAAGGCGAGUGAGGUCU CGCAGGUC	19904
1001	GGCUCAUG G CCAACGCC	4597	GGCGUUGG GCCGAAAGGCGAGUGAGGUCU CAUGAGCC	19905
10027	UGGCCAAC G CCAUUUGC	4598	GCAAAUGG GCCGAAAGGCGAGUGAGGUCU GUUGGCCA	19906
10034	CGCCAUUU G CUCCGCUG	4599	CAGCGGAG GCCGAAAGGCGAGUGAGGUCU AAAUGGCG	19907
10039	UNGCUCC & CUGUCCCU	4600	AGGGACAG GCCGAAAGGCGAGUGAGGUCU GGAGCAAA	19908
10042	GCUCCGCU G UCCCUGUG	4601	CACAGGGA GCCGAAAGGCGAGUGAGGUCU AGCGGAGC	19909
10048	CUGUCCCU G UGAAUUGG	4602	CCAAUUCA GCCGAAAGGCGAGUGAGGUCU AGGGACAG	19910
10057	UGAAUUGG G UCCCUACC	4603	GGUAGGGA GCCGAAAGGCGAGUGAGGUCU CCAAUUCA	119911
1001	AGAACCAC G UGGUCCAU	4604	AUGGACCA GCCGAAAGGCGAGUGAGGUCU GUGGUUCU	19912
10080	ACCACGUG G UCCAUCCA	4605	UGGAUGGA GCCGAAAGGCGAGUGAGGUCU CACGUGGU	19913
10090	CCAUCCAU G CAGGAGGA	4606	UCCUCCUG GCCGAAAGGCGAGUGAGGUCU AUGGAUGG	19914
10101	GGAGGAGA G UGGAUGAC	4607	GUCAUCCA GCCGAAAGGCGAGUGAGGUCU UCUCCUCC	19915
10122	GAGGACAU G UUGGAGGU	4608	ACCUCCAA GCCGAAAGGCGAGUGAGGUCU AUGUCCUC	19916
10129	испивсяв в испесалс	4609	GUUCCAGA GCCGAAAGGCGAGUGAGGUCU CUCCAACA	19917
10139	CUGGAACC G UGUUGGA	4610	GCCGAAAGGCGAGUGAGGUCU	19918
10141	GGAACCGU G UUUGGAUA	4611	UAUCCAAA GCCGAAAGGCGAGUGAGGUCU ACGGUUCC	19919
10183	AAACCCCA G UGGAGAAA	4612	UUUCUCCA GCCGAAAGGCGAGUGAGGUCU UGGGGUUU	19920
10196	GAAAUGGA G UGACGUCC	4613	GGACGUCA GCCGAAAGGCGAGUGAGGUCU UCCAUUUC	19921
10201	GGAGUGAC G UCCCAUAU	4614	AUAUGGGA GCCGAAGGCGAGUGAGGUCU GUCACUCC	19922
10233	аасаисив в ививссав	4615	CUGCCACA GCCGAAGGCGAGUGAGGUCU CAGAUGUC	19923
10235	CAUCUGGU G UGGCAGCC	4616	GGCUGCCA GCCGAAAGGCGAGUGAGGUCU ACCAGAUG	19924
10238	cueguada a caaccuaa	4617	UCAGGCUG GCCGAAAGGCGAGUGAGGUCU CACACCAG	19925
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10241	GUGUGGCA G CCUGAUUG	4618	CAAUCAGG GCCGAAAGGCGAGGGGCUCU UGCCACAC	19926
10250		4619	CUCUUGUG GCCGAAAGGCGAGUGAGGUCU CAAUCAGG	19927
10258	GCACAAGA G CCCGAGCC	4620	GGCUCGGG GCCGAAAGGCGAGUGAGGUCU UCUUGUGC	19928
10264	GAGCCCGA G CCACGUGG	4621	CCACGUGG GCCGAAAGGCGAGGUCU UCGGGCUC	19929
10269	CGAGCCAC G UGGGCAGA	4622	UCUGCCCA GCCGAAAGGCGAGUGAGGUCU GUGGCUCG	19930
10273	CCACGUGG G CAGAAAAC	4623	GUUUUCUG GCCGAAAGGCGAGUGAGGUCU CCACGUGG	19931
10288	ACAUCCAG G UGGCUAUC	4624	GAUAGCCA GCCGAAAGGCGAGUGAGGUCU CUGGAUGU	19932
10291	UCCAGGUG G CUAUCAAC	4625	GUUGAUAG GCCGAAAGGCGAGUGAGGUCU CACCUGGA	19933
10303	UCAACCAA G UCAGAGCA	4626	UGCUCUGA GCCGAAAGGCGAGUGAGGUCU UUGGUUGA	19934
10309	AAGUCAGA G CAAUCAUC	4627	GAUGAUUG GCCGAAAGGCGAGUGAGGUCU UCUGACUU	19935
10329	GAUGAGAA G UAUGUGGA	4628	UCCACAUA GCCGAAAGGCGAGUGAGGUCU UUCUCAUC	19936
10333	AGAAGUAU G UGGAUUAC	4629	GUAAUCCA GCCGAAAGGCGAGUGAGGUCU AUACUUCU	19937
10346	UUACAUGA G UUCACUAA	4630	UUAGUGAA GCCGAAAGGCGAGUGAGGUCU UCAUGUAA	19938
10378	CAACUUUG G UUGAGGAC	4631	GUCCUCAA GCCGAAAGGCGAGUGAGGUCU CAAAGUUG	19939
10390	AGGACACA G UACUGUAG	4632	CUACAGUA GCCGAAAGGCGAGUGAGGUCU UGUGUCCU	19940
10395	ACAGUACU G UAGAUAUU	4633	AAUAUCUA GCCGAAAGGCGAGUGAGGUCU AGUACUGU	19941
10413	AAUCAAUU G UAAAUAGA	4634	UCUAUUUA GCCGAAAGGCGAGUGAGGUCU AAUUGAUU	19942
10430	CAAUAUAA G UAUGCAUA	4635	UAUGCAUA GCCGAAAGGCGAGUGAGGUCU UUAUAUUG	19943
10434	AUAAGUAU G CAUAAAAG	4636	CUUUNAUG GCCGAAAGGCGAGUGAGGUCU AUACUUAU	19944
10442	GCAUAAAA G UGUAGUUU	4637	AAACUACA GCCGAAAGGCGAGUGAGGUCU UUUUAUGC	19945
10444	AUNAAAGU G UAGUUUUA	4638	UAAAACUA GCCGAAAGGCGAGUGAGGUCU ACUUUUAU	19946
10447	AAAGUGUA G UUUUAUAG	4639	CUAUAAAA GCCGAAAGGCGAGUGAGGUCU UACACUUU	19947
10455	GUUUNAUA G UAGUAUUU	4640	AAAUACUA GCCGAAAGGCGAGUGAGGUCU UAUAAAAC	19948
10458	UNAUAGUA G UAUUUAGU	4641	ACUADADA GCCGADAGGCGAGUGAGGUCU UACUADAA	19949
10465	AGUAUUUA G UGGUGUUA	4642	UPACACCA GCCGAAAGGCGAGUGAGGUCU UAAAUACU	19950
10468	AUUUAGUG G UGUUAGUG	4643	CACUAACA GCCGAAAGGCGAGUGAGGUCU CACUAAAU	19951
10470	UNAGUGGU G UNAGUGUA	4644		19952
10474	UGGUGUUA G UGUAAAUA	4645	UAUTUACA GCCGAAAGGCGAGUGAGGUCU UAACACCA	19953
10476	GUGUUAGU G UAAAUAGU	4646	ACUAUUUA GCCGAAAGGCGAGUGAGGUCU ACUAACAC	19954
10483	UGUAAAUA G UUAAGAAA	4647		19955
10506	AGGAGAAA G UCAGGCCG	4648	CGGCCUGA GCCGAAAGGCGAGUGAGGUCU UUUCUCCU	19956
10511	AAAGUCAG G CCGGGAAG	4649	CUUCCCGG GCCGAAAGGCGAGUGAGGUCU CUGACUUU	19957
10519	GCCGGGAA G UUCCCGCC	4650	GGCGGGAA GCCGAAAGGCGAGUGAGGUCU UUCCCGGC	19958
10525	AAGUUCCC G CCACCGGA	4651	UCCGGUGG GCCGAAAGGCGAGUGAGGUCU GGGAACUU	19959
10535	CACCGGAA G UUGAGUAG	4652	CUACUCAA GCCGAAAGGCGAGUGAGGUCU UUCCGGUG	19960
10540	GAAGUUGA G UAGACGGU	4653	ACCGUCUA GCCGAAAGGCGAGUGAGGUCU UCAACUUC	19961
10547	AGUAGACG G UGCUGCCU	4654	AGGCAGCA GCCGAAAGGCGAGUGAGGUCU CGUCUACU	19962
10549	UAGACGGU G CUGCCUGC	4655	GCAGGCAG GCCGAAAGGCGAGUGAGGUCU ACCGUCUA	19963
10552	ACGGUGCU G CCUGCGAC	4656	GUCGCAGG GCCGAAAGGCGAGUGAGGUCU AGCACCGU	19964
10556	UGCUGCCU G CGACUCAA	4657	UUGAGUCG GCCGAAAGGCGAGUGAGGUCU AGGCAGCA	19965

	19967	19968	19969	19970	19971	19972	19973	19974	19975	19976	19977	19978	19979	19980	19981	19982	19983	19984	19985	19986	19987	19988	19989	19990	19991	19992	19993	19994	19995	19996	19997	19998	19999	20000	20001	20002	20003	20004	20005
UUUGUUCA GCCGAAAGGCGAGGCCU CCAGUCCU	CUICGCGG GCCGAAAGGCGAGUGAGGUCU UUUGUUCA	UCACUUCG GCCGAAAGGCGAGUGAGGUCU GGCUUUGU	AUGGAUCA GCCGAAAGGCGAGUGAGGUCU UUCGCGGC	AGGGCUUA GCCGAAAGGCGAGUGAGGUCU AUGGAUCA	UCUGAGGG GCCGAAAGGCGAGUGAGGUCU UUACAUGG	UUCCGAGA GCCGAAAGGCGAGUGAGGUCU GGUUCUGA	AGUUACAA GCCGAAAGGCGAGUGAGGUCU AUGUGGGG	UGAAGUUA GCCGAAAGGCGAGUGAGGUCU AACAUGUG	ACAUUGGG GCCGAAAGGCGAGUGAGGUCU UUUGAAGU	UGGUCUGA GCCGAAAGGCGAGUGAGGUCU AUUGGGCU	CGCCGUAG GCCGAAAGGCGAGUGAGGUCU GUGGUCUG	GUAGCACG GCCGAAAGGCGAGUGAGGUCU CGUAGCGU	GAGUAGCA GCCGAAAGGCGAGUGAGGUCU GCCGUAGC	CAGAGUAG GCCGAAAGGCGAGUGAGGUCU ACGCCGUA	ACUCUCCG GCCGAAAGGCGAGUGAGGUCU AGAGUAGC	AGACUGCA GCCGAAAGGCGAGUGAGGUCU UCUCCGCA	GCAGACUG GCCGAAAGGCGAGUGAGGUCU ACUCUCCG	AUCGCAGA GCCGAAAGGCGAGUGAGGUCU UGCACUCU	CACUAUCG GCCGAAAGGCGAGUGAGGUCU AGACUGCA		GCCGAAAGGCGAGUGAGGUCU	UUUGUUAA GCCGAAAGGCGAGUGAGGUCU CCAGUCCU	UUGGUUUG GCCGAAAGGCGAGUGAGGUCU CUUUGUUA	GCGUGGGG GCCGAAAGGCGAGUGAGGUCU GUUGGUUU	UAGGGCCG GCCGAAAGGCGAGUGAGGUCU GUGGGGCG	GGCUAGGG GCCGAAAGGCGAGUGAGGUCU CGCGUGGG			GGUUAACA GCCGAAAGGCGAGUGAGGUCU CAUUACCG	CUGGUUAA GCCGAAAGGCGAGUGAGGUCU ACCAUUAC	UCCUTUCE GCCGAAAGGCGAGUGAGGUCU CCUGGUUA	UCCUCUAA GCCGAAAGGCGAGUGAGGUCU CUCUAGUC	GCCGAAAGGCGAGUGAGGUCU	ACUUUAAA GCCGAAAGGCGAGUGAGGUCU CGCGGGGU	GCCGUGCA GCCGAAAGGCGAGUGAGGUCU UUUAAACC	GGGCCGUG GCCGAAAGGCGAGUGAGGUCU ACUUUAAA	AGGCUGGG GCCGAAAGGCGAGUGAGGUCU CGUGCACU	CAGUCAGO GCCGAAAGGCGAGUGAGGUCU UGGGCCGU	ACCUACAG GCCGAAAGGCGAGUGAGGUCU UUCAGUCA
4658	4659	4660	4661	4662	4663	4664	4665	4666	4667	4668	4669	4670	4671	4672	4673	4674	4675	4676	4677	4678	4679	4680	4681	4682	4683	4684	4685	4686	4687	4688	4689	4690	4691	4692	4693	4694	4695	4696	4697
AGGACUGG G UGAACAAA	UGAACAAA G CCGCGAAG	ACAAAGCC G CGAAGUGA	GCCGCGAA G UGAUCCAU	UGAUCCAU G UAAGCCCU	CCAUGUAA G CCCUCAGA	UCAGAACC G UCUCGGAA	CCCCACAU G UUGUAACU	CACAUGUU G UAACUUCA	ACUUCAAA G CCCAAUGU	AGCCCAAU G UCAGACCA	CAGACCAC G CUACGGCG	ACGCUACG G CGUGCUAC	GCUACGGC G UGCUACUC	UACGGCGU G CUACUCUG	GCUACUCU G CGGAGAGU	UGCGGAGA G UGCAGUCU	CGGAGAGU G CAGUCUGC	AGAGUGCA G UCUGCGAU	UGCAGUCU G CGAUAGUG	CUGCGAUA G UGCCCCAG	GCGAUAGU G CCCCAGGA	AGGACUGG G UUAACAAA	UPACAPAG G CAPACCAA	AAACCAAC G CCCCACGC	CGCCCCAC G CGGCCCUA	CCCACGCG G CCCUAGCC	CGGCCCUA G CCCCGGUA	UAGCCCCG G UAAUGGUG	CGGUAAUG G UGUUAACC	GUAAUGGU G UUAACCAG	UAACCAGG G CGAAAGGA	GACUAGAG G UUAGAGGA	GAGACCCC G CGGUUUAA	ACCCCCCC G UUUAAAGU	GGUUUAAA G UGCACGGC	UUUAAAGU G CACGGCCC	AGUGCACG G CCCAGCCU	ACGGCCCA G CCUGACUG	UGACUGAA G CUGUAGGU
10580	10589	10592	10597	10606	10610	10622	10645	10648	10659	10666	10676	10682	10684	10686	10694	10701	10703	10706	10710	10716	10718	10734	10744	10754	10761	10764	10770	10776	10782	10784	10794	10809	10824	10827	10834	10836	10841	10846	10857

Table V

10860	CUGAAGCU G UAGGUCAG	4698	CUGACCUA GCCGAAAGGCGAGUGAGGUCU AGCUUCAG	20006
10864	AGCUGUAG G UCAGGGGA	4699	UCCCCUGA GCCGAAAGGCGAGUGAGGUCU CUACAGCU	20007
10883	GACUAGAG G UUAGUGGA	4700	UCCACUAA GCCGAAAGGCGAGUGAGGUCU CUCUAGUC	20008
10887	AGAGGUUA G UGGAGACC	4701	GGUCUCCA GCCGAAAGGCGAGUGAGGUCU UAACCUCU	20009
10898	GAGACCCC G UGCCACAA	4702	UNGUGGCA GCCGAAAGGCGAGUGAGGUCU GGGGUCUC	20010
10900	GACCCCGU G CCACAAAA	4703	UUUUGUGG GCCGAAAGGCGAGUGAGGUCU ACGGGGUC	20011
10924	ACAAAACA G CAUAUUGA	4704	UCAAUAUG GCCGAAAGGCGAGUGAGGUCU UGUUUGU	20012
10960	GAUCUUCU G CUCUGCAC	4705	GUGCAGAG GCCGAAAGGCGAGUGAGGUCU AGAAGAUC	20013
10965	UCUGCUCU G CACAACCA	4706	UGGUUGUG GCCGAAAGGCGAGUGAGGUCU AGAGCAGA	20014
10974	CACAACCA G CCACACGG	4707	CCGUGUGG GCCGAAAGGCGAGUGAGGUCU UGGUUGUG	20015
10982	GCCACACG G CACAGUGC	4708	GCACUGUG GCCGAAAGGCGAGUGAGGUCU CGUGUGGC	20016
10987	ACGGCACA G UGCGCCGA	4709	UCGGCGCA GCCGAAAGGCGAGUGAGGUCU UGUGCCGU	20017
10989	GGCACAGU G CGCCGACA	4710	UGUCGGCG GCCGAAAGGCGAGUGAGGUCU ACUGUGCC	20018
10991	CACAGUGC G CCGACAAU	4711	AUTGUCGG GCCGAAAGGCGAGUGAGGUCU GCACUGUG	20019
11001	CGACAAUG G UGGCUGGU	4712	ACCAGCCA GCCGAAAGGCGAGUGAGGUCU CAUUGUCG	20020
11004	CAAUGGUG G CUGGUGGU	4713	ACCACCAG GCCGAAAGGCGAGUGAGGUCU CACCAUUG	20021
11008	GEOGGEUG G UGGUGEGA	4714	UCGCACCA GCCGAAAGGCGAGUGAGGUCU CAGCCACC	20022
11011	весиваив в ивсемва я	4715	UUCUCGCA GCCGAAAGGCGAGUGAGGUCU CACCAGCC	20023
11013	CUGGUGGU G CGAGAACA	4716	UGUUCUCG GCCGAAAGGCGAGUGAGGUCU ACCACCAG	20024

Input Sequence = AF196835. Cut Site = G/Y Arm Length = 8. Core Sequence = GCcgaaagGCGaGuCaaGGuCu AF196835 West Nile virus strain NY99-flamingo382-99, complete genome

Table VI: WNV DNAzyme and Target Sequence

Pos	Substrate	Seq ID	DNAzyme Sequence	Seq ID
142	CUGUCAAU A UGCUAAAA	20	TTTTAGCA GGCTAGCTACAACGA ATTGACAG	20025
196	AGAGGGCU A UGUUGAGC	26	GCTCAACA GGCTAGCTACAACGA AGCCCTCT	20026
228	GGGCCAAU A CGAUUUGU	29	ACAAATCG GGCTAGCTACAACGA ATTGGCCC	20027
379	CCAGUGCU A UCAAUCGG	53	CCGATTGA GGCTAGCTACAACGA AGCACTGG	20028
469	GAGCAGUU A CCCUCUCU	63	AGAGAGGG GGCTAGCTACAACGA AACTGCTC	20029
514	UAAAUGCU A CUGACGUC	70	GACGTCAG GGCTAGCTACAACGA AGCATTTA	20030
564	AAGAACCU A UGCAUUGU	76	ACAATGCA GGCTAGCTACAACGA AGGTTCTT	20031
593	UGUGGGAU A CAUGUGCG	79	CGCACATG GGCTAGCTACAACGA ATCCCACA	20032
607	GCGAUGAU A CUAUCACU	80	AGTGATAG GGCTAGCTACAACGA ATCATCGC	20033
610	AUGAUACU A UCACUUAU	81	ATAAGTGA GGCTAGCTACAACGA AGTATCAT	20034
617	UAUCACUU A UGAAUGCC	84	GGCATTCA GGCTAGCTACAACGA AAGTGATA	20035
689	AGCAGUCU A CGUCAGGU	92	ACCTGACG GGCTAGCTACAACGA AGACTGCT	20036
698	CGUCAGGU A UGGAAGAU	94	ATCTTCCA GGCTAGCTACAACGA ACCTGACG	20037
824	CACAAGGU A UUUGGUAA	101	TTACCAAA GGCTAGCTACAACGA ACCTTGTG	20038
866	CCCUGGAU A UGCCCUGG	108	CCAGGGCA GGCTAGCTACAACGA ATCCAGGG	20039
939	GUCGUGCU A UUGCUUUU	117	AAAAGCAA GGCTAGCTACAACGA AGCACGAC	20040
962	CCCAGCUU A CAGCUUCA	123	TGAAGCTG GGCTAGCTACAACGA AAGCTGGG	20041
1063	GCGUGACU A UCAUGUCU	136	AGACATGA GGCTAGCTACAACGA AGTCACGC	20042
1084	ACAAGCCU A CCAUCGAU	140	ATCGATGG GGCTAGCTACAACGA AGGCTTGT	20043
1108	UGAUGAAU A UGGAGGCG	142	CGCCTCCA GGCTAGCTACAACGA ATTCATCA	20044
1142	CCGCAGUU A UUGCUAUU	146	AATAGCAA GGCTAGCTACAACGA AACTGCGG TAGCCAAA GGCTAGCTACAACGA AGCAATAA	20045
1148	UUAUUGCU A UUUGGCUA AUUUGGCU A CCGUCAGC	148	GCTGACGG GGCTAGCTACAACGA AGCCAAAT	20048
1287	UGCGGAUU A UUUGGCAA	161	TTGCCAAA GGCTAGCTACAACGA AATCCGCA	20047
1333	CCUGCUCU A CCAAGGCA	168	TGCCTTGG GGCTAGCTACAACGA AGAGCAGG	20049
1369	AAGAGAAU A UCAAGUAC	172	GTACTIGA GGCTAGCTACAACGA ATTCTCTT	20050
1376	UAUCAAGU A CGAAGUGG	174	CCACTTCG GGCTAGCTACAACGA ACTTGATA	20051
1408	GACCAACU A CUGUGGAG	180	CTCCACAG GGCTAGCTACAACGA AGTTGGTC	20052
1430	CGGAAACU A CUCCACAC	182	GTGTGGAG GGCTAGCTACAACGA AGTTTCCG	20053
1493	GCCUUCAU A CACACUAA	192	TTAGTGTG GGCTAGCTACAACGA ATGAAGGC	20054
1514	UGGAGAAU A UGGAGAGG	195	CCTCTCCA GGCTAGCTACAACGA ATTCTCCA	20055
1568	CAAUGCAU A CUACGUGA	198	TCACGTAG GGCTAGCTACAACGA ATGCATTG	20056
1571	UGCAUACU A CGUGAUGA	199	TCATCACG GGCTAGCTACAACGA AGTATGCA	20057
1657	CUGGAAGU A CUGUGUGG	211	CCACACAG GGCTAGCTACAACGA ACTTCCAG	20058
1871	AACAACCU A UGGCGUCU	239	AGACGCCA GGCTAGCTACAACGA AGGTTGTT	20059
1952	AUUGCAGU A CACUGGCA	254	TGCCAGTG GGCTAGCTACAACGA ACTGCAAT	20060
1984	AAGUUCCU A UCUCGUCA	258	TGACGAGA GGCTAGCTACAACGA AGGAACTT	20061
2114	AGACUCAU A CAUAGUGG	282	CCACTATG GGCTAGCTACAACGA ATGAGTCT	20062
2191	AAGCCUUU A CAACCACC	291	GGTGGTTG GGCTAGCTACAACGA AAAGGCTT	20063
2532	GUGUUCAU A CACAAUGA	343	TCATTGTG GGCTAGCTACAACGA ATGAACAC	20064
2564	GGACCGGU A CAAGUAUU	345	AATACTTG GGCTAGCTACAACGA ACCGGTCC	20065
2570	GUACAAGU A UUACCCUG	346	CAGGGTAA GGCTAGCTACAACGA ACTTGTAC	20066
2573	CAAGUAUU A CCCUGAAA	348	TTTCAGGG GGCTAGCTACAACGA AATACTTG	20067
2640	UGCGGUCU A CGAUCAGU	356	ACTGATCG GGCTAGCTACAACGA AGACCGCA	20068
2759	GGGAAUGU A CAAGUCAG	370	CTGACTTG GGCTAGCTACAACGA ACATTCCC	20069
2833	GAAAGAGU A UUUUAUUU	376	AAATAAAA GGCTAGCTACAACGA ACTCTTTC	20070
2838	AGUAUUUU A UUUGCACC	380	GGTGCAAA GGCTAGCTACAACGA AAAATACT	20071
3068	CCUGUCCU A UUGGAUUG	413	CAATCCAA GGCTAGCTACAACGA AGGACAGG	20072
3094	UCAAUGAU A CGUGGAAG	417	CTTCCACG GGCTAGCTACAACGA ATCATTGA	20073
3139	AAUCAUGU A CGUGGCCU	423	AGGCCACG GGCTAGCTACAACGA ACATGATT	20074
3157	AGACGCAU A CCUUGUGG	424	CCACAAGG GGCTAGCTACAACGA ATGCGTCT	20075
3198	UUGAUAAU A CCAGUCAC	430	GTGACTGG GGCTAGCTACAACGA ATTATCAA	20076
3248	ACCUGGGU A CAAGACAC	434	GTGTCTTG GGCTAGCTACAACGA ACCCAGGT	20077
3305	CUUCGAUU A CUGCCCAG	440	CTGGGCAG GGCTAGCTACAACGA AATCGAAG	20078
3319	CAGGAACU A CGGUCACC	441	GGTGACCG GGCTAGCTACAACGA AGTTCCTG	20079
3423	UGCACCUU A CCACCACU	448	AGTGGTGG GGCTAGCTACAACGA AAGGTGCA	20080
3437	ACUGCGCU A CCAAACUG	449	CAGTTTGG GGCTAGCTACAACGA AGCGCAGT	20081
3461	CUGUUGGU A UGGUAUGG	451	CCATACCA GGCTAGCTACAACGA ACCAACAG	20082

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	Table

3466	GGUAUGGU A UGGAGAUC	452	GATCTCCA GGCTAGCTACAACGA ACCATACC	20083
3527	GAAUGCUU A UAAUGCUG	457	CAGCATTA GGCTAGCTACAACGA AAGCATTC	20084
3538	AUGCUGAU A UGAUUGAC	459	GTCAATCA GGCTAGCTACAACGA ATCAGCAT	20085
3634	UGCCAGCU A UACUGAUU	476	AATCAGTA GGCTAGCTACAACGA AGCTGGCA	20086
3636	CCAGCUAU A CUGAUUGC	477	GCAATCAG GGCTAGCTACAACGA ATAGCTGG	20087
3673	GGGGCAUU A CUUACACU	485	AGTGTAAG GGCTAGCTACAACGA AATGCCCC	20088
3677	CAUUACUU A CACUGAUG	487	CATCAGTG GGCTAGCTACAACGA AAGTAATG	20089
3690	GAUGUGUU A CGCUAUGU	489	ACATAGCG GGCTAGCTACAACGA AACACATC	20090
3695	GUUACGCU A UGUCAUCU	490	AGATGACA GGCTAGCTACAACGA AGCGTAAC	20091
3750	GACGUGGU A CACUUGGC	501	GCCAAGTG GGCTAGCTACAACGA ACCACGTC	20092
3780	UUCAAGAU A CAACCAGU	506	ACTGGTTG GGCTAGCTACAACGA ATCTTGAA	20093
3793	CAGUGUUU A UGGUGGCA	509	TGCCACCA GGCTAGCTACAACGA AAACACTG	20094
3878	AAUGGCUU A UCACGAUG	528	CATCGTGA GGCTAGCTACAACGA AAGCCATT	20095
3951	UGGAUGAU A CUGAGAGC	539	GCTCTCAG GGCTAGCTACAACGA ATCATCCA	20096
4046	GGAUGUGU A CAGGAUAC	551	GTATCCTG GGCTAGCTACAACGA ACACATCC	20097
4053	UACAGGAU A CUGCUGUU	552	AACAGCAG GGCTAGCTACAACGA ATCCTGTA	20098
4134	AGUCUGCU A UGCUUGGC	559	GCCAAGCA GGCTAGCTACAACGA AGCAGACT	20099
4321	CAAUGACU A UCGCGGGG	584	CCCCGCGA GGCTAGCTACAACGA AGTCATTG	20100
4372	CAACAGAU A UGUGGAUU	596	AATCCACA GGCTAGCTACAACGA ATCTGTTG	20101
4423	CAGAAAUU A CAGGCUCG	602	CGAGCCTG GGCTAGCTACAACGA AATTTCTG	20102
4509	UGGAAGAU A UGGAUGCU	611	AGCATCCA GGCTAGCTACAACGA ATCTTCCA	20103
4547	UAGUGCGU A CACCCCCU	618	AGGGGTG GGCTAGCTACAACGA ACGCACTA	20104
4601	UCUCCAAU A CACAAAGA	630	TCTTTGTG GGCTAGCTACAACGA ATTGGAGA	20105
4649	AAAGGAGU A CAAAAAGG	634	CCTTTTG GGCTAGCTACAACGA ACTCCTTT	20106
4679	CGGCGUCU A CAGGAUCA	636	TGATCCTG GGCTAGCTACAACGA AGACGCCG	20107
4712	CGGCAGUU A UCAAGCAG	641	CTGCTTGA GGCTAGCTACAACGA AACTGCCG	20108
4765	UUUGGCAU A CAACAAAA	650	TTTTGTTG GGCTAGCTACAACGA ATGCCAAA	20109
4814	GGACCCAU A CUGGGGCA	653	TGCCCCAG GGCTAGCTACAACGA ATGGGTCC	20110
4847	ACUUUGUU A CGGAGGAC	659	GTCCTCCG GGCTAGCTACAACGA AACAAAGT	20111
5060	UGGGCUUU A UGGCAAUG	678	CATTGCCA GGCTAGCTACAACGA AAAGCCCA	20112
5093	CGGCUCAU A CAUAAGCG	682	CGCTTATG GGCTAGCTACAACGA ATGAGCCG	20113
5184	AUCACUGU A CUGGAUCU	689	AGATCCAG GGCTAGCTACAACGA ACAGTGAT	20114
5339	CAUCCGGU A CCAGACAU	702	ATGTCTGG GGCTAGCTACAACGA ACCGGATG	20115
5404	GUCAUGCU A CCCUCACC	709	GGTGAGGG GGCTAGCTACAACGA AGCATGAC	20116
5447	GCCGAACU A CAACCUGU	714	ACAGGTTG GGCTAGCTACAACGA AGTTCGGC	20117
5510	AAGAGGUU A CAUUUCCA	724	TGGAAATG GGCTAGCTACAACGA AACCTCTT	20118
5550	GCGGCAAU A UUCAUGAC	730	GTCATGAA GGCTAGCTACAACGA ATTGCCGC	20119
5619	UCCGACUU A CAGACUGA	745	TCAGTCTG GGCTAGCTACAACGA AAGTCGGA	20120
5657	CUCUGGAU A CGAAUGGA	750	TCCATTCG GGCTAGCTACAACGA ATCCAGAG	20121
5675	CACAGAAU A CACCGGGA	752	TCCCGGTG GGCTAGCTACAACGA ATTCTGTG	20122
5739	CUUUGCCU A CAACGUGC	762	GCACGTTG GGCTAGCTACAACGA AGGCAAAG	20123
5783	AAAGUCGU A CGAGACGG	767	CCGTCTCG GGCTAGCTACAACGA ACGACTTT	20123
5795	GACGGAGU A CCCAAAAU	768	ATTTTGGG GGCTAGCTACAACGA ACTCCGTC	
5830	ACUUUGUU A UCACAACA	774	TGTTGTGA GGCTAGCTACAACGA ACTCCGTC	20125
5844	ACAGACAU A UCUGAAAU			20126
	GUGGACGU A UCGGUAGA	776	ATTTCAGA GGCTAGCTACAACGA ATGTCTGT	20127
5995		787	TCTACCGA GGCTAGCTACAACGA ACGTCCAC	20128
6029	UGAUGAGU A CUGUUAUG	793	CATAACAG GGCTAGCTACAACGA ACTCATCA	20129
6035	GUACUGUU A UGGGGGGC	795	GCCCCCCA GGCTAGCTACAACGA AACAGTAC	20130
6140	UCAAUUCU A CCAACCAG	806	CTGGTTGG GGCTAGCTACAACGA AGAATTGA	20131
6162	GAGAAGGU A UAUACCAU	807	ATGGTATA GGCTAGCTACAACGA ACCTTCTC	20132
6164	GAAGGUAU A UACCAUGG	808	CCATGGTA GGCTAGCTACAACGA ATACCTTC	20133
6166	AGGUAUAU A CCAUGGAU	809	ATCCATGG GGCTAGCTACAACGA ATATACCT	20134
6182	UGGGGAAU A CCGGCUCA	810	TGAGCCGG GGCTAGCTACAACGA ATTCCCCA	20135
6257	GCUGGCUU A CAAGGUUG	820	CAACCTTG GGCTAGCTACAACGA AAGCCAGC	20136
6284	AGUGUCAU A CCACGACC	823	GGTCGTGG GGCTAGCTACAACGA ATGACACT	20137
6416	CAGGGUGU A CUCGGAUC	838	GATCCGAG GGCTAGCTACAACGA ACACCCTG	20138
6551	CACCAUGU A CGUUGUGG	858	CCACAACG GGCTAGCTACAACGA ACATGGTG	20139
6645	AUUGCCUU A UUGAGUGU	868	ACACTCAA GGCTAGCTACAACGA AAGGCAAT	20140
6669	AUGGGAGU A UUCUUCCU	870	AGGAAGAA GGCTAGCTACAACGA ACTCCCAT	20141
7049	GUCACUGU A CGCUGUGA	934	TCACAGCG GGCTAGCTACAACGA ACAGTGAC	20142
7106	GUCAGAUU A CAUCAACA	944	TGTTGATG GGCTAGCTACAACGA AATCTGAC	20143
7152	AGUGCACU A UUCACACU	952	AGTGTGAA GGCTAGCTACAACGA AGTGCACT	20144

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7246	UCACCGUU A CGGUAACA	969	TGTTACCG GGCTAGCTACAACGA AACGGTGA	20145
7280	UUGCCACU A UGCCUACA	977	TGTAGGCA GGCTAGCTACAACGA AGTGGCAA	20146
7286	CUAUGCCU A CAUGGUUC	978	GAACCATG GGCTAGCTACAACGA AGGCATAG	20147
7500	AAGACAGU A CGAGAAGC	1000	GCTTCTCG GGCTAGCTACAACGA ACTGTCTT	20148
7629	UCAUGUCU A UCCAUAAC	1017	GTTATGGA GGCTAGCTACAACGA AGACATGA	20149
7760	CACUAGGU A CCGCAAAG	1030	CTTTGCGG GGCTAGCTACAACGA ACCTAGTG	20150
7946	UUGGUGUU A CUAUAUGG	1051	CCATATAG GGCTAGCTACAACGA AACACCAA	20151
7949	GUGUUACU A UAUGGCAA	1052	TTGCCATA GGCTAGCTACAACGA AGTAACAC	20152
7951	GUUACUAU A UGGCAACC	1053	GGTTGCCA GGCTAGCTACAACGA ATAGTAAC	20153
7988	CAGAGGGU A CACAAAGG	1056	CCTTTGTG GGCTAGCTACAACGA ACCCTCTG	20154
8036	GCAAAGUU A UGGAUGGA	1060	TCCATCCA GGCTAGCTACAACGA AACTTTGC	20155
8081	UGUGUUCU A CAGACCUU	1065	AAGGTCTG GGCTAGCTACAACGA AGAACACA	20156
8240	CUGCCCCU A CAUGCCGA	1087	TCGGCATG GGCTAGCTACAACGA AGGGGCAG	20157
8285	ACGCCGGU A UGGGGGGG	1091	CCCCCCA GGCTAGCTACAACGA ACCGGCGT	20158
8339	CGAGAUGU A UUGGGUGA	1097	TCACCCAA GGCTAGCTACAACGA ACATCTCG	20159
8370	AAUGUGGU A CAUUCAGU	1102	ACTGAATG GGCTAGCTACAACGA ACCACATT	20160
8383	CAGUGAAU A UGACCAGC	1105	GCTGGTCA GGCTAGCTACAACGA ATTCACTG	20161
8441	ACCCCAAU A CGAGGAAG	1108	CTTCCTCG GGCTAGCTACAACGA ATTGGGGT	20162
8549	GCGUGAGU A CAGUUCGA	1117	TCGAACTG GGCTAGCTACAACGA ACTCACGC	20163
8585	CCACCCAU A UAGAACCU	1120	AGGTTCTA GGCTAGCTACAACGA ATGGGTGG	20164
8600	CUGGAACU A UCACGGCA	1122	TGCCGTGA GGCTAGCTACAACGA AGTTCCAG	20165
8612	CGGCAGUU A UGAUGUGA	1125	TCACATCA GGCTAGCTACAACGA AACTGCCG	20166
8701	CGAAUGUU A CCACCAUG	1136	CATGGTGG GGCTAGCTACAACGA AACATTCG	20167
8725	CUGACACU A CUCCCUUC	1137	GAAGGGAG GGCTAGCTACAACGA AGTGTCAG	20168
8801	AGUGAAGU A CGUGCUCA	1144	TGAGCACG GGCTAGCTACAACGA ACTTCACT	20169
9041	UUGCAUUU A CAACAUGA	1173	TCATGTTG GGCTAGCTACAACGA AAATGCAA	20170
9236	ACUGGGUU A CAUCCUGC	1199	GCAGGATG GGCTAGCTACAACGA AACCCAGT	20171
9278	CAAGAUCU A UGCUGAUG	1203	CATCAGCA GGCTAGCTACAACGA AGATCTTG	20172
9404	GCUCACCU A UCGUCACA	1215	TGTGACGA GGCTAGCTACAACGA AGGTGAGC	20173
9466	UGGAUGUU A UCUCCAGA	1221	TCTGGAGA GGCTAGCTACAACGA AACATCCA	20174
9509	UGUCACCU A CGCCCUAA	1227	TTAGGGCG GGCTAGCTACAACGA AGGTGACA	20175
9745	UCAAUGCU A UGUCAAAG	1249	CTTTGACA GGCTAGCTACAACGA AGCATTGA	20176
9797	UGGAUGGU A UGAUUGGC	1255	GCCAATCA GGCTAGCTACAACGA ACCATCCA	20177
9915	GCUCGCAU A UCUCCAGG	1273	CCTGGAGA GGCTAGCTACAACGA ATGCGAGC	20178
9968	UAAGUCUU A UGCCCAGA	1282	TCTGGGCA GGCTAGCTACAACGA AAGACTTA	20179
9992	GCUUCUGU A CUUCCACA	1285	TGTGGAAG GGCTAGCTACAACGA ACAGAAGC	20180
10063	GGGUCCCU A CCGGAAGA	1295	TCTTCCGG GGCTAGCTACAACGA AGGGACCC	20181
10208	CGUCCCAU A UUCAGGAA	1304	TTCCTGAA GGCTAGCTACAACGA ATGGGACG	20182
10294	AGGUGGCU A UCAACCAA	1310	TTGGTTGA GGCTAGCTACAACGA AGCCACCT	20183
10331	UGAGAAGU A UGUGGAUU	1315	AATCCACA GGCTAGCTACAACGA ACTTCTCA	20184
10340	UGUGGAUU A CAUGAGUU	1317	AACTCATG GGCTAGCTACAACGA AATCCACA	20185
10361	AAAGAGAU A UGAAGACA	1321	TGTCTTCA GGCTAGCTACAACGA ATCTCTTT	20186
10392	GACACAGU A CUGUAGAU	1325	ATCTACAG GGCTAGCTACAACGA ACTGTGTC	20187
10401	CUGUAGAU A UUUAAUCA	1327	TGATTAAA GGCTAGCTACAACGA ATCTACAG	20188
10426	UAGACAAU A UAAGUAUG	1335	CATACTTA GGCTAGCTACAACGA ATTGTCTA	20189
10432	AUAUAAGU A UGCAUAAA	1337	TTTATGCA GGCTAGCTACAACGA ACTTATAT	20190
10452	GUAGUUUU A UAGUAGUA	1343	TACTACTA GGCTAGCTACAACGA AAAACTAC	20191
10460	AUAGUAGU A UUUAGUGG	1346	CCACTAAA GGCTAGCTACAACGA ACTACTAT	20192
10679	ACCACGCU A CGGCGUGC	1375	GCACGCCG GGCTAGCTACAACGA AGCGTGGT	20193
10689	GGCGUGCU A CUCUGCGG	1376	CCGCAGAG GGCTAGCTACAACGA AGCACGCC	20194
10928	AACAGCAU A UUGACACC	1397	GGTGTCAA GGCTAGCTACAACGA ATGCTGTT	20195
63	CAAUUAAC A CAGUGCGA	1412	TCGCACTG GGCTAGCTACAACGA GTTAATTG	20196
85	UUCUUAGC A CGAAGAUC	1416	GATCTTCG GGCTAGCTACAACGA GCTAAGAA	20197
265	UCAGGUUC A CAGCAAUU	1445	AATTGCTG GGCTAGCTACAACGA GAACCTGA	20198
335	GAUGAAAC A CCUUCUGA	1457	TCAGAAGG GGCTAGCTACAACGA GTTTCATC	20199
436	UUGCAGUC A UGAUUGGC	1473	GCCAATCA GGCTAGCTACAACGA GACTGCAA	20200
523	CUGACGUC A CAGAUGUC	1489	GACATCTG GGCTAGCTACAACGA GACGTCAG	20201
532	CAGAUGUC A UCACGAUU	1491	AATCGTGA GGCTAGCTACAACGA GACATCTG	20202
535	AUGUCAUC A CGAUUCCA	1492	TGGAATCG GGCTAGCTACAACGA GATGACAT	20203
568	ACCUAUGC A UUGUCAGA	1500	TCTGACAA GGCTAGCTACAACGA GCATAGGT	20204
595	UGGGAUAC A UGUGCGAU	1503	ATCGCACA GGCTAGCTACAACGA GTATCCCA	20205
613	AUACUAUC A CUUAUGAA	1505	TTCATAAG GGCTAGCTACAACGA GATAGTAT	20206

Table VI

1935 GUIGRIDIGE A CALAGRICA 1512 TRICTITIG GICTROTRIANCIA GOLCANA 20201 1777 ACAMBRICA A COLAGACA 1522 TRICTITIG GICTROTRIANCIA GOLCANA 20201 1777 ACAMBRICA A COLAGACA 1527 GICTROGG GICTROTRICANCIA GICTROTT 20201 1777 ACAMBRICA A COLAGACA 1527 GICTROGG GICTROTRICANCIA GICTROTT 20201 1774 COLAGAGO A COLAGAGO 1527 GICTROGG GICTROTRICANCIA GICTROTRICA 20201 1774 COLAGAGO A CACGAGO A COLAGAGO 1527 GICTROGG GICTROTRICANCIA GICTROGG GICTROGGACA CANAGOCC 1543 GICCTROGG GICTROTRICANCIA GICTROGG GICTROTRICANCIA GICTROGGACA CANAGOCCI 1543 GICCTROGG GICTROGGACA GICCATOGGA GICTROGGACA CANAGOCCI 1544 ATRACTOGGA GICTROGGACA GICCATOGGA GICTROGGACA CANAGOCCI 1545 ATRACTOGGA GICTROGGACA CANAGOCCI 1545 ATRACTOGGA GICTROGGACA GICTROGGACA CANAGOCCI 1545 ATRACTOGGA GICTROGGACA CANAGOCCI 1545 ATRACTOGG	658	CAGAAGAC A UCGACUGU	1514	ACAGTCGA GGCTAGCTACAACGA GTCTTCTG	20202
1999 GARGARGE A CCARGACA 1522 TOTICTIGG GECTRACTACAGG GECTTIGG 2020 1727 ACAGRAPA C SOCIOLE 1525 GAGTIGGG GECTRACHACAGG GECTTIGG 2021 1724 GEGROSCE A CUCNAGRA 1527 GECTRAGIC GECTRACTACAGG GECTTIGG 2021 1744 COGROGUE A CUCNAGRA 1528 TOTICGG GECTRACTACAGG GECTTICC 2021 1744 COGROGUE A CUCNAGRA 1525 TOTICGG GECTRACTACAGG GECTTICC 2021 1759 GUGCAGAC A CACGGAGA 1525 TOTICGG GECTRACTACAGG GECTRACTACAGG GECTRACTACAGG GETRACTACAGG A COCAGGACA CACGGAGA 1526 TOTICGG GECTRACTACAGG GETRACTACAGG					20207
732					
1732 GAZAGGC A CUCHAGAGE 1537 GRITTERIA GGCTRGCTAZAGGA GGCGTGCT 20211 759 GUGCIGAC CAUGGAGU 1531 ACTITOTA GGCTRGCTAZAGGA GGCTCCCC 20213 761 GCGGGCA CAUGGAGA 1535 TUTCCCTG GGCTRAGCTAZAGGA GTGTCCCC 20213 761 GCGGACA CAUGGAGA 1535 TUTCCCTG GGCTRAGCTAZAGGA GTGTCCCC 20214 772 GAGAAAGC CUCUAGGC 1543 GGCCTTGC GGCTRAGCTAZAGGA GTGTCCCC 20215 868 UGGACGAC CCAGGGCC 1543 GGCCTTGC GGCTRAGCTAZAGGA GCTGTCCC 20215 813 ACAGGAGC CCAAGGGCC 1543 GGCCTTGC GGCTRAGCTAZAGGA GCTGTCCC 20215 813 ACAGGAGCA CCAAGGGCC 1543 GGCCTTGC GGCTRAGCTAZAGGA GCTGTCCC 20215 813 ACAGGAGCA CGAAGGAC 1544 ACAGGAGA GGCTAGCTAZAGGA GCTGTCCC 20215 8143 ACAGGAGCA CGAAGGAC 1546 ACAGGAGA GGCACCA GGCA					
1944 CGGAGGUC A CUGACAGU 1531 ACTOTICAG GGCTAGCTALANGA GACTICCO 20213 751 GGCAGAC A COGAGGAA 1535 TITICTICCO GGCTAGCTALANGA GTTSTONC 20214 772 GAGAAAGC A CUCUAGGU 1537 CGCTAGG GGCTAGCTALANGA GTTSTONC 20215 772 GAGAAAGC A CUCUAGGU 1537 CGCTAGG GGCTAGCTALANGA GTTSTONC 20215 772 GAGAAAGC A CUCUAGGU 1537 CGCTAGG GGCTAGCTALANGA GTTSTONC 20215 772 GAGAAAGC A CUCUAGGU 1543 GGCCTAGG GGCTAGCTALANGA GCTGTCCA 20215 772 GAGAAAGC A CAAGGGUU 1547 ATACCTTG GGCTAGCTALANGA GCTGTCCA 20216 784 ACACAGCGUC A UUGGUUGG 1550 ACACCAA GGCTAGCTALANGA GCTGTCCA 20218 784 ACACAGCGUC A UUGGUUGG 1550 CCAACCAA GGCTAGCTALANGA GACGCCTG 20219 7910 GGACACAC A UGCAGGAA 1563 CTCCTCCA GGCTAGCTALANGA GACGCCTG 20219 7913 GCAACACC A UGCAGGAA 1565 TCTCTCCA GGCTAGCTALANGA GTTGCTC 20220 7913 GCAACACC A UGCAGGAA 1565 TCTCTCCA GGCTAGCTALANGA GTTGCTC 20221 7913 GCAACACC A UGCAGGAA 1565 TCTCTCCA GGCTAGCTALANGA GTTGCTC 20221 7914 AUCUCUCC A CCAAGGCU 1516 TCTCTCCA GGCTAGCTALANGA GTTGCTC 20221 7914 AUCUCUCC A CCAAGGCU 1611 AGCTTTGG GGCTAGCTALANGA GGTAGGTCA 20221 7914 AUCUCUCC A CCAAGGCU 1611 AGCTTTGG GGCTAGCTALANGA GGTAGGTCA 20221 7915 GCCCAGC A UGGAGAA 1620 TTCCATG GGCTAGCTALANGA GGTAGGTCA 20221 7915 GCCCAGC A UGGAGAA 1620 TTCCATG GGCTAGCTALANGA GGTAGGTCA 20224 7915 GCCCAGC A UGGAGAA 1630 TTCCATG GGCTAGCTALANGA GGTAGGTCA 20224 7915	717	ACCAAGAC A CGCCACUC	1525	GAGTGGCG GGCTAGCTACAACGA GTCTTGGT	20210
T95	722	GACACGCC A CUCAAGAC	1527	GTCTTGAG GGCTAGCTACAACGA GGCGTGTC	20211
751	744	CGGAGGUC A CUGACAGU	1531	ACTGTCAG GGCTAGCTACAACGA GACCTCCG	20212
1972 GARAMAG A CUCURGG 1537 COCTRORAG GGTRACTACANAGA GGTTTCTC 20215	759	GUGCAGAC A CACGGAGA	1535	TCTCCGTG GGCTAGCTACAACGA GTCTGCAC	20213
1972 GADARAGO A CUCURGOS 1537 COCTRAGA GOTTACTACAACOA GOTTACTAC 20215	761	GCAGACAC A CGGAGAAA	1536	TTTCTCCG GGCTAGCTACAACGA GTGTCTGC	20214
BOBBLOGAC A CCANGURU 1547 ATRICCTUS GOCTACTACANCIA GOTOTICA 20215					
917 CCANGGC A CANGGUAU 1547 ATACCTTG GGCTACCATACAACGA GGCTTGG 20217 943 ACAGANUC A UGGAUCUU 1550 AAGATCCA GGCTAGCTACAACGA GATTCTGT 20218 946 CAGCCGGUC A UUGGUUGG 1563 CCCAACCCA GGCTAGCTACAACGA GATCGTCTC 20221 913 GGAACACC A UGGAGGAG 1563 CTGCATGG GGCTAGCTACAACGA GTGTTGCTC 20221 1023 GGACCACC A UGGAGGAG 1565 TCCTCTCA GGCTAGCTACAACGA GTGTTGCTC 20221 1023 GGACCACC A UGGUUGGA 1566 TCCACCCA GGTTAGCTACAACGA GTTGTCC 20221 1066 UGACCAUC A UGGUUGGA 1591 TCTAGACA GGTTAGCTACAACGA GTTGTCC 20221 1067 AGCCUACC A UGGUUGGA 1597 CCACACGA GGTTAGCTACAACGA GTTGTCC 20221 1067 AGCCUACC A UGGUUGGA 1597 CACATCGA GGTTAGCTACAACGA GTTGTCC 20221 1067 AGCCUACC A UGGUUGGA 1597 CACATCGA GGTTAGCTACAACGA GTTAGGCT 20223 1067 AGCCUACC A UGGUAGGA 1618 TTCTCCCA GGCTAGCTACAACGA GGTTAGGCT 20225 1208 AGAAGCU A UGGACGA 1620 TOTCATTG GGCTAGCTACAACGA GGTTAGGT 20225 1208 AGAAGCU A UGGACGA 1620 TOTCATTG GGCTAGCTACAACGA GGTTCGGC 20226 1208 AGAAGCU A UGGACGA 1635 TOTCATTG GGCTAGCTACAACGA GGTTCGT 20228 1309 GCAUUGGA A CAUGACGA 1635 TOTCATTG GGCTAGCTACAACGA GGTTCGT 20228 1311 AUGACAC 1040CACA 1635 TOTCATTG GGCTAGCTACAACGA GGTTCCT 20228 13124 ACAGACA 1040CACA 1637 TTGGCCG GGCTAGCTTACAACGA GGTTCCT 20228 1314 ACAGACA UUUUGGACA UUUUUGGACA UUUUGGACA UUUUGGACA UUUUGGACA UUUUGGACA UUUUGGACA UUUUGGAC				<u> </u>	
B48					
B86					
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913 GOALCACC A UGCAGAGA 1565 TCTCTGCA GCCTAGCTACAACGA GTGTTTGC 20221 1023 GAGGCACA A UGGGUGGA 1586 TCCCCCA GCCTAGCTACAACGA GTGTGCTC 20222 1066 UGACUAUC A UGUCUAGA 1591 CTTAGACA GCCTAGCTACAACGA GTTGCTC 20223 1087 AGCCUACC A UCGAUGUG 1597 CACATGGA GCCTAGCTACAACGA GGTAGGCT 20224 1174 AUCUCUCC A CCAAAGGU 1611 AGCTTTGG GCCTAGCTACAACGA GGTAGGCT 20224 1174 AUCUCUCC A CCAAAGGU 1611 AGCTTTGG GCCTAGCTACAACGA GGAGAGAT 20225 1195 GCCCGACC A UGGAGAGA 1618 TTCTCCCA GGCTAGCTACAACGA GGAGCTTCCT 20227 1208 AGAAGCUC A CAAUGACA 1620 TGTCATTG GGCTAGCTACAACGA GGCTTCCTT 20228 1309 GCAUUGAC A CAUGACCA 1635 TGTCATTG GGCTAGCTACAACGA GGCTTCCTT 20228 1309 GCAUUGAC A CAUGACCA 1636 GGCGCATG GGCTAGCTACAACGA GTCTCCTT 20228 1311 AUGACCA UUGUGCACA 1637 TTGGCGCA GCTAGCTACAACGA GTCAATGC 20229 1331 ANGGGCACA UUGUGCACA 1637 TTGGCGCA GCTAGCTACAACGA GTCAATGC 20231 1354 GAAGAACC A UUGUGAAA 1648 TTCAAGA GCCTAGCTACAACGA GGCCACTT 20231 1354 GAAGAACC A UUGUGAAA 1654 TTGGTCA GCCTAGCTACAACGA GGCCACTT 20231 1421 GGAGUGCC A CGAAAACU 1659 AGTTTCCG GGCTAGCTACAACGA GGCCACTT 20232 1421 GGAGUGCC A CGAGAGUU 1663 AACCTTGG GGCTAGCTACAACGA GGCCACTT 20231 1421 GGAGUCCA CACAGGUU 1663 AACCTTGG GGCTAGCTACAACGA GGCCACTC 20237 1471 GAUCUCCA CACAGGUU 1663 AACCTTGG GGCTAGCTACAACGA GGCCACTC 20234 1435 ACUACUCC CACAGGUU 1663 AACCTTGG GGCTAGCTACAACGA GGCCACTC 20234 1445 AUCUCCCC ACAGGUUGG 1667 CCCCGGG GCTAGCTACAACGA GGCCCCA 20237 1471 GAUCACCC UCACAGCA 1667 TCCCTGAG GCCTAGCTACAACGA GGCACTC 20234 1459 UUUGAGACC AUCACCCU 1672 AGGAGTG GCCTAGCTACAACGA GGCTCACA 20237 1471 GAUCACCC AUCACCCU 1672 AGGAGTG GCCTAGCTACAACGA GCTGATTC 20238 1459 UUCAGACCA CCCACAGGA 1667 CCCCGGG GCCTAGCCTAACGA GCTGATCC 20234 1459 UUCAGACCA UCACAGCC 1673 CCCAGGGG GCCTAGCCTAACGA GCTGATCC 20234 1459 UUCAGACCA AUCACCCU 1679 ACTTATGG GCC					20219
1092	910	GGAGCAAC A CCAUGCAG	1563	CTGCATGG GGCTAGCTACAACGA GTTGCTCC	20220
1065	913	GCAACACC A UGCAGAGA	1565	TCTCTGCA GGCTAGCTACAACGA GGTGTTGC	20221
1087	1023	GGAGCAAC A UGGGUGGA	1586	TCCACCCA GGCTAGCTACAACGA GTTGCTCC	20222
1174 ADCUCUCC A CCAAAGCU 1618 TICTCCCA GGCTAGCTACAACGA GGAGAGAT 20225 1195 GCCCGACC A UGGGAGAA 1618 TICTCCCA GGCTAGCTACAACGA GGTCGGGC 20226 12086 AGAAAGCU A CAAUGACA 1620 TICTCCTATTG GGCTAGCTACAACGA GGCTCCT 20227 1303 AAGGAAGC A UUGACACA 1635 TITGTCAA GGCTAGCTACAACGA GGCTTCCT 20228 1319 GCGUUGACA C ACUGGGGC 1636 GGCGCGAG GGCTAGCTACAACGA GCTTCCTT 20228 1311 AUUGACAC A UGGGGCCAA 1637 TTGGCGCA GGCTAGCTACAACGA GCTTCCTT 20231 1387 AAGUGGCC A UUGUGAAA 1648 TTTCAAGA GGCTAGCTACAACGA GGTTCCAAT 20231 1387 AAGUGGCC A UUGUGAAA 1654 TTGGCCCA GGCTAGCTACAACGA GGCCACTT 20232 1397 UUUUGUCC A UGGACCAA 1654 TTGGCCCA GGCTAGCTACAACGA GGCCACTT 20231 1397 UUUUGUCC A UGGACCAA 1654 TTGGCCCA GGCTAGCTACAACGA GGCCACTT 20231 1421 GGAGUCGCA C ACGAGGUU 1663 AAGCTGGG GGCTAGCTACAACGA GGCCACTT 20231 1437 UUCUCCACA C ACGAGUU 1663 AAGCTGGG GGCTAGCTACAACGA GGACACAC 20234 1435 AUUACUCCA C ACCAGGUUG 1664 CCAACCTG GGCTAGCTACAACGA GGCCACT 20234 1437 UUCUGAGCC A UCCAGGCA 1667 TCCCTGAG GGCTAGCTACAACGA GGCCCCA 20234 1431 GAUUCAGC A UCCAGCCA 1667 TCCCTGAG GGCTAGCTACAACGA GGCCCCA 20234 1431 GAUUCAGC A UCCAUCCU 1672 AGGAGTGA GGCTAGCTACAACGA GGCTCAA 20237 1471 GAUUCAGC A UCCAUCCU 1672 AGGAGTGA GGCTAGCTACAACGA GTGAATC 20238 1491 GGGCCUUC A UACACACU 1679 AGTGTGTA GGCTAGCTACAACGA GTGACTA 20238 1491 GGGCCUUC A UACACACU 1679 AGTGTGTA GGCTAGCTACAACGA GTGACTA 20234 1495 UUCAUACA C AUCAGAGC 1680 CCTTTAGTG GGCTAGCTACAACGA GTGACTA 20241 1495 UUCAUACA C AUCAGAG 1680 CCTTTAGTG GGCTAGCTACAACGA GTGACTA 20241 1561 UUCAUACA C AUCAGAG 1680 CCTTTAGTG GGCTAGCTACAACGA GTTAGATA 20241 1562 UUCAUACA C AUCAGAGC 1699 AGTGTGTG GGCTAGCTACAACGA GTTCATACC 20241 1566 ACCAUGC A CCAUGAGG 1680 CCTTTAGTG GGCTAGCTACAACGA GTCAATCC 20245 1690 CCTTTAGTG GGCTAGCTACAACGA GTCAATCC 20245 1690 CCTTTAGTG GGCTAGCTACAACGA GTCAATCC 20245 1690 CCTTTAGTG	1066	UGACUAUC A UGUCUAAG	1591	CTTAGACA GGCTAGCTACAACGA GATAGTCA	20223
1174 ADCUCUCC A CCAAAGCU 1618 AGCTTTGG GGCTAGCTACAACGA GGAGAGAT 20225 1195 GCCCGACC A UGGGAGAA 1618 TTCTCCCA GGCTAGCTACAACGA GGTCGGGC 20226 12088 AGAAAGCU A CAAUGACA 1620 TTCATTG GGCTAGCTACAACGA GGCTTCCT 20227 1303 AAGGAAGC A UUGACACA 1635 TGTGTCAA GGCTAGCTACAACGA GGCTTCCT 20228 1319 GCGUUGAC A CAUGGGGC 1636 GGCGGAG GGCTAGCTACAACGA GCTTCCTT 20228 1311 AUGACAC A UGGGCCAA 1637 TTGGGGC AGGTAGCTACAACGA GTTCCATC 20231 1314 GAAGAAC A UGUUGAAA 1648 TTTCAAGA GGCTAGCTACAACGA GTTCCATC 20231 1387 AAGUGGCC A UUGUUGAAA 1648 TTTCAAGA GGCTAGCTACAACGA GGCCACTT 20232 1397 UUUUGUCC A UGAGACCA 1652 GACAAAA GGCTAGCTACAACGA GGCCACTT 20232 1397 UUUUGUCC A UGAGACAA 1654 TTGGTCCA GGCTAGCTACAACGA GGCACCTC 20234 1421 GGAGUCGA C ACGAGAUA 1659 AGTTTCCA GGCTAGCTACAACGA GGACACAA 20233 1421 GGAGUCGA C ACGAGGUU 1663 AACCTGTG GGCTAGCTACAACGA GGACACAC 20234 1435 AUGACUCC A CACAGGUUG 1664 CACACCTG GGCTAGCTACAACGA GGAGTCC 20234 1437 UUCUGAGGC A UUCAGGCCA 1667 TGCCTGAG GGCTAGCTACAACGA GGCTCCA 20237 1471 GAUUCAGC A UCCAGGCA 1667 TGCCTGAG GGCTAGCTACAACGA GGCTCCA 20237 1471 GAUUCAGC A UCCAUGCA 1672 AGGAGTA GGCTAGCTACAACGA GGCTCCA 20237 1471 GAUUCAGC A UCACCCUC 1672 AGGAGTA GGCTAGCTACAACGA GTGTACTA 20236 1474 UCAGCAUC A UCACCACC 1673 AGCTGTCA GGCTAGCTACAACGA GTGTACTA 20237 1471 GAUUCAGC A UCACACCA 1679 AGTGTGTA GGCTAGCTACAACGA GTGTACTA 20238 1474 UCAGCAUC A UCACCACC 1673 AGGAGTCA GGCTAGCTACAACGA GTGTACTA 20238 1474 UCAGCAUC A UCACACCA 1679 AGTGTGTA GGCTAGCTACAACGA GTGTACTA 20239 1491 GGCCUUC A UACACACU 1679 AGTGTGTA GGCTAGCTACAACGA GTTCATAC 20241 1495 CUUCAGAC A UACACACCA 1679 AGTGTGTA GGCTAGCTACAACGA GTTCATAC 20241 1495 CUUCAGAC A UACACACA 1679 AGTGTGTA GGCTAGCTACAACGA GTTCATAC 20241 1495 CUUCAGAC A UACACACA 1689 ACCTCTAG GGCTAGCTACAACGA GTTCATAC 20241 1566 ACCAUGC A UACACACA 1689 ACCTCTAG GGCTAGC	1087	AGCCUACC A UCGAUGUG	1597	CACATCGA GGCTAGCTACAACGA GGTAGGCT	20224
1195				AGCTTTGG GGCTAGCTACAACGA GGAGAGAT	
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1421	1387	AAGUGGCC A UUUUUGUC	1652	GACAAAAA GGCTAGCTACAACGA GGCCACTT	20232
1435 ACUACUCC A CACAGGUU 1663 AACCTGTG GGCTAGCTACAACGA GGAGTAGT 20235 1437 UJCUCCAC A CAGGUUGG 1664 CCAACCTG GGCTAGCTACAACGA GTGGAGTA 20236 1450 UUGGAGCC A CUCAGGCA 1667 TGCCTGAG GGCTAGCTACAACGA GGCTCCAA 20237 1471 GAUUCAGC A UCACUCCU 1672 AGGAGTGA GGCTACAACGA GGCTCCAA 20238 1474 UCAGCAUC A CUCCUGCG 1673 CGCAGGAG GGCTAGCTACAACGA GCTCTGAATC 20238 1491 GCGCCQUC A UACACACU 1679 AGTGTGTA GGCTAGCTACAACGA GATGCTGA 20239 1491 GCGCCUUC A UACACACU 1679 AGTGTGTA GGCTAGCTACAACGA GAAGGCGC 20240 1495 CUUCAUACA A CACUAAAG 1680 CTTTAGTG GGCTAGCTACAACGA GTATGAAG 20241 1497 UCAUACAC A CACUAAAG 1681 AGCTTTAG GGCTAGCTACAACGA GTATGAAG 20241 1497 UCAUACAC A CUAAAGGU 1681 AGCTTTAG GGCTAGCTACAACGA GTTCACA 20243 1558 GGAUUGAC A CGAUGGA 1689 TGCATTGG GGCTAGCTACAACGA GTTCACA 20244 1566 ACCAAUGC A UACUACGU 1692 ACGTAGTA GGCTAGCTACAACGA GTCACAC 20244 1566 ACCAAUGC A UACUACGU 1692 ACGTAGTA GGCTAGCTACAACGA GCATACC 20244 1566 ACCAAUGC A UACUACGU 1692 ACGTAGTA GGCTAGCTACAACGA GACCAAG 20245 1607 CUUGGUCC A UCGUAGGU 1698 ACTCACGA GGCTAGCTACAACGA GACCAAG 20245 1621 ACUGUUCU A UGGACCUC 1699 GAGGTCCA GGCTAGCTACAACGA GACCAAC 20247 1701 GAGGAACC A CACGCCAC 1713 GTGGCGTG GGCTAGCTACAACGA GGTTCCTC 20247 1703 GGAACCAC A CACGCCAC 1714 TCGTGGC GGCTAGCTACAACGA GGTTCCTC 20249 1708 GACACGGC A CGAAGCAG 1714 TCGTGGC GGCTAGCTACAACGA GGCTACCAC 20251 1737 UUGGGCUC A CAAGAGGG 1716 CTCCTTCG GGCTAGCTACAACGA GGCTATCCAC 20251 1737 UUGGGCUC A CAAGAGGA 1716 CTCCTTCG GGCTAGCTACAACGA GGCTCAC 20251 1737 UUGGGCUC A UCAAGCUU 1725 AAGCTCAG GGCTAGCTACAACGA GGCTCAG 20251 1738 GCGCAGCA A UCCCUUGC A UCAAGCUU 1725 AAGCTCAG GGCTAGCTACAACGA GGCTCAG 20251 1738 CACAGGAC A UUGCUUG 1730 CACAGGAA GGCTACAACGA GCCCAC 20251 1738 CACAGGCAC A UCAAGGUU 1738 ACTTCAAA GGCTAGCTACAACGA GCCCACG 20251 1930 GUCAGGCA A UCAAGGUU 1754 CACAGGAG GGCTAG	1397	UUUUGUCC A UGGACCAA	1654	TTGGTCCA GGCTAGCTACAACGA GGACAAAA	20233
1437	1421	GGAGUCGC A CGGAAACU	1659	AGTTTCCG GGCTAGCTACAACGA GCGACTCC	20234
1450	1435	ACUACUCC A CACAGGUU	1663	AACCTGTG GGCTAGCTACAACGA GGAGTAGT	20235
1471	1437	UACUCCAC A CAGGUUGG	1664	CCAACCTG GGCTAGCTACAACGA GTGGAGTA	20236
1474 UCAGCAUC A CUCCUGCG 1673 CGCAGGAG GGCTAGCTACAACGA GATGCTGA 20239 1491 GCGCCUUC A UACCACAU 1679 AGTGTGTA GGCTAGCTACAACGA GAAGGGC 20240 1495 CUUCAUAC A CACUAAAG 1680 CTTTAGTG GGCTAGCTACAACGA GTGTATGA 20241 1497 UCAUACAC A CUAAAGCU 1681 AGCTTTAG GGCTACAACGA GTGTATGA 20242 1542 UGUGAACC A CGGUCAGG 1687 CCTGACCG GGCTAGCTACAACGA GTCAATCC 20243 1558 GGAUUGAC A CAAUGCA 1689 TGCATTGG GGCTAGCTACAACGA GTCAATCC 20244 1566 ACCAAUGC A UACUACGU 1692 ACGTAGTA GGCTAGCTACAACGA GTCATGGT 20245 1621 AGUGGUC A UACUACGU 1699 GAGGTCCA GGCTAGCTACAACGA GAACCAT 20247 1701 GAGGAACCA C ACGCACCA 1713 GTGGCGTG GGCTAGCTACAACGA GATCCTC 20248 1703 GGAACCAC A CGCACCGA 1714 TGGTGGCGGCTAGCTACAACGA GGTTCCTC 20248 1703 GGAACCAC A CGCACCGA 1714 TGGTGGCTGACAACGA GGCGTTCC 20249 1704 CACAGGCA C A UUGAGCUU 1719 GACCCCAA GGCTAACAACGA GACCCCAA	1450	UUGGAGCC A CUCAGGCA	1667	TGCCTGAG GGCTAGCTACAACGA GGCTCCAA	20237
1491 GCGCCUUC A UACACACU 1679 AGTGTGTA GGCTAGCTACAACGA GAAGGCGC 20240 1495 CUUCAUAC A CACUAAAG 1680 CTTTAGTG GGCTAGCTACAACGA GTATGAAG 20241 1497 UCAUACAC A CUAAAGCU 1681 AGCTTTAG GGCTAGCTACAACGA GTATGAAG 20242 1542 UGUGAACC A CUGAUGG 1687 CCTGACCG GGCTAGCTACAACGA GTGTATGA 20243 1558 GGAUUGAC A CCGAUGGA 1689 TGCATTGG GGCTAGCTACAACGA GTCAATCC 20244 1566 ACCAAUGC A UACUACGU 1692 ACGTAGTA GGCTAGCTACAACGA GCATTGGT 20245 1607 CUUGGUCC A UCGUGAGU 1698 ACTCACGA GGCTAGCTACAACGA GCATTGGT 20246 1621 AGUGGUUC A UGGACCUC 1699 GAGGTCCA GGCTAGCTACAACGA GGACCAAG 20246 1701 GAGGAACC A CACGCCAC 1713 GTGGCGTG GGCTAGCTACAACGA GACCACT 20247 1701 GAGGAACC A CACGCCAC 1714 TCGTGGCG GGCTAGCTACAACGA GTGGTTCC 20249 1708 CACACGCC A CGAAGGA 1714 TCGTGGCG GGCTAGCTACAACGA GGTTCCTC 20249 1708 CACACGCC A CGAAGGAG 1716 CTGCTTCG GGCTAGCTACAACGA GGTGTTCC 20249 1728 GUGAUAGC A UUGGACCUC 1719 GAGCCCAA GGCTAGCTACAACGA GGCTATCAC 20251 1728 GUGAUAGC A UUGGAGCUC 1719 GACCCCAA GGCTAGCTACAACGA GGCCCAA 20252 1754 AGCUCUGC A UAAGAGGG 1721 CCCTCTTG GGCTAGCTACAACGA GGAGCCCAA 20252 1754 AGCUCUGC A UCAAGAGGG 1721 CCCTCTTG GGCTAGCTACAACGA GGACCCAA 20252 1754 AGCUCUGC A UUCAAGCUU 1725 AAGCTTGA GGCTAGCTACAACGA GGCCCAA 20252 1754 CUGGAGCC A UUCCUGUG 1730 CACAGGGA GGCTACAACGA GGCCCAA 20254 1798 CAAGCAAC A CUGUCAAG 1752 GTGACCTG GGCTAGCTACAACGA GTTCCTG 20253 1754 CUGGAGCC A UUCCUGUG 1736 CTTGACAG GGCTAGCTACAACGA GTCCTGC 20255 1925 CACAGGC A CAGGUCAC 1752 GTGACCTG GGCTAGCTACAACGA GTCCTGC 20255 1925 CACAGGC A CAGGUCAC 1755 GTGACCTG GGCTAGCTACAACGA GTCCTGC 20255 1925 CACAGGC A CAGGUCAC 1755 GTGACCTG GGCTAGCTACAACGA GCCCGAC 20256 1926 CACGGCCAC CACGGGC A CUGGAGGA 1769 TCGTTCGA GGCTAGCTACAACGA GCCGGCC 20257 1925 CACAGGC A CAGGUCAC 1755 GTGACCTG GGCTAGCTACAACGA GCCGTGCT 20261 1940 GUGACGC A CUGUCAAC 1769 TCGTTCCA GGC	1471	GAUUCAGC A UCACUCCU	1672	AGGAGTGA GCTAGCTACAACGA GCTGAATC	20238
1495	1474	UCAGCAUC A CUCCUGCG	1673	CGCAGGAG GGCTAGCTACAACGA GATGCTGA	20239
1495	1491	GCGCCUUC A UACACACU	1679	AGTGTGTA GGCTAGCTACAACGA GAAGGCGC	20240
1497 UCAUACAC A CUAAAGCU 1681 AGCTTTAG GGCTACAACGA GTGTATGA 20242 1542 UGUGAACC A CGGUCAGG 1687 CCTGACCG GGCTACCAACGA GTCTACA 20243 1558 GGAUUGAC A CCAAUGCA 1689 TGCATTGG GGCTAGCTACAACGA GTCAATCC 20244 1566 ACCAAUGC A UACUACGU 1692 ACGTAGTA GGCTAGCTACAACGA GCATTGGT 20245 1607 CUUGGUCC A UCGUGAGU 1698 ACTCACGA GGCTAGCTACAACGA GGACCAAG 20246 1621 AGUGGUUC A UGGACCUC 1699 GAGGTCCA GGCTAGCTACAACGA GACCACT 20247 1701 GAGGACCA C A CACGCCAC 1713 GTGGGGG GGCTAGCTACAACGA GTGTTCC 20248 1703 GGAACCAC A CGAAGCAG 1714 TCGTTGG GGCTAGCTACAACGA GGCGTGTG 20250 1728 GUGAUAGC A UUGGGCUC 1719 GACCCCAA GGCTAGCTACAACGA GCCTACACCACGA GCCTACACCACCA 20251 1737 UUGGGCUC A CAAGAGGG 1721 CCCTCTTG GGCTAGCTACAACGA GCCACA 20252 1754 AGCUCUGC A UCCAGCU 1725 AAGCTTGA GGCTACAACGA GCCACACA 20253 1774 CUGGAGCA A CUGUCAAG 1735 CACAGGAA GCTACAACGA GCCCAC	1495	CUUCAUAC A CACUAAAG	1680	CTTTAGTG GGCTAGCTACAACGA GTATGAAG	20241
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1607 CUUGGUCC A UCGUGAGU 1698 ACTCACGA GGCTAGCTACAACGA GGACCAAG 20246 1621 AGUGGUUC A UGGACCUC 1699 GAGGTCCA GGCTAGCTACAACGA GAACCACT 20247 1701 GAGGAACC A CACGCCAC 1713 GTGGCGTG GGCTAGCTACAACGA GGTTCCTC 20248 1703 GGAACCAC A CGCCACGA 1714 TCGTGGCG GGCTAGCTACAACGA GGTGTTCC 20249 1708 CACACGCC A CGAAGCAG 1716 CTGCTTCG GGCTAGCTACAACGA GGCGTTGT 20250 1728 GUGAUAGC A UUGGGCUC 1719 GAGCCCAA GGCTAGCTACAACGA GGCGTTGC 20251 1737 UUGGGCUC A CAAGAGGG 1721 CCCTCTTG GGCTAGCTACAACGA GCGCTATCAC 20251 1737 UUGGGCUC A UCAAGCUU 1725 AAGCTTGA GGCTAGCTACAACGA GAGCCCAA 20252 1754 AGCUCUGC A UCAAGCUU 1725 AAGCTTGA GGCTAGCTACAACGA GCAGAGCT 20253 1774 CUGGAGCC A UUCCUGUG 1730 CACAGGAA GGCTAGCTACAACGA GCTCCAG 20254 1798 CAAGCAAC A CUGUCAAG 1735 CTTGACAG GGCTAGCTACAACGA GTTGCTG 20255 1820 GUCGGGUC A UUUGAAGU 1738 ACTTCAAA GGCTAGCTACAACGA GTCCTAG 20256 1918 CCGCAGAC A CAGGUCAC 1752 GTGACCTG GGCTAGCTACAACGA GACCCGAC 20256 1918 CCGCAGAC A CAGGUCAC 1752 GTGACCTG GGCTAGCTACAACGA GACCTGTG 20258 1930 GUCACGGC A CAGGUCAC 1754 CAGTGCCG GGCTAGCTACAACGA GACCTGTG 20258 1930 GUCACGGC A CAGGUCAC 1755 CACCACAG GGCTAGCTACAACGA GACCTGTG 20258 1930 GUCACGGC A CAGGUCAC 1758 CGTGCCAG GGCTAGCTACAACGA GACCTGTG 20258 1954 UGCAGUAC A CUGGCACG 1758 CGTGCCAG GGCTAGCTACAACGA GTACTGCA 20260 1960 ACACUGGC A CGGAUGA 1760 TCCATCCG GGCTAGCTACAACGA GCCATGTC 20256 1960 ACACUGGC A CGGAUGA 1760 TCCATCCG GGCTAGCTACAACGA GACCCACC 20262 1960 ACACUGGC A CGGCAACC 1753 GTTGACAG GGCTAGCTACAACGA GACCACC 20262 2035 GAUUGGUC A CUGUCAAC 1769 TCGTTCAA GGCTAGCTACAACGA GACCCACC 20262 2035 GAUUGGUC A CUGUCAAC 1775 GTTGACAG GGCTAGCTACAACGA GACCCACC 20262 2035 GAUUGGUC A CUGUCAAC 1775 GTTGACAG GGCTAGCTACAACGA GACCCACC 20263 20260 20260 20260 20260 20260 20260 20260 20260 20260 20260 20260 20260 20260 20260 20260 20260				ļ	
1621 AGUGGUUC A UGGACCUC 1699 GAGGTCCA GGCTAGCTACAACGA GAACCACT 20247 1701 GAGGAACC A CACGCAC 1713 GTGGCGTG GGCTAGCTACAACGA GGTTCCTC 20248 1703 GGAACCAC A CGCCACGA 1714 TCGTGGCG GGCTAGCTACAACGA GTGGTTCC 20249 1708 CACACGCC A CGAAGCAG 1716 CTGCTTCG GGCTAGCTACAACGA GGCGTGTG 20250 1728 GUGAUAGC A UUGGGCUC 1719 GAGCCCAA GGCTAGCTACAACGA GGCCCAA 20251 1737 UUGGGCUC A CAAGAGGG 1721 CCCTCTTG GGCTAGCTACAACGA GAGCCCAA 20252 1754 AGCUCUGC A UCAAGCUU 1725 AAGCTTGA GGCTAGCTACAACGA GGCCAGACCT 20253 1774 CUGGAGCC A UUCUGUG 1730 CACAGGAG GGCTAGCTACAACGA GGCTCCAG 20254 1798 CAAGCAAC A CUGUCAG 1735 CTTGACAG GGCTAGCTACAACGA GTCCTTG 20255 1820 GUCGGGUC A UUUGAAG 1735 CTTGACAG GGCTAGCTACAACGA GACCCGAC 20256 1918 CCGCAGAC A CAGGUCAC 1752 GTGACCTG GGCTAGCTACAACGA GTCTGCG 20257 1925 CACAGGUC A CGGCACG 1754 CAGTGCCG GGCTAGCTACAACGA GCCGTGC </td <td>-</td> <td></td> <td> </td> <td></td> <td> </td>	-		 		
1701 GAGGAACC A CACGCCAC 1713 GTGGCGTG GGCTAGCTACAACGA GGTTCCTC 20248 1703 GGAACCAC A CGCCACGA 1714 TCGTGGCG GGCTAGCTACAACGA GTGGTTCC 20249 1708 CACACGCC A CGAAGCAG 1716 CTGCTTCG GGCTAGCTACAACGA GGCTGTG 20250 1728 GUGAUAGC A UUGGGCUC 1719 GAGCCCAA GGCTACCACACGA GCCTACCA 20251 1737 UUGGGCUC A CAAGAGGU 1725 CCCTCTTG GGCTACACACGA GAGAGCT 20252 1754 AGCUCUGC A UCAAGCUU 1725 AAGCTTGA GGCTACACACAG GCAGAGCT 20253 1774 CUGGAGCC A UUCCUGUG 1730 CACAGGAA GGCTACACACAG GCTCCAG 20254 1798 CAAGCAAC A CUGUCAAG 1735 CTTGACAG GGCTACCTACAACGA GTTGCTTG 20255 1820 GUCGGGUC A UUUGAAGU 1738 ACTTCAAA GGCTAGCTACAACGA GTCTGCG 20256 1918 CCGCAGAC A CAGGUCAC 1752 GTGACCTG GGCTAGCTACAACGA GACCCGAC 20256 1925 CACAGGUC A CGGCACUG 1754 CAGTGCCG GGCTAGCTACAACGA GACCTGTG 20258 1930 GUCACGGC A CUGUGGUG 1758 CGTGCCAG GGCTAGCTACAACGA GCCATGC	\vdash				1
1703 GGAACCAC A CGCCACGA 1714 TCGTGGCG GGCTAGCTACAACGA GTGGTTCC 20249 1708 CACACGCC A CGAAGCAG 1716 CTGCTTCG GGCTAGCTACAACGA GGCGTGTG 20250 1728 GUGAUAGC A UUGGGCUC 1719 GAGCCCAA GGCTAGCTACAACGA GCTATCAC 20251 1737 UUGGGCUC A CAAGAGGG 1721 CCCTCTTG GGCTAGCTACAACGA GAGCCCAA 20252 1754 AGCUCUGC A UCAAGCUU 1725 AAGCTTGA GGCTAGCTACAACGA GCAGAGCT 20253 1774 CUGGAGCC A UUCCUGUG 1730 CACAGGAA GGCTAGCTACAACGA GCTTGCTG 20254 1798 CAAGCAAC A CUGUCAAG 1735 CTTGACAG GGCTAGCTACAACGA GTTGCTTG 20255 1820 GUCGGGUC A UUUGAAGU 1738 ACTTCAAA GGCTAGCTACAACGA GTCTGCGG 20256 1918 CCGCAGAC A CAGGUCAC 1752 GTGACCTG GGCTAGCTACAACGA GTCTGCG 20257 1925 CACAGGUC A CGGCACUG 1754 CAGTGCCG GGCTAGCTACAACGA GACCTGTG 20258 1930 GUCACGGC A CUGUGGUG 1755 CACACAG GGCTAGCTACAACGA GCCGTGCC 20259 1954 UGCAGUAC A CUGGCAC 1758 CGTGCCAG GGCTA					
1708 CACACGCC A CGAAGCAG 1716 CTGCTTCG GGCTAGCTACAACGA GGCGTGTG 20250 1728 GUGAUAGC A UUGGGCUC 1719 GAGCCCAA GGCTAGCTACAACGA GCTATCAC 20251 1737 UUGGGCUC A CAAGAGGG 1721 CCCTCTTG GGCTAGCTACAACGA GAGCCCAA 20252 1754 AGCUCUGC A UCAAGCUU 1725 AAGCTTGA GGCTACAACGA GCAGAGCT 20253 1774 CUGGAGCC A UUCCUGUG 1730 CACAGGAA GGCTACAACGA GCTCCAG 20254 1798 CAAGCAAC A CUGUCAAG 1735 CTTGACAG GGCTAGCTACAACGA GTTGCTTG 20255 1820 GUCGGGUC A UUUGAAGU 1738 ACTTCAAA GGCTAGCTACAACGA GACCCGAC 20256 1918 CCGCAGAC A CAGGUCAC 1752 GTGACCTG GGCTAGCTACAACGA GTCTGCGG 20257 1925 CACAGGGUC A CUGUGGUG 1754 CAGTGCCG GGCTAGCTACAACGA GACCTGTG 20258 1930 GUCACGGC A CUGUGGUG 1755 CACCACCA GGCTACAACGA GTACTGCA 20259 1954 UGCAGUAC A CUGUGAC 1758 CGTGCCAG GGCTACAACGA GTACTACA 20260 1954 UGCAGUCA C A CGGUCAC 1758 CGTGCCAG GGCTACAACGA GACCACTA <	-				
1728 GUGAUAGC A UUGGGCUC 1719 GAGCCCAA GGCTAGCTACAACGA GCTATCAC 20251 1737 UUGGGCUC A CAAGAGGG 1721 CCCTCTTG GGCTAGCTACAACGA GAGCCCAA 20252 1754 AGCUCUGC A UCAAGCUU 1725 AAGCTTGA GGCTAGCTACAACGA GCAGAGCT 20253 1774 CUGGAGCC A UUCCUGUG 1730 CACAGGAA GGCTAGCTACAACGA GGCTCCAG 20254 1798 CAAGCAAC A CUGUCAAG 1735 CTTGACAG GGCTAGCTACAACGA GTCGCTG 20255 1820 GUCGGGUC A UUUGAAGU 1738 ACTTCAAA GGCTAGCTACAACGA GACCCGAC 20256 1918 CCGCAGAC A CAGGUCAC 1752 GTGACCTG GGCTAGCTACAACGA GTCTGCGG 20257 1925 CACAGGUC A CGGCACUG 1754 CAGTGCCG GGCTAGCTACAACGA GACCTGTG 20258 1930 GUCACGGC A CUGUGGUG 1755 CACCACAG GGCTAGCTACAACGA GTACTGCA 20259 1954 UGCAGUAC A CUGGCACG 1758 CGTGCCAG GGCTAGCTACAACGA GTACTGCA 20260 1960 ACACUGGC A CGGAUGGA 1760 TCCATCCG GGCTAGCTACAACGA GAAGCCAC 20261 2001 GUGGCUUC A UUGAACGA 1769 TCGTTCAA GGCTAGCTACAACGA GACC					20249
1737 UUGGGCUC A CAAGAGGG 1721 CCCTCTTG GGCTAGCTACAACGA GAGCCCAA 20252 1754 AGCUCUGC A UCAAGCUU 1725 AAGCTTGA GGCTACCAACGA GCAGAGCT 20253 1774 CUGGAGCC A UUCCUGUG 1730 CACAGGAA GGCTACCAACGA GGCTCCAG 20254 1798 CAAGCAAC A CUGUCAAG 1735 CTTGACAG GGCTACCACACGA GTTGCTTG 20255 1820 GUCGGGUC A UUUGAAGU 1738 ACTTCAAA GGCTACCACACGA GACCCGAC 20256 1918 CCGCAGAC A CAGGUCAC 1752 GTGACCTG GGCTAGCTACAACGA GTCTGCGG 20257 1925 CACAGGUC A CGGCACUG 1754 CAGTGCCG GGCTAGCTACAACGA GACCTGTG 20258 1930 GUCACGGC A CUGUGGUG 1755 CACCACAG GGCTAGCTACAACGA GCCGTGAC 20259 1954 UGCAGUAC A CUGUGGAC 1758 CGTGCCAG GGCTAGCTACAACGA GTACTGCA 20260 1960 ACACUGGC A CGGAUGGA 1760 TCCATCCG GGCTAGCTACAACGA GAAGCCAC 20261 2001 GUGGCUUC A UUGAACC 1775 GTTGACAG GGCTAGCTACAACGA GAAGCCAC 20262 2035 GAUUGGUC A CUGUCAAC 1775 GTTGACAG GGCTAGCTACAACGA GACCATC					+
1754 AGCUCUGC A UCAAGCUU 1725 AAGCTTGA GGCTACAACGA GCAGAGCT 20253 1774 CUGGAGCC A UUCCUGUG 1730 CACAGGAA GGCTACCAACGA GGCTCCAG 20254 1798 CAAGCAAC A CUGUCAAG 1735 CTTGACAG GGCTACCAACGA GTTGCTTG 20255 1820 GUCGGGUC A UUUGAAGU 1738 ACTTCAAA GGCTACAACGA GACCCGAC 20256 1918 CCGCAGAC A CAGGUCAC 1752 GTGACCTG GGCTAGCTACAACGA GTCTGCGG 20257 1925 CACAGGUC A CAGGUCAC 1754 CAGTGCCG GGCTAGCTACAACGA GACCTGTG 20258 1930 GUCACGGC A CUGUGGUG 1755 CACCACAG GGCTAGCTACAACGA GCCGTGAC 20259 1954 UGCAGUAC A CUGGCACG 1758 CGTGCCAG GGCTAGCTACAACGA GTACTGCA 20260 1960 ACACUGGC A CGGAUGA 1760 TCCATCCG GGCTAGCTACAACGA GCCAGTGT 20261 2001 GUGGCUUC A UUGAACGA 1769 TCGTTCAA GGCTAGCTACAACGA GACCAC 20262 2035 GAUUGGUC A CUGUCAAC 1775 GTTGACAG GGCTAGCTACAACGA GCCACTG 20263 2062 CAGUGGCC A CGGCCAAC 1783 GTTGGCG GGCTAGCTACAACGA GGCCACTG	-				20251
1774 CUGGAGCC A UUCCUGUG 1730 CACAGGAA GGCTAGCTACAACGA GGCTCCAG 20254 1798 CAAGCAAC A CUGUCAAG 1735 CTTGACAG GGCTAGCTACAACGA GTTGCTTG 20255 1820 GUCGGGUC A UUUGAAGU 1738 ACTTCAAA GGCTAGCTACAACGA GACCCGAC 20256 1918 CCGCAGAC A CAGGUCAC 1752 GTGACCTG GGCTAGCTACAACGA GACCTGTG 20257 1925 CACAGGUC A CAGGUCAC 1754 CAGTGCCG GGCTAGCTACAACGA GACCTGTG 20258 1930 GUCACGGC A CUGUGGUG 1755 CACCACAG GGCTAGCTACAACGA GCCGTGAC 20259 1954 UGCAGUAC A CUGGCACG 1758 CGTGCCAG GGCTAGCTACAACGA GTACTGCA 20260 1960 ACACUGGC A CGGAUGGA 1760 TCCATCCG GGCTAGCTACAACGA GCCAGTGT 20261 2001 GUGGCUUC A UUGAACGA 1769 TCGTTCAA GGCTAGCTACAACGA GACCAC 20262 2035 GAUUGGUC A CUGUCAAC 1775 GTTGACAG GGCTAGCTACAACGA GACCAAC 20263 2062 CAGUGGCC A CGGCCAAC 1783 GTTGGCG GGCTAGCTACAACGA GCCACTG 20264 2097 UUGGAACC A CCCUUUGG 1790 CCAAAGGG GGCTAGCTACAACGA GGTTCCAA			1721	CCCTCTTG GGCTAGCTACAACGA GAGCCCAA	20252
1798 CAAGCAAC A CUGUCAAG 1735 CTTGACAG GGCTAGCTACAACGA GTTGCTTG 20255 1820 GUCGGGUC A UUUGAAGU 1738 ACTTCAAA GGCTAGCTACAACGA GACCCGAC 20256 1918 CCGCAGAC A CAGGUCAC 1752 GTGACCTG GGCTAGCTACAACGA GTCTGCGG 20257 1925 CACAGGUC A CAGGUCAC 1754 CAGTGCCG GGCTAGCTACAACGA GACCTGTG 20258 1930 GUCACGGC A CUGUGGUG 1755 CACCACAG GGCTAGCTACAACGA GCCGTGAC 20259 1954 UGCAGUAC A CUGGCACG 1758 CGTGCCAG GGCTAGCTACAACGA GTACTGCA 20260 1960 ACACUGGC A CGGAUGGA 1760 TCCATCCG GGCTAGCTACAACGA GCCAGTGT 20261 2001 GUGGCUUC A UUGAACGA 1769 TCGTTCAA GGCTAGCTACAACGA GAGCCAC 20262 2035 GAUUGGUC A CUGUCAAC 1775 GTTGACAG GGCTAGCTACAACGA GACCAATC 20263 2062 CAGUGGCC A CGGCCAAC 1783 GTTGGCCG GGCTAGCTACAACGA GGCCACTG 20264 2097 UUGGAACC A CCCUUUGG 1790 CCAAAGGG GGCTAGCTACAACGA GGTTCCAA 20265 2112 GGAGACUC A UACAUAGU 1795 ACTATGTA GGCTAGCTACAACGA GAGT		AGCUCUGC A UCAAGCUU	1725	AAGCTTGA GGCTAGCTACAACGA GCAGAGCT	20253
1820 GUCGGGUC A UUUGAAGU 1738 ACTTCAAA GGCTAGCTACAACGA GACCCGAC 20256 1918 CCGCAGAC A CAGGUCAC 1752 GTGACCTG GGCTAGCTACAACGA GTCTGCGG 20257 1925 CACAGGUC A CGGCACUG 1754 CAGTGCCG GGCTAGCTACAACGA GACCTGTG 20258 1930 GUCACGGC A CUGUGGUG 1755 CACCACAG GGCTAGCTACAACGA GCCGTGAC 20259 1954 UGCAGUAC A CUGGCACG 1758 CGTGCCAG GGCTAGCTACAACGA GTACTGCA 20260 1960 ACACUGGC A CGGAUGA 1760 TCCATCCG GGCTAGCTACAACGA GCCAGTGT 20261 2001 GUGGCUUC A UUGAACGA 1769 TCGTTCAA GGCTAGCTACAACGA GAAGCCAC 20262 2035 GAUUGGUC A CUGUCAAC 1775 GTTGACAG GGCTAGCTACAACGA GACCAATC 20263 2062 CAGUGGCC A CGGCCAAC 1783 GTTGGCCG GGCTAGCTACAACGA GGCCACTG 20264 2097 UUGGAACC A CCCUUUGG 1790 CCAAAGGG GGCTAGCTACAACGA GGTTCCAA 20265 2112 GGAGACUC A UACAUAGU 1795 ACTATGTA GGCTAGCTACAACGA GAGTCTCC 20266 2116 ACUCAUAC A UAGUGGUG 1796 CACCACTA GGCTAGCTACAACGA GTAT	1774	CUGGAGCC A UUCCUGUG	1730	CACAGGAA GGCTAGCTACAACGA GGCTCCAG	20254
1820 GUCGGGUC A UUUGAAGU 1738 ACTTCAAA GGCTAGCTACAACGA GACCCGAC 20256 1918 CCGCAGAC A CAGGUCAC 1752 GTGACCTG GGCTAGCAACGA GTCTGCGG 20257 1925 CACAGGUC A CGGCACUG 1754 CAGTGCCG GGCTAGCTACAACGA GACCTGTG 20258 1930 GUCACGGC A CUGUGGUG 1755 CACCACAG GGCTAGCTACAACGA GCCGTGAC 20259 1954 UGCAGUAC A CUGGCACG 1758 CGTGCCAG GGCTAGCTACAACGA GCCAGTGT 20260 1960 ACACUGGC A CGGAUGA 1760 TCCATCCG GGCTAGCTACAACGA GCCAGTGT 20261 2001 GUGGCUUC A UUGAACGA 1769 TCGTTCAA GGCTAGCTACAACGA GAAGCCAC 20262 2035 GAUUGGUC A CUGUCAAC 1775 GTTGACAG GGCTAGCTACAACGA GACCAATC 20263 2062 CAGUGGCC A CGGCCAAC 1783 GTTGGCCG GGCTAGCTACAACGA GGCCACTG 20264 2097 UUGGAACC A CCCUUUGG 1790 CCAAAGGG GGCTAGCTACAACGA GGTTCCAA 20265 2112 GGAGACUC A UACAUAGU 1795 ACTATGTA GGCTAGCTACAACGA GAGTCTCC 20266 2116 ACUCAUAC A UAGUGGUG 1796 CACCACTA GGCTAGCTACAACGA GTATGAT	1798	CAAGCAAC A CUGUCAAG	1735	CTTGACAG GGCTAGCTACAACGA GTTGCTTG	20255
1918CCGCAGACA CAGGUCAC1752GTGACCTG GGCTAGCTACAACGA GTCTGCGG202571925CACAGGUCA CGGCACUG1754CAGTGCCG GGCTAGCTACAACGA GACCTGTG202581930GUCACGGCA CUGUGGUG1755CACCACAG GGCTAGCTACAACGA GCCGTGAC202591954UGCAGUACA CUGGCACG1758CGTGCCAG GGCTAGCTACAACGA GTACTGCA202601960ACACUGGCA CGGAUGGA1760TCCATCCG GGCTAGCTACAACGA GCCAGTGT202612001GUGGCUUCA UUGAACGA1769TCGTTCAA GGCTAGCTACAACGA GAGCCAC202622035GAUUGGUCA CUGUCAAC1775GTTGACAG GGCTAGCTACAACGA GACCAATC202632062CAGUGGCCA CGGCCAAC1783GTTGGCCG GGCTAGCTACAACGA GGCCACTG202642097UUGGAACCA CCCUUUGG1790CCAAAGGG GGCTAGCTACAACGA GGTTCCAA202652112GGAGACUCA UACAUAGU1795ACTATGTA GGCTAGCTACAACGA GAGTCTCC202662116ACUCAUACA UAGUGGUG1796CACCACTA GGCTAGCTACAACGA GTATGAGT20267	1820	GUCGGGUC A UUUGAAGU	1738	ACTTCAAA GGCTAGCTACAACGA GACCCGAC	20256
1925 CACAGGUC A CGGCACUG 1754 CAGTGCCG GGCTAGCTACAACGA GACCTGTG 20258 1930 GUCACGGC A CUGUGGUG 1755 CACCACAG GGCTAGCTACAACGA GCCGTGAC 20259 1954 UGCAGUAC A CUGGCACG 1758 CGTGCCAG GGCTAGCTACAACGA GTACTGCA 20260 1960 ACACUGGC A CGGAUGGA 1760 TCCATCCG GGCTAGCTACAACGA GCCAGTGT 20261 2001 GUGGCUUC A UUGAACGA 1769 TCGTTCAA GGCTAGCTACAACGA GAAGCCAC 20262 2035 GAUUGGUC A CUGUCAAC 1775 GTTGACAG GGCTAGCTACAACGA GACCAATC 20263 2062 CAGUGGCC A CGGCCAAC 1783 GTTGGCCG GGCTAGCTACAACGA GGCCACTG 20264 2097 UUGGAACC A CCCUUUGG 1790 CCAAAGGG GGCTAGCTACAACGA GGTTCCAA 20265 2112 GGAGACUC A UACAUAGU 1795 ACTATGTA GGCTAGCTACAACGA GAGTCTCC 20266 2116 ACUCAUAC A UAGUGGUG 1796 CACCACTA GGCTAGCTACAACGA GTATGAGT 20267	1918	CCGCAGAC A CAGGUCAC	1752		
1930 GUCACGGC A CUGUGGUG 1755 CACCACAG GGCTAGCTACAACGA GCCGTGAC 20259 1954 UGCAGUAC A CUGGCACG 1758 CGTGCCAG GGCTAGCTACAACGA GTACTGCA 20260 1960 ACACUGGC A CGGAUGGA 1760 TCCATCCG GGCTAGCTACAACGA GCCAGTGT 20261 2001 GUGGCUUC A UUGAACGA 1769 TCGTTCAA GGCTAGCTACAACGA GAAGCCAC 20262 2035 GAUUGGUC A CUGUCAAC 1775 GTTGACAG GGCTAGCTACAACGA GACCAATC 20263 2062 CAGUGGCC A CGGCCAAC 1783 GTTGGCCG GGCTAGCTACAACGA GGCCACTG 20264 2097 UUGGAACC A CCCUUUGG 1790 CCAAAGGG GGCTAGCTACAACGA GGTTCCAA 20265 2112 GGAGACUC A UACAUAGU 1795 ACTATGTA GGCTAGCTACAACGA GAGTCTCC 20266 2116 ACUCAUAC A UAGUGGUG 1796 CACCACTA GGCTAGCTACAACGA GTATGAGT 20267	1925				
1954 UGCAGUAC A CUGGCACG 1758 CGTGCCAG GGCTAGCTACAACGA GTACTGCA 20260 1960 ACACUGGC A CGGAUGGA 1760 TCCATCCG GGCTAGCTACAACGA GCCAGTGT 20261 2001 GUGGCUUC A UUGAACGA 1769 TCGTTCAA GGCTAGCTACAACGA GAAGCCAC 20262 2035 GAUUGGUC A CUGUCAAC 1775 GTTGACAG GGCTAGCTACAACGA GACCAATC 20263 2062 CAGUGGCC A CGGCCAAC 1783 GTTGGCCG GGCTAGCTACAACGA GGCCACTG 20264 2097 UUGGAACC A CCCUUUGG 1790 CCAAAGGG GGCTAGCTACAACGA GGTTCCAA 20265 2112 GGAGACUC A UACAUAGU 1795 ACTATGTA GGCTAGCTACAACGA GAGTCTCC 20266 2116 ACUCAUAC A UAGUGGUG 1796 CACCACTA GGCTAGCTACAACGA GTATGAGT 20267					
1960 ACACUGGC A CGGAUGGA 1760 TCCATCCG GGCTAGCTACAACGA GCCAGTGT 20261 2001 GUGGCUUC A UUGAACGA 1769 TCGTTCAA GGCTAGCTACAACGA GAAGCCAC 20262 2035 GAUUGGUC A CUGUCAAC 1775 GTTGACAG GGCTAGCTACAACGA GACCAATC 20263 2062 CAGUGGCC A CGGCCAAC 1783 GTTGGCCG GGCTAGCTACAACGA GGCCACTG 20264 2097 UUGGAACC A CCCUUUGG 1790 CCAAAGGG GGCTAGCTACAACGA GGTTCCAA 20265 2112 GGAGACUC A UACAUAGU 1795 ACTATGTA GGCTAGCTACAACGA GAGTCTCC 20266 2116 ACUCAUAC A UAGUGGUG 1796 CACCACTA GGCTAGCTACAACGA GTATGAGT 20267					
2001GUGGCUUC A UUGAACGA1769TCGTTCAA GGCTAGCTACAACGA GAAGCCAC202622035GAUUGGUC A CUGUCAAC1775GTTGACAG GGCTAGCTACAACGA GACCAATC202632062CAGUGGCC A CGGCCAAC1783GTTGGCCG GGCTAGCTACAACGA GGCCACTG202642097UUGGAACC A CCCUUUGG1790CCAAAGGG GGCTAGCTACAACGA GGTTCCAA202652112GGAGACUC A UACAUAGU1795ACTATGTA GGCTAGCTACAACGA GAGTCTCC202662116ACUCAUAC A UAGUGGUG1796CACCACTA GGCTAGCTACAACGA GTATGAGT20267					
2035 GAUUGGUC A CUGUCAAC 1775 GTTGACAG GGCTAGCTACAACGA GACCAATC 20263 2062 CAGUGGCC A CGGCCAAC 1783 GTTGGCCG GGCTAGCTACAACGA GGCCACTG 20264 2097 UUGGAACC A CCCUUUGG 1790 CCAAAGGG GGCTAGCTACAACGA GGTTCCAA 20265 2112 GGAGACUC A UACAUAGU 1795 ACTATGTA GGCTAGCTACAACGA GAGTCTCC 20266 2116 ACUCAUAC A UAGUGGUG 1796 CACCACTA GGCTAGCTACAACGA GTATGAGT 20267					
2062CAGUGGCC A CGGCCAAC1783GTTGGCCG GGCTAGCTACAACGA GGCCACTG202642097UUGGAACC A CCCUUUGG1790CCAAAGGG GGCTAGCTACAACGA GGTTCCAA202652112GGAGACUC A UACAUAGU1795ACTATGTA GGCTAGCTACAACGA GAGTCTCC202662116ACUCAUAC A UAGUGGUG1796CACCACTA GGCTAGCTACAACGA GTATGAGT20267	—				
2097UUGGAACC A CCCUUUGG1790CCAAAGGG GGCTAGCTACAACGA GGTTCCAA202652112GGAGACUC A UACAUAGU1795ACTATGTA GGCTAGCTACAACGA GAGTCTCC202662116ACUCAUAC A UAGUGGUG1796CACCACTA GGCTAGCTACAACGA GTATGAGT20267					
2112 GGAGACUC A UACAUAGU 1795 ACTATGTA GGCTAGCTACAACGA GAGTCTCC 20266 2116 ACUCAUAC A UAGUGGUG 1796 CACCACTA GGCTAGCTACAACGA GTATGAGT 20267					
2116 ACUCAUAC A UAGUGGUG 1796 CACCACTA GGCTAGCTACAACGA GTATGAGT 20267					
					
2150 GAUCAAUC A CCAUUGGC 1801 GCCAATGG GGCTAGCTACAACGA GATTGATC 20268					20267
	2150	GAUCAAUC A CCAUUGGC	1801	GCCAATGG GGCTAGCTACAACGA GATTGATC	20268

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	Table

2153	CAAUCACC A UUGGCACA	1803	TGTGCCAA GGCTAGCTACAACGA GGTGATTG	20269
2159	CCAUUGGC A CAAGUCUG	1804	CAGACTTG GGCTAGCTACAACGA GCCAATGG	20270
2176	GAAGCAGC A UUGGCAAA	1808	TTTGCCAA GGCTAGCTACAACGA GCTGCTTC	20271
2197	UUACAACC A CCCUCAAA	1814	TTTGAGGG GGCTAGCTACAACGA GGTTGTAA	20272
2236	UAGGAGAC A CAGCUUGG	1824	CCAAGCTG GGCTAGCTACAACGA GTCTCCTA	20273
2272	GGGUGUUC A CCUCAGUU	1829	AACTGAGG GGCTAGCTACAACGA GAACACCC	20274
2294	GGCUGUCC A UCAAGUGU	1835	ACACTTGA GGCTAGCTACAACGA GGACAGCC	20275
2313	GGAGGAGC A UUCCGCUC	1837	GAGCGGAA GGCTAGCTACAACGA GCTCCTCC	20276
2322	UUCCGCUC A CUGUUCGG	1840	CCGAACAG GGCTAGCTACAACGA GAGCGGAA	20277
2335	UCGGAGGC A UGUCCUGG	1842	CCAGGACA GGCTAGCTACAACGA GCCTCCGA	20278
2386	GGAUGGGC A UCAAUGCU	1851	AGCATTGA GGCTAGCTACAACGA GCCCATCC	20279
2407	AUAGGUCC A UAGCUCUC	1855	GAGAGCTA GGCTAGCTACAACGA GGACCTAT	20280
2416	UAGCUCUC A CGUUUCUC	1858	GAGAAACG GGCTAGCTACAACGA GAGAGCTA	20281
2465	GAACGUGC A CGCUGACA	1868	TGTCAGCG GGCTAGCTACAACGA GCACGTTC	20282
2473	ACGCUGAC A CUGGGUGU	1870	ACACCCAG GGCTAGCTACAACGA GTCAGCGT	20283
2485	GGUGUGCC A UAGACAUC	1873	GATGTCTA GGCTAGCTACAACGA GGCACACC	20284
2491	CCAUAGAC A UCAGCCGG	1874	CCGGCTGA GGCTAGCTACAACGA GTCTATGG	20285
2530	GAGUGUUC A UACACAAU	1879	ATTGTGTA GGCTAGCTACAACGA GAACACTC	20286
2534	GUUCAUAC A CAAUGAUG	1880	CATCATTG GGCTAGCTACAACGA GTATGAAC	20287
2586	GAAACGCC A CAAGGCCU	1889	AGGCCTTG GGCTAGCTACAACGA GGCGTTTC	20288
2605	CCAAGAUC A UUCAGAAA	1895	TTTCTGAA GGCTAGCTACAACGA GATCTTGG	20289
2618	GAAAGCUC A UAAGGAAG	1898	CTTCCTTA GGCTAGCTACAACGA GAGCTTTC	20290
2663	ACUGGAGC A UCAAAUGU	1904	ACATTTGA GGCTAGCTACAACGA GCTCCAGT	20291
2698	AGCUGAAC A CUCUUUUG	1908	CAAAAGAG GGCTAGCTACAACGA GTTCAGCT	20292
2769	AAGUCAGC A CCUAAACG	1916	CGTTTAGG GGCTAGCTACAACGA GCTGACTT	20293
2782	AACGCCUC A CCGCCACC	1921	GGTGGCGG GGCTAGCTACAACGA GAGGCGTT	20294
2788	UCACCGCC A CCACGGAA	1924	TTCCGTGG GGCTAGCTACAACGA GGCGGTGA	20295
2791	CCGCCACC A CGGAAAAA	1926	TTTTTCCG GGCTAGCTACAACGA GGTGGCGG	20296
2844	UUAUUUGC A CCAGAACU	1930	AGTTCTGG GGCTAGCTACAACGA GCAAATAA	20297
2863	CCAACAAC A CCUUUGUG	1937	CACAAAGG GGCTAGCTACAACGA GTTGTTGG	20298
2956	UUGGUCUC A CCAGCACU	1949	AGTGCTGG GGCTAGCTACAACGA GAGACCAA	20299
2962		1952	CATCCGAG GGCTAGCTACAACGA GCTGGTGA	
	UCACCAGC A CUCGGAUG			20300
2995	AGAGCAAC A CAACUGAA	1958	TTCAGTTG GGCTAGCTACAACGA GTTGCTCT	20301
3019	CGAAGAUC A UUGGAACG	1962	CGTTCCAA GGCTAGCTACAACGA GATCTTCG	20302
3053	GGCGAUCC A CAGUGACC	1968	GGTCACTG GGCTAGCTACAACGA GGATCGCC	20303
3135	GUCAAAUC A UGUACGUG	1981	CACGTACA GGCTAGCTACAACGA GATTTGAC	20304
3155	UGAGACGC A UACCUUGU	1984	ACAAGGTA GGCTAGCTACAACGA GCGTCTCA	20305
3205	UACCAGUC A CACUGGCG	1992	CGCCAGTG GGCTAGCTACAACGA GACTGGTA	20306
3207	CCAGUCAC A CUGGCGGG	1993	CCCGCCAG GGCTAGCTACAACGA GTGACTGG	20307
3219	GCGGGACC A CGAAGCAA	1996	TTGCTTCG GGCTAGCTACAACGA GGTCCCGC	20308
3230	AAGCAAUC A CAAUCGGA	1998	TCCGATTG GGCTAGCTACAACGA GATTGCTT	20309
3255	UACAAGAC A CAAAACCA	2003	TGGTTTTG GGCTAGCTACAACGA GTCTTGTA	20310
3270	CAGGGCCC A UGGGACGA	2009	TCGTCCCA GGCTAGCTACAACGA GGGCCCTG	20311
3325	CUACGGUC A CCCUGAGU	2017	ACTCAGGG GGCTAGCTACAACGA GACCGTAG	20312
3347	CUGCGGAC A CCGUGGAC	2022	GTCCACGG GGCTAGCTACAACGA GTCCGCAG	20313
3361	GACCUGCC A CUCGCACC	2027	GGTGCGAG GGCTAGCTACAACGA GGCAGGTC	20314
3367	CCACUCGC A CCACCACA	2029	TGTGGTGG GGCTAGCTACAACGA GCGAGTGG	20315
3370	CUCGCACC A CCACAGAG	2031	CTCTGTGG GGCTAGCTACAACGA GGTGCGAG	20316
3373	GCACCACC A CAGAGAGC	2033	GCTCTCTG GGCTAGCTACAACGA GGTGGTGC	20317
3418	GGAGCUGC A CCUUACCA	2039	TGGTAAGG GGCTAGCTACAACGA GCAGCTCC	20318
3426	ACCUUACC A CCACUGCG	2043	CGCAGTGG GGCTAGCTACAACGA GGTAAGGT	20319
3429	UUACCACC A CUGCGCUA	2045	TAGCGCAG GGCTAGCTACAACGA GGTGGTAA	20320
3480	AUCAGACC A CAGAGACA	2055	TGTCTCTG GGCTAGCTACAACGA GGTCTGAT	20321
3488	ACAGAGAC A UGAUGAAA	2057	TTTCATCA GGCTAGCTACAACGA GTCTCTGT	20321
3513	GUGCAGUC A CAAGUGAA	2062		+
3583	UCUUGGCC A CCCAGGAG		TTCACTTG GGCTAGCTACAACGA GACTGCAC	20323
		2075	CTCCTGGG GGCTAGCTACAACGA GGCCAAGA	20324
3625	AGAUCAGC A UGCCAGCU	2086	AGCTGGCA GGCTAGCTACAACGA GCTGATCT	20325
3670	UUGGGGGC A UUACUUAC	2096	GTAAGTAA GGCTAGCTACAACGA GCCCCCAA	20326
3679	UUACUUAC A CUGAUGUG	2098	CACATCAG GGCTAGCTACAACGA GTAAGTAA	20327
3700	GCUAUGUC A UCUUGGUG	2101	CACCAAGA GGCTAGCTACAACGA GACATAGC	20328
3752	CGUGGUAC A CUUGGCGC	2107	GCGCCAAG GGCTAGCTACAACGA GTACCACG	20329
3763	UGGCGCUC A UGGCGACC	2110	GGTCGCCA GGCTAGCTACAACGA GAGCGCCA	20330

5280 GUGCUAGC A CCAACCAG 2387 CTGGTTGG GGCTAGCTACAACGA GCTAGCAC 20374 5316 GCUGAAGC A CUGAGAGG 2395 CCTCTCAG GGCTAGCTACAACGA GCTTCAGC 20375 5332 GACUGCCC A UCCGGUAC 2400 GTACCGGA GGCTAGCTACAACGA GGCAGTC 20376 5346 UACCAGAC A UCCGCAGU 2404 ACTGCGGA GGCTAGCTACAACGA GTCTGGTA 20377 5366 CAGAGAAC A UAAUGGAA 2410 TTCCATTA GGCTAGCTACAACGA GTTCTCTG 20378 5392 UUGAUGUC A UGUGUCAU 2411 ATGACACA GGCTAGCTACAACGA GACACTCA 20379 5399 CAUGUGUC A UGCUACCC 2412 GGGTAGCA GGCTAGCTACAACGA GACACATG 20380 5410 CUACCCUC A CCCACAGG 2417 CCTGTGGG GGCTAGCTACAACGA GAGGGTAG 20381 5414 CCUCACCC A CAGGCUGA 2420 TCAGCCTG GGCTAGCTACAACGA GAGGAGC 20382 5432 GUCUCCUC A CAGGGUGC 2426 GCACCCTG GGCTAGCTACAACGA GAGGAGC 20383 5474 UGAGGCUC A UUUCACCG 2434 CGGTGAAA GGCTACAACGA GAGCCTCA 20386 5494 CAGCUAGC A UUCCACA 2435 TGGGTGG GGCTAGCTACAACGA GAAATGG				<u>, </u>	
1981 GGCUTIALIC A CHANGCCC 2129 ACCORCOG GGCTAGCTRCANCOG GATTACT 20333 100000000000000000000000000000000	3801	AUGGUGGC A UCGUUUCU	2117	AGAAACGA GGCTAGCTACAACGA GCCACCAT	20331
1995 1998	3838	AGGAGAAC A UUUUGUUG	2124	CAACAAAA GGCTAGCTACAACGA GTTCTCCT	20332
1996 GCRAINACA NUCACANC 2146 GANTGTTA GGCTAGCTACANCGA GGCTTCTCC 2935 2936 GCRAINACA NUCACANC 2147 TOTOSTTO GGCTAGCTACANCGA GARTGTTA 2937	3881	GGCUUAUC A CGAUGCCC	2129	GGGCATCG GGCTAGCTACAACGA GATAAGCC	20333
3966 GCCALIAGA A JUCKCARAC 2146 GTTSTERA GGCTAGCTACARAGA GTTSTROGC 20336 20379 AGRACIAGC A JUCKARACGU 2147 TOTGSTTE GGCTAGCTACARAGA GANTSTTA 20337 20379 AGRACGAC A UCKARACGU 2148 AGRCTGAG GGCTAGCTACARACGA GTTGCTTGT 20338 4014 UCGACCAC A UCKARACGU 2158 AGRCCGAG GGCTAGCTACARACGA GTGCTTGT 20338 4171 UCGACCCC A URAICCUU 2158 AGRCCGAG GGCTAGCTACARACGA GTGCTAGTACACACAC 20349 AGRCTCAC GGCTAGCTACARACGA GTGTAGCAC 20341 2171 UCGACCCC A URAICCUU 2184 AGRCTCAC GGCTAGCTACARACGA GGCATACTACACACGA GTATACTAC 20341 22467 GUUUUGCC A UCCUCGAA 2208 TCCCACACGA GGCTAGCTACARACGA GGCATACTAC 20342 2244 AGRCUUGAC A UUCCARAU 2215 AGRATCACA GGCTAGCTACARACGA GGCATACGA 20342 23303 UUGACUCC A UGCCAUAU 2217 CATTGGAA AGGCTAGCTACARACGA GGGTCACACACGA GGCACCCC 20464 2333 COGGGGUC A UUCCARAU 2217 CATTGGAA AGGCTAGCTACACAGA GGCCCCC 20444 234	3930	UUGAAUUC A CUGGCGGU	2140	ACCGCCAG GGCTAGCTACAACGA GAATTCAA	20334
1979 UARCATUC A CARCIGACA 2149 TOTOSTITO GICTAGCTACARGA GANTIGITA 20337 1979 RACAGGAC A LOCADAGOU 2159 AGCCCOGG GICTAGCTACARGA GTOSTITOT 20338 1014 CUGCURAC A CCCOGGCU 2158 ARGANICA GICTAGCTACARGA GTOSTITOT 20338 1015 CUGCURAC A UCRIDICUTU 2188 ARGANICA GICTAGCTACARGA	3961	UGAGAGCC A UAACAUUC	2145	GAATGTTA GGCTAGCTACAACGA GGCTCTCA	20335
1979 ACAAGGAC A UGAAAGUU 2149 AGGTTTGG GGCTAGCTACAAGGA GTGGTTGC 2038 4014 CUGCUAAC A CCCGGGCU 2159 AGCCCGGG GGCTAGCTACAACGA GTTGCGCA 20340 4197 CUGAUUGC A UGUGAUCC 2184 AGGCTAGCTACAACGA GGGTAGCTACAACGA GGGTAGCTACAACGA GGGTAGCTACAACGA GGGTAGCTACAACGA GGGTAGCTACAACGA GGAATCAC 4197 CUGAUUGCC A UGUGAUCC 2194 GGATCACA GGCTAGCTACAACGA GGGATACCA 20342 4294 AGCUUGAC A UUGACUCC 2212 GGATCACA GGCTAGCTACAACGA GGAATCAC 20342 4294 AGCUUGAC A UUGACUCC 2212 GGATCACA GGCTAGCTACAACGA GGGATCAC 20343 4303 UUGACUCC A UGCCAU 2215 AATGGCA GGCTAGCTACAACGA GGGATCAC 20344 4309 CCAUGGCC A UUCCAAUG 2217 CATTGGAA GGCTAGCTACAACGA GGACCCC 20444 4309 CCAUGGCC A UUCCAAUG 2227 CATTGGAA GGCTAGCTACAACGA GGCCCCC 20446 4331 CGGGGGCA A UUUCCUGG 2228 CCCAGGAAA GGCTAGCTACAACGA GGCCCCCC 20446 4497 CCCAGGCA A UUUCCUGG 2229 CCCAGGAAA GGCTAGCTACAACGA GGCCCCCC 20344 4497 CCCAGGCA A CUUUGAAAC 2229 CCCAGGAAA GGCTAGCTACAACGA GGCTCCCC 20344 4497 CCCAGGCA A CUUUGAAA 2229 TTCCAAGG GGCTAGCTACAACGA GGCTCCCC 20349 44549 GUGCGUCA AGAAGAAGA 2229 CCCAGGGAA GGCTAGCTACAACGA GCTCCCCCC 20349 45460 UUGUGGAC A CCUUUGAA 2229 CCCAGGAAG GGCTAGCTACAACGA GCTCCCCCC 20349 45461 GACCACCC 2266 TUAGGGGG GGCTAGCTACAACGA GCTCCCCCC 20354 4663 ACGCGCCC ACCACACCC 2276 TUAGGGGG GGCTAGCTACAACGA GCTCCCCCC 20354 4669 ACCACACCC 2276 GGTGGTCCCCCCC 20354 4669 ACCACACCC 2276 GGTGGTCCCCCCC 20354 4669 ACCACACCC 2276 GGTGGTCCCCCCCC 20354 4669 ACCACACCC 2276 GGTGGTCCCCCCCCC 20354 4669 ACCACACCC 2276 GGTGGTCCCCCCCCC 20354 4669 ACCACACCC 2276 GGTGGTCCCCCCCCC 20354 4669 ACCACACCC 2276 GGTGGTCCCCCCCC 20354 4669 ACCACACCC 2276 GGTGGTCCCCCCCCC 20354 4669 ACCACACCC 2276 GGTGGTCCCCCCCCC 20354 4669 ACCACACCC 2276 GGTGGTCCCCCCCCC 20354 4669 ACCACACCC 2276 GGTGGTCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC	3966	GCCAUAAC A UUCACAAC	2146	GTTGTGAA GGCTAGCTACAACGA GTTATGGC	20336
1914 CUGCUIAC A CCOGGGCU 2158 AACGCCGGG GGCTAGCTACAACGA GTTACCAG 20319 14171 UCRACCCC A UGRUCCUL 2188 AACGCCGG GGCTAGCTACAACGA GGGTTAGC 20341 14267 CUGAUUGC A UGGUCGGA 2208 TCCGACGA GGCTAGCTACAACGA GGCAACAC 20341 14267 UGUUGCC A UGGUCGGA 2208 TCCGACGA GGCTAGCTACAACGA GGCAACAC 20342 14267 UGUUGCC A UGGCCGUU 2212 GGATCAA GGCTAGCTACAACGA GGCAACAC 20343 14393 UUGACUCC A UGGCCGUU 2212 AATGGCCA GGCTAGCTACAACGA GGCATCAG GCTAGCTACAACGA GGCATCAG 20343 14393 UUGACUCC A UGGCCGUU 2215 AATGGCCA GGCTAGCTACAACGA GGCCATCGC 20343 14393 CCGGGGCCU A UGUUUGCU 2222 AGCAAACA GGCTAGCTACAACGA GGCCATCGC 20345 14396 CCGGGGCC A UGUUUGCUG 2228 CCAGGAAA GGCTAGCTACAACGA GGCCATCGC 20346 14897 CCAGGGGC A UGUUUGCUG 2228 ACCAGAACA GGCTAGCTACAACGA GAGCCCCCC 20347 1480 UCCAGCUC A UGAAUGAU 2229 ATCATTCA GGCTAGCTACAACGA GAGCCCCG 20346 14977 CCAGGGAG A CCUUGGAA 2242 TTCCAAGG GGCTAGCTACAACGA GAGCCCCG 20346 14977 CCAGGAGA CCUUGGAA 2242 TTCCAAGG GGCTAGCTACAACGA GAGCCCCG 20346 14984 GUGCCUCC A CCAAGAGAA 2265 TCTCTTTG GGCTAGCTACAACGA GAGCTGGA 20351 14084 AUGUCCUCC A CCAAGAGAA 2267 TCATTCA GGCTAGCTACAACGA GAGCTGGA 20351 14084 AUGUCCUCC A CCAAGAGAA 2272 TCCTTTG GGCTAGCTACAACGA GAGGAGT 20352 14693 ACGGGCC A CCGGCGUC 2276 GACCCCCC GGCTAGCTACAACGA GGTCCTCCC 20354 14693 ACGGGCC A CCGGCGUC 2276 GACCCCCC GGCTAGCTACAACGA GGTCCTCCC 20354 14694 ACGGGCC A CCGGCGUC 2276 GACCCCCC GGCTAGCTACAACGA GGTCCCCC 20354 14695 ACGGGCC A CCGCCCC 2276 GACCCCCC GGCTAGCTACAACGA GGTCCCCC 20354 14696 ACGGGCC A CCCCCC 2276 GACCCCC GGCTAGCTACAACGA GGTCCCCC 20354 14751 UGUUUCCCA A CCAAAGGAA 2272 TCCTTTG GGCTAGCTACAACGA GGTCCCCC 20354 14763 CCUUUGCAA A CCACCCC 2276 GACCCCC GGCTAGCTACAACGA GGTCCCCC 20354 14763 CCUUUGCAA A CCACCCC 2276 GACCCCC GGCTAGCTACAACGA GGTCCCCC 20354 14763 CCUUUGCAA A CCACCCC 2276 GACCCCC GGCTAGCTACAACGA GGT	3970	UAACAUUC A CAACGACA	2147	TGTCGTTG GGCTAGCTACAACGA GAATGTTA	20337
1371	3978	ACAACGAC A UCAAACGU	2149	ACGTTTGA GGCTAGCTACAACGA GTCGTTGT	20338
1397	4014	CUGCUAAC A CCCGGGCU	2158	AGCCCGGG GGCTAGCTACAACGA GTTAGCAG	20339
1257 USUUUGC A UCSUUGA 2218 TCCGAGGA GGCTAGCTACAACGA GGCAAACA 29342 4294 ASCUUGAC & UUGACUCC 2215 GARTCAA GGCTAGCTACACGA GTCAAGCT 20343 4303 UUGACUCC & UUGCCAUG 2215 AATGGCCA GGCTAGCTACAACGA GGCATGCTACAACGA GAGCCGC 20346 4497 CCCAGGAGCA A UUUCCUGGA 2229 ATCATTCA GGCTAGCTACAACGA GGCTAGCCACACGA 20348 4497 CCCAGGAGCA A CCUUGGAA 2242 TCCAAAGG GGCTACAACGA GAGCTGGC 20349 4549 GUGCAGCA A CCUUGGAA 2249 CCCAGGGGG GGCTACATCAACGA GTACTGCA 20349 4549 GUGCAGCA C CCCCCCGG 2249 CCCAGGGGG GGCTAGCTACAACGA GTACTGCA 20351 4630 UCCAAUGA C ACAGGAGCA 2265 TCTCTTTG GGCTAGCTACAACGA GTACTGCA 20351 4630 UCCAAUGA C ACAGCACC 2276 TCAGGGGG GGCTAGCTACAACGA GTACTGCA 20354 4638 ACUCCCUC A CCCACCAC 2276 GGTGGTCG GGCTACATCCAACGA GTACTGCA 20354 4638 ACUCCCUC A CCCACCAC 2276 GGTGGTCG GGCTACATCCAACGA GTACTGCA 20354 4659 ACAGGACA C C 2276 GGTGGTCG GGCTACATCCAACGA GTACTCCCC 20354 4659 ACAGGACC 2276 GGTGGTCG GGCTACATCCAACGA GTCCCCCC 20354 4659 ACAGGACC 2276 GGTGGTCG GGCTACATCCAACGA GGTCCCCCC 20354 4659 ACAGGACC 2276 GGTGGTCG GGCTACATCCAACGA GGTCCCCC 20355 4667 ACAGGACC UGACCACC 2276 GGTGGTCG GGCTACATCCAACGA GGTCCCCC 20355 4659 ACAGGACC UGACCACC 2276 GGTGGTCG GGCTACATCCAACGA GGTCCCCC 20355 4659 ACAGGACC UGACCACC 2276 GGTGGTCG GGCTACATCCAACGA GGTCCACAC 20355 4751 UUUCCAC CCCCUUGG 2276 ACAGGTCA GGCTACATCCAACGA GGTCACACCAC 20355 CCCACTA GGCTACATCCAACGA GGTCAACAC 20356 4751 UUUCCAC CCCCUUGG 2290 ACAGGTCA GGCTACATCCAACGA GGTACACCAC 20356 4751 UUCCACA CCCCUUGAG 2315 CCCACTA GGCTACATCCAACGA GGTACACCAC 20356 CCCACTA GGCACAT 20364 4751	4171	UCAACCCC A UGAUCCUU	2188	AAGGATCA GGCTAGCTACAACGA GGGGTTGA	20340
1935 AGCUUGAC A UUGACUCC 2212 GRAGTCAA GGCTACGARCAGA GTCAAGCT 20343 4303 UUGACCCA UUCCAAUG 2215 AATGGCCA GGCTAGCTACAACGA GGAGTCAA 20345 43039 CCAUGGGC A UUUCCAAUG 2217 CATTGGAA GGCTAGCTACAACGA GGCCATG 20345 4333 CGGGGCCC A UUUCCAGUC 2222 AGCAAACA GGCTAGCTACAACGA GGCCATG 20346 4336 CGGGGGCC A UUUCCAGUC 2222 AGCAAACA GGCTAGCTACAACGA GGCCATG 20347 4400 UCCAGCUC A UGAAUGAU 2239 ATCATTCA GGCTAGCTACAACGA GACCCCG 20347 4400 UCCAGGUC A UGAAUGAU 2239 ATCATTCA GGCTAGCTACAACGA GACCCCG 20347 4400 UCCAGGUC A UGAAUGAU 2239 ATCATTCA GGCTAGCTACAACGA GACCTGCA 20349 4400 UCCAGGUC A UGAAUGAU 2242 TTCCAAGG GGCTAGCTACAACGA GACCTGCA 20349 4400 UCCAGGUC A CCUUGGAA 2242 TTCCAAGG GGCTAGCTACAACGA GTCCTCGA 20349 4400 UCCAGGUC A CCUUGGAA 2242 CCAGGGGG GGCTAGCTACAACGA GTCCCCCA 20352 4600 UCCAAUAC A CAAAGAGA 2265 TCCTTTTG GGCTAGCTACAACGA GTCCCCCA 20352 4633 ACUCCCUC A CCAAGGGA 2276 TGAGGGGG GGCTAGCTACAACGA GTCCCCCA 20352 4633 ACUCCCUC A CCAAGGGA 2276 TGAGGGGG GGCTAGCTACAACGA GTCCCCCC 20354 4663 AGGGGGA C ACGCCACC 2276 GGTGGTCG GGCTAGCTACAACGA GTCCCCCC 20354 4669 ACAGGACC A CCGCCUU 2282 ACGGGGG GGCTAGCTACAACGA GTCCCCC 20354 4669 ACAGGACC A CCGCCUU 2282 ACGGGTCG GGCTAGCTACAACGA GTCCCCCC 20354 4669 ACAGGACC A CCCCUU 2290 AAAGGGTG GGCTAGCTACAACGA GTCCCCCT 20354 4675 AUGUUCCCA ACCCCUU 2290 AAAGGGTG GGCTAGCTACAACGA GTCCCCCT 20354 4751 UGUUUCCCA ACCCCUU 2290 AAAGGGTG GGCTACATCAACGA GTCCCACC 20356 47651 UGUUUCCCA ACCCCUU 2290 AAAGGGTG GGCTACATCAACGA GTCCCACC 20356 47651 UUUCCCAC ACCCCUU 2291 CCAAAGGG GGCTACATCAACGA GTCCCACC 20356 CCCAAGGG GGCTACATCAACGA GGCTAACTCAACGA GTCCCACC 20356 CCCAAGGG GGCTACATCAACGA GGCTAACTCAACGA GTCCCACC 20356 CCCAAGGG GGCTACATCAACGA GGCTAACTCAACGA GCCTAACTCAACGA GCCTAACTCAACGA GCCTAACTCAACGA GCCTAACTCAACGA GCCTAACTCAACGA GCCTACACCACC 40400000000000000000000000000000000	4197	CUGAUUGC A UGUGAUCC	2194	GGATCACA GGCTAGCTACAACGA GCAATCAG	20341
1930	4267	UGUUUGCC A UCGUCGGA	2208	TCCGACGA GGCTAGCTACAACGA GGCAAACA	20342
4309 CCAUGGCC A UUCCANUG 2217 CATTGGAA GGCTAGCTACAACGA GGCCATGG 20346 4336 CGGGCCCC A UUUCCUGG 2222 AGCANACA GGCTAGCTACAACGA GAGCCCCG 20347 4480 UCCAGCUC A UGAUGGU 2239 ATCATTCA GGCTAGCTACAACGA GAGCCCGG 20347 4480 UCCAGCUC A UGAUGGU 2239 ATCATTCA GGCTAGCTACAACGA GAGCCCGG 20347 4480 UCCAGCUC A UGAUGGU 2249 CCAGGGGG GGCTAGCTACAACGA GAGCCCTGG 20348 4497 CCAGGGAC A CCUUGGAA 2249 CCAGGGGG GGCTAGCTACAACGA GTCCCTGG 20349 4549 GUGGGGAC CCCCCUGG 2249 CCAGGGGG GGCTAGCTACAACGA GTACGCAC 20350 4603 UCCAGUCC A CAAAGAGA 22767 TCAGGGGG GGCTAGCTACAACGA GTACGCAC 20351 4630 UGUGGGGA CUCCCUCA 2267 TCAGGGGG GGCTAGCTACAACGA GTACTGCA 20351 4630 UGUGGGGA CUCCCUCA 2267 TCAGGGGG GGCTAGCTACAACGA GTACTGCA 20351 4663 ACUCCCUC A CCAAAGGG 2276 TCCTTTTG GGCTAGCTACAACGA GTACTCCAC 20354 46663 ACGGGACC CAGCCACC 2276 GAGGGCGG GGCTAGCTACAACGA GTCCTCCT 20354 4669 ACACGACC A CGGCCGC 2276 GAGGGCGG GGCTAGCTACAACGA GAGGGAGT 20354 4669 ACACGACC A CGGCCGC 2278 GACGCCCG GCTAGCTACAACGA GTCCTGT 20355 4669 ACACGACC A CGGCCGC 2278 GACGCCCG GCTAGCTACAACGA GTCCTGT 20355 4751 UGUUUCC A CACCCUUU 2290 AAAGGGTG GGCTAGCTACAACGA GTCACTT 20355 4753 UUUUCCAC A CCCCUUUG 2291 CCAAAGGG GGCTAGCTACAACGA GGAAACA 20357 4763 CCUUUGCC A UACUGGGG 2295 TCTTCTGG GCTAGCTACAACGA GGAAACA 20357 4763 CCUUUGCC A UACUGGGG 2205 CCCCAGTA GGCTAGCTACAACGA GGTCCCAA 20360 4812 CUGGACCC UACUGGGG 2205 CCCCAGTA GGCTAGCTACAACGA GGTCCCAA 20360 4812 CUGGACCC UACUGGGG 2205 CCCCAGTA GGCTAGCTACAACGA GGTCCCAA 20360 4812 CUGGACCC UACUGAGG 2236 CCTCAGG GCTAGCCTACAACGA GGTCCCAA 20360 4812 CUGGACCC UACUGAGG 2236 CCTCAGG GCTAGCCTACAACGA GGTCCCAA 20360 4812 CUGGACCC UACUGAGA 2236 CCCCAGTA GGCTAGCTACAACGA GGTCCCAA 20360 CCCCCCC UACUGAGG 2236 CCCCCAGTA GGCTAGCTACAACGA GGCCTGCA 20360 CCCCCCC UACUGAGG 2236 CCCCCCC CCAGGG	4294	AGCUUGAC A UUGACUCC	2212	GGAGTCAA GGCTAGCTACAACGA GTCAAGCT	20343
4333 CGGGGCUC A UGUUUCCUG 2222 AGCARGAA GGCTAGCTACAACGA GAGCCCCG 20347 4336 CGGCGGAC A UUUCCUGG 2228 CCAGGAAA GGCTAGCTACAACGA GAGCCCGC 20347 4480 UCCAGCUC A UGAAUGAU 2233 ATCATTCA GGCTACAACGA GAGCTGGA 20348 4497 CCAGGAGC A CUUGGAA 2242 TTCCAAGG GGCTAGCTACAACGA GTCCCTCG 20349 4549 GUGCGUAC A CCCCCUCA 2265 TCTCTTTG GGCTAGCTACAACGA GTTGGA 20352 4630 UGCRAUAC A CUCCCUCA 2267 TGAGGGGA GGCTAGCTACAACGA GTCCCAC 20352 4633 ACUCCCUC A CAAAAGGA 2272 TCCTTTGG GGCTAGCTACAACGA GTCCCCC 20354 4663 ACGGGGGAC C CGGCCC 2276 GGTGGTCG GGCTAGCTACAACGA GTCCCCT 20354 4667 ACAGGACC A CGGCGUC 2276 GGTGGTCG GGCTAGCTACAACGA GTCCCCT 20354 4781 UGUUUCCA C ACCCCUUU 2282 ACGAGTCA GGCTAGCTACAACGA GTCCTCT 20356 4781 UGUUUCCA C ACCCUUU 2290 AAAGGTCA GGCTAGCTACAACGA GTCACAACGA 20357 4783 CUUUCCAA CACCUUU 2290 AAAGGTG GCCTACAACGA GACCAACGA	4303	UUGACUCC A UGGCCAUU	2215	AATGGCCA GGCTAGCTACAACGA GGAGTCAA	20344
4396	4309	CCAUGGCC A UUCCAAUG	2217	CATTGGAA GGCTAGCTACAACGA GGCCATGG	20345
4480 UCCAGCUC A UGAAUGAU 2239 ATCATTCA GGCTAGCTACAACGA GACCTCGG 20349 4497 CCAGGGGC A CCUUGGGA 2242 TTCCAAGG GGCTAGCTACAACGA GCTCCTGG 20349 4693 UCCAAUAC A CACCCUUG 2249 CCAGGGGG GGCTAGCTACAACGA GTACCGCA 20350 4603 UCCAAUAC A CAAAGGA 2265 TCTCTTTG GGCTAGCTACAACGA GTACTGCAC 20350 4603 UCCAAUAC A CAAAGGA 2265 TCTCTTTG GGCTAGCTACAACGA GTACTGCAC 20350 4638 ACUCCCUC A CCAAAGGA 2272 TCCTTTG GGCTAGCTACAACGA GTACTGCAC 20352 4638 ACUCCCUC A CCAAAGGA 2276 GGTGGTG GGCTAGCTACAACGA GTACTGCAC 20354 4663 AGGGGGAC A CGACCACC 2276 GGTGGTG GGCTAGCTACAACGA GTCCCCC 20354 4669 ACACGACC A CCACCUUU 2280 ACAGGGCG GGCTAGCTACAACGA GTCCCGC 20354 4669 ACACGACC A CACCCUUU 2280 ACAGGCGG GGCTAGCTACAACGA GTCCTGT 20355 4669 ACACGACC A CACCCUUU 2290 AAAAGGGG GGCTAGCTACAACGA GTCCTGT 20355 46751 UGUUUCCA C ACCCCUUU 2290 AAAAGGGG GGCTAGCTACAACGA GTCCTGT 20356 46751 UUUUCCAC A CCCCUUUG 2291 CCAAAGGG GGCTAGCTACAACGA GTCCTGT 20356 4753 UUUUCCAC A CCCCUUUG 2291 CCAAAGGG GGCTAGCTACAACGA GTGGAAACA 20357 4753 UUUUCCAC A CCCUUUG 2291 CCAAAGGG GGCTAGCTACAACGA GTGGAAACA 20356 4763 CCUUGAGCC A UACUAGGG 2305 CCCCCAGTTA GGCTAGCTACAACGA GCCAAAGG 20359 4763 UUUCCAC A CACGUUUG 2291 TCCAAAGGG GGCTAGCTACAACGA GCCAAAGG 20359 4763 UUUCCAC A CACGUUUG 2305 TTGTTGTA GGCTAGCTACAACGA GCCAAAGG 20356 4871 AUUCCAC A CACGUAGGA 2314 TCCACTTG GGCTAGCTACAACGA GCTCAACT 20366 4871 AUUCCAC A CAUGUGGG 2326 CCCTCAGG GGCTAGCTACAACGA GCTCAAT 20361 4871 AUUCCAC A CUGAAGGA 2335 TGTTCCAG GGCTAGCTACAACGA GCTCAAT 20361 5013 ACUGAACA UCAGGACA 2335 TGTTCCAG GGCTAGCTACAACGA GCTCCACT 20366 505 ACUUCCC A CUGAAACA 2335 TGTTCCAG GGCTAGCTACAACGA GCGTCACTACACGA GCTCACTACACGA GCTCACACGA GCTCACACGA GCTCACACGA GCCTCCACCACGA 20365 5014 ALGUGAACA UCAGGACA 2335 TGTTCCAG GGCTAGCTACAACGA GACCTCCAC 20366 5015 ACUUCCC A CUGAAGAC 2336 GGCTGCATA GGCTAGCTACAACGA GACCTCCA 20365 5016 ACUUCCC A CAGAUACU 2346 GGCAATT GGCTAGCTACAACGA GACCTCCA 20365 5017 ACUGCCC A UAAACAGA 2337 GACCTCA GGCTAGCTACAACGA GACCTCCA 20365 5018 ACUUCCC A UAACAGAC 2336 CCCCTCTCAG GGCTAGCTACAACGA GACCTCCAC 20364 5019 AACGGCC A UAAACAGA 2336 CC	4333	CGGGGCUC A UGUUUGCU	2222	AGCAAACA GGCTAGCTACAACGA GAGCCCCG	20346
4497	4396	CGGCGGAC A UUUCCUGG	2228	CCAGGAAA GGCTAGCTACAACGA GTCCGCCG	20347
4549 GUGGGUAC A CCCCCUGG 2249 CCAGGGGG GGTAGCTACAACGA GTACGCAC 20350 4630 UCCAAUAC A CAAGAGA 2265 TCTCTTTG GGCTAGCTACAACGA GTACTGCA 20351 4630 UGUGGGAC A CUCCCUCA 2267 TCAGGGGA GGCTAGCTACAACGA GTACTGCA 20352 4638 ACUCCUC A CCAAAGGA 2272 TCCTTTGG GGCTAGCTACAACGA GTCCCACA 20352 4639 ACUCCUC A CCAAAGGA 2272 TCCTTTGG GGCTAGCTACAACGA GTCCCCCT 20354 4669 ACAGGACC A CCGGCGUC 2278 GACGCCGG GGCTAGCTACAACGA GGCTCGCT 20354 4669 ACAGGACC A CCGGCGUC 2278 GACGCCGG GGCTAGCTACAACGA GGTCCTGT 20355 4667 ACAGGAUC A UGACUCCUU 2282 ACGAGTCA GGCTAGCTACAACGA GGTCCTGT 20354 4667 ACAGGAUC A UGACUCCUU 2290 AAAGGGGG GGCTAGCTACAACGA GGTCGTGT 20356 4667 ACAGGAUC A UGACUCCUU 2290 AAAGGGG GGCTAGCTACAACGA GGAAACA 20357 4751 UGUUUCCA C A CCCUUUU 2290 AAAGGGG GGCTAGCTACAACGA GGAAACA 20357 4753 UTUUCCAC A CCCUUUGG 2291 CCCAAAGGG GGCTAGCTACAACGA GGAAACA 20358 4763 CCUUUGGG C A UACAGACA 2295 TTOTTGTA GGCTAGCTACAACGA GGGTAACG 20358 4763 CUUUGGC A UACAGACA 2295 TTOTTGTA GGCTAGCTACAACGA GGGTCCGA 20358 4871 AUUCCAGC A CAAGUGGG 23314 TCCACTTG GGCTAGCTACAACGA GGGTCCAC 20364 4871 AUUCCAGC A CUUGAGG 2326 CCTTCAGG GGCTAGCTACAACGA GGTCCAAC 20364 4871 AUUCCAGC A CUUGAGG 2335 TOTTCCAG GGCTAGCTACAACGA GGCTCACTTAGA 4965 UUCAAACA C CUUGAGG 2326 CCTTCAGG GGCTAGCTACAACGA GTCCACT 20364 5013 ACUGGACC A CUGAGACA 2335 TGTTCCAG GGCTAGCTACAACGA GTCCACT 20365 5022 UCAGGGUC A CCAAUAGU 2346 GGCCATT GGCTAGCTACAACGA GACCCTGA 20365 5022 UCAGGCUC A CCAAUAGU 2346 GGCCATTA GGCTAGCTACAACGA GACCCTGA 20365 5091 AACGGUC A UAAUGCC 2346 GGCCATTA GGCTAGCTACAACGA GACCCCTGA 20365 5092 ACUCCAGC A UCAGGGG 2352 CCGCGGTA GGCTAGCTACAACGA GACCCCTGA 20366 5094 AACGGUC A UAACAGAA 2336 CTTCTAGT GGCTAGCTACAACGA GACCCCTT 20366 5095 GCUCAUAC A UAAGCGC 2352 CGCGGTA GGCTAGCTACAACGA GACCCCCTT 20376 5095 GCUCAUAC A UAAGAGAC 2336 CTCTCAG GGCTAGCTACAACGA	4480	UCCAGCUC A UGAAUGAU	2239	ATCATTCA GGCTAGCTACAACGA GAGCTGGA	20348
1603 UCCAAUAC A CARAGAGA 2265 TCTCTTTG GGCTAGCTACAACGA GTATTGGA 20351 16130 UGUGGGAC A CUCCCUCA 2267 TGAGGGAG GGCTAGCTACAACGA GTCCCACA 20352 16163 AGUCCCUC A CARAAGGA 2272 TCCTTTGG GGCTAGCTACAACGA GAGGGAGT 20353 16163 AGGGGAC A CARAAGGA 2272 TCCTTTGG GGCTAGCTACAACGA GAGGGAGT 20353 16164 AGGGGAC A CAGACCC 2276 GGTGGTGG GGCTAGCTACAACGA GAGGGAGT 20354 16169 ACACGACC A UGACUCGU 2278 GACGCCGG GGCTAGCTACAACGA GATCCTCT 20354 16169 ACACGACC A UGACUCGU 2228 AGGAGTCA GGCTAGCTACAACGA GATCCTCT 20354 16169 ACACGACC A UGACUCGU 2229 ARAGGGTG GGCTAGCTACAACGA GATCCTCT 20354 16170 UGUUCCA A CACCCUUU 2290 ARAGGGTG GGCTAGCTACAACGA GATCCTCT 20354 16171 UGUUCCA C CCCUUUGG 2291 CCAAAGGG GGCTAGCTACAACGA GGAAACA 20357 16172 UGUUCCAC A CCCUUUGG 2295 TTGTTGTA GGCTAGCTACAACGA GGAAACCA 20358 16173 CCUUUGGC A UACAACAA 2295 TTGTTGTA GGCTAGCTACAACGA GGTCAGA 20354 16174 AUUCCACC A CAAGUGGA 2314 TCCACTTG GGCTAGCTACAACGA GGTCCAG 20360 16174 AUUCCACC A CUGGAACA 2335 TGTTCCAG GGCTAGCTACAACGA GCTGCAAT 20361 16174 AUUCCACC A CUAGAACA 2335 TGTTCCAG GGCTAGCTACAACGA GGTTCCAG 20363 16174 AUGCACC A UACAACAA 2335 TGTTCCAG GGCTAGCTACAACGA GGTTCCAG 20364 16174 AUGCACC A UACAACAA 2335 TGTTCCAG GGCTAGCTACAACGA GGTTCCAG 20365 16175 ACUGGACC A UACAUAGU 2336 AGCCTGA GGCTAGCTACAACGA GGTTCCAG 20365 16174 AUGCAGCC A UACAUAGU 2340 ACTATTGG GGCTAGCTACAACGA GGCTCCAC 20366 16175 ACUGGACC A UACAUAGU 2340 ACTATTGG GGCTAGCTACAACGA GAGCCTGA 20365 16175 ACUGGACC A UACAUAGU 2340 ACTATTGG GGCTAGCTACAACGA GAGCCTGA 20366 16176 ACUGGACC A UACAUAGU 2340 ACTATTGG GGCTAGCTACAACGA GAGCCTGA 20366 16176 ACUGGACC A UACAUAGU 2340 ACTATTGG GGCTAGCTACAACGA GAGCCTGA 20366 16176 ACUGGACC A UACAUAGU 2340 ACTATTGG GGCTAGCTACAACGA GAGCTCGA 20366 16176 ACUGGACC A UACAUAGU 2340 ACTATTGG GGCTAGCTACAACGA GAGCTCGA 20366 16176 ACUGGACC A UACAUAGG 2	4497	CCAGGAGC A CCUUGGAA	2242	TTCCAAGG GGCTAGCTACAACGA GCTCCTGG	20349
4630 UGUGGGAC A CUCCUCA 2267 TGAGGGAG GGCTAGCTACAAGA GTCCCACA 20352 4638 ACUCCUC A CARAGGA 2272 TCCTTTG GGCTAGCTACAAGA GAGGGAGT 20353 4669 ACAGGAC A CGACCAC 2276 GGTGGTG GGCTAGCTACAAGA GAGGGAGT 4669 ACAGGAC A CGAGCCAC 2276 GGTGGTG GGCTAGCTACAAGA GTCCCCCT 20354 4669 ACAGGAC A CGAGCCAC 2278 GAGGCCG GGCTAGCTACAAGA GTCCCCT 20354 4667 ACAGGAC A CGAGCCAC 2282 ACAGATCA GGCTACCTACAAGA GTCCTCT 20356 4667 ACAGGAC A CGCCUUU 2290 AAAGGGTG GGCTACCTACAAGA GATCCTGT 20356 4751 UUUUCACA A CCCUUUGG 2291 CCAAAGG GGCTACCTACAAGA GAAAAA 20357 4753 UUUUCACA A CCCUUUGG 2291 CCAAAGG GGCTACCTACAAGA GGAAAACA 20357 4763 CCUUGGACCC A UACAACAA 2295 TTGTTGTA GGCTAGCTACAAGA GGGAAAAA 20358 4763 CCUUGGACCC A UACAACAA 2295 TTGTTGTA GGCTAGCTACAAGA GGGCAAAGG 20359 4764 CUGAAACA A CAGAUGGA 2314 TCCACTTG GGCTAGCTACAACGA GGTCCAA 4871 AUUCAAAAC A CCUGAAGG 2314 TCCACTTG GGCTAGCTACAACGA GGTCCAA 4871 AUUCCACA A CAGAUGGA 2314 TCCACTTG GGCTAGCTACAACGA GGTGCAAT 20361 48965 UUCAAAACA A CCUGAAGG 2326 CCTTCAGG GGCTAGCTACAACGA GGTGCAAT 20363 5005 ACUUCCCC A CUGGAACA 2335 TGTTCCAG GGCTAGCTACAACGA GGTGCAAT 20363 5013 ACUGGAAC A UCAGGCUC 2337 GAGCCTAG GGCTACAACGA GGGGAAGT 20363 5022 UCAGGCUC A CCAAUAGU 2340 ACATCTAG GGCTAGCTACAACGA GGCACCTAC 20365 5022 UCAGGCUC A CCAAUAGU 2340 ACATCTAG GGCTAGCTACAACGA GACCCTAT 20366 5091 AACGGCUC A UACAUAAG 2351 CTTAGTG GGCTAGCTACAACGA GACCCGTT 20366 5091 AACGGCUC A UACAUAAG 2351 CTTAGTG GGCTAGCTACAACGA GACCCGTT 20366 5095 GCUCAUAC A UAAGCACC 2346 GGCAATTA GGCTACACACAA GACCTACT 20366 5096 GCUCAUAC A UAAGCACC 2346 CAGTACAC GGCTACACACAA GACCTCATT 20366 5097 ANGAAAUC A UAAGCACC 2356 CCGCGTA GGCTACAACCAA GACCTCATT 20366 5098 GCUCAUAC A UAAGCACC 2356 CCGCGTA GGCTACCTACAACGA GACCTCTT 20366 5099 GCUCAUAC A UAAGCACA 2351 CTTAGTG GGCTAGCTACAACGA GACCTCTT 20367 5195 GGAUCUCC A UACCUAGAG 2356 CCGCGGA GGCTAGCTACAACGA GACCCTT 20373 5226 CACAGAUC A UACAUAAG 2376 CTTGTTT GGCTACCTACAACGA GACCCTT 20373 5276 CACAGAUC A UACAUAAG 2376 CTTGTTT GGCTACCTACAACGA GACCCTT 20373 5280 GUCAUAC A UAACCAGA 2369 CCGCGGA GGCTAGCTACAACGA GACCACAC 20376 5346 UACCCC	4549	GUGCGUAC A CCCCCUGG	2249	CCAGGGG GGCTAGCTACAACGA GTACGCAC	20350
A658	4603	UCCAAUAC A CAAAGAGA	2265	TCTCTTTG GGCTAGCTACAACGA GTATTGGA	20351
AGGGGGAC A CGACCACC 2276 GGTGGTCG GGCTAGCTACAACGA GTCCCCT 20354	4630	UGUGGGAC A CUCCCUCA	2267	TGAGGGAG GGCTAGCTACAACGA GTCCCACA	20352
4665 ACAGGACC A COGGOGUC 2278 GACGCCG GGCTAGCTACACGA GGTCGTGT 20355 4687 ACAGGAUC A UGACUCGU 2282 ACGAGTCA GGCTAGCTACACAGA GGTCCTGT 20356 4751 UGUUUCCA C ACCCUUU 2290 AAAGGGT GGCTAGCTACACAGA GGAAACA 20357 4753 UUUUCCAC A CCCUUUGG 2291 CCAAAGGG GGCTAGCTACACAGA GCGAGAACA 20358 4763 CUUUGGC A UACUAGGG 2305 CCCCACATA GGCTAGCTACACAGA GGGTCCAG 20356 4871 AUUGCAGC A CAAGUGGA 2314 TCCACTTG GGCTAGCTACACAGA GGTGCAAT 20361 4965 UUCAAACA 2314 TCCACTTG GGCTAGCTACACAGA GCTGCAAT 20361 4965 UUCAAACA CUCAGACC 2335 TGTTCCAG GGCTAGCTACACAGA GTTCCAT 20361 5013 ACUGCCC A CUCAGCC 2335 TGTTCCAG GGCTAGCTACACAGA GTCCAT 20365 5022 UCAGCCUC A UCAGUAGA 2331 TGTCATGTAGCACAGA GAGCCCTA 20365 5031 ACUGGACC A UCAGUAGA 2335 TGTTATGTA GGCTAGCTACACAGA GAGCCCTA 20365 5040 AUAGGGCC 2346 GGCATTA GGCTAGCTACACAGA GACCCTGA </td <td>4638</td> <td>ACUCCCUC A CCAAAGGA</td> <td>2272</td> <td>TCCTTTGG GGCTAGCTACAACGA GAGGGAGT</td> <td>20353</td>	4638	ACUCCCUC A CCAAAGGA	2272	TCCTTTGG GGCTAGCTACAACGA GAGGGAGT	20353
ACAGGAUC A UGACUCGU 2282 ACGAGTCA GGCTAGCTACAACGA GATCCTGT 20356	4663	AGGGGGAC A CGACCACC	2276	GGTGGTCG GGCTAGCTACAACGA GTCCCCCT	20354
4751 UGUUUUCA A CACCCUUU 2290 AAAGGGT GGCTAGCTACAACGA GGAAAACA 20357 4753 UUUUUCCA A CCCUUUGG 2291 CCAAAGG GGCTAGCTACAACGA GTGGAAAA 20358 4763 CCUUUGGC A UACAACAA 2295 TTGTTGTA GGCTAGCTACAACGA GTGGAAAA 20358 4812 CUGGACCA AUACUGGGG 2305 CCCCAGTA GGCTAGCTACAACGA GGCTAAGG 4871 AUUGCAGC A CAAGUGGA 2314 TCCACTTG GGCTAGCTACAACGA GGTCAGT 20360 4871 AUUGCAGC A CAAGUGGA 2314 TCCACTTG GGCTAGCTACAACGA GGTCAGT 20361 4876 UUCAAAAC A CCUGAAAG 2336 CCTTCAGG GGCTAGCTACAACGA GTTCAAT 20361 4876 UUCAAAAC A CCUGAAAG 2335 TGTTCCAG GGCTAGCTACAACGA GTTCAAT 20361 5965 ACUUCCCC A CUGGAACA 2335 TGTTCCAG GGCTAGCTACAACGA GGGGAAGT 20363 5013 ACUGGAAC A UAAGGCUC 2337 GAGCCTGA GGCTAGCTACAACGA GGGGAAGT 20364 5014 ACUGGACC A CCAAUAGU 2340 ACTATTGG GGCTAGCTACAACGA GAGCCTGA 20365 5074 AUGGACUC A UAAUGCCC 2346 GGGCATAT GGCTAGCTACAACGA GAGCCTGA 20365 5074 AUGGACUC A UAAUGCCC 2346 GGGCATTA GGCTAGCTACAACGA GAGCCTGA 20366 5091 AACGGCUC A UAACUAAAG 2351 CTTATTTA GGCTAGCTACAACGA GAGCCTGA 20366 5092 CUCAUAC A UAAGCGCC 2352 CGCGCTTA GGCTAGCTACAACGA GAGCCTT 20367 5095 GCUCAUAC A UAAGCGCC 2352 CGCGCTTA GGCTAGCTACAACGA GATCTGAT 20367 5096 GGUAUCC A UAAGCGCC 2352 CGCGCTTA GGCTAGCTACAACGA GATCTGAT 20367 5199 AACAGAUC A UAAGCGCC 2352 CGCGCTTA GGCTAGCTACAACGA GATCTGAT 20367 5199 AACAGAUC A UAAGCGCC 2352 CGCGCTTA GGCTAGCTACAACGA GATCTGAT 20367 5229 AUUCUGC A CAGAUCAU 2376 ATGATCA GGCTAGCTACAACGA GATCTGTT 20369 5229 AUUCUGC A CAGAUCAU 2376 ATGATCA GGCTAGCTACAACGA GATCTGTT 20373 5240 GGUCUAGC A CAACCAG 2387 CTCTTTGA GGCTAGCTACAACGA GACTGTT 20373 5280 GUGCUAGC A CAACCAG 2387 CTCTTTGA GGCTAGCTACAACGA GACTGTT 20373 5280 GUGCUAGC A CAACCAG 2387 CTCTTTGA GGCTAGCTACAACGA GACTCTT 20373 5316 GCUGAAGC A UAAACAGA 2381 TCTGTTTA GGCTAGCTACAACGA GACTCTT 20373 5316 GCUGAAGC A UAACAGA 2381 TCTGTTTA GGCTAGCTACAACGA GACCTCT 20376 5316 GCUGAAGC A UCCGGUAC 2400 GTACCGGG GGCTAGCTACAACGA GACCTCT 20376 5316 GCUGAAGC A UCCGGAGU 2400 GTACCGGA GGCTAGCTACAACGA GGCTAGCTCACACA GGCTAGCTCAACGA GCCCCCC A CAGGAUCAU 2411 ATGCACCA GGCTAGCTACAACGA GCCTCTCT 20376 5340 CUACCCCC A CAGGUCC 2400 GTACCT	4669	ACACGACC A CCGGCGUC	2278	GACGCCGG GGCTAGCTACAACGA GGTCGTGT	20355
4753 UUUUCCAC A CCCUUUGG 2291 CCAAAGGG GGCTAGCTACAACGA GTGGAAAA 20358 4763 CCUUUGGC A UACUGGGG 2305 CCCCAGTA GGCTAGCTACAACGA GCCAAAGG 20359 4812 CUGGACCC A UACUGGGG 2305 CCCCAGTA GGTAGCTACAACGA GGGTCCAG 20360 4871 AUUGCAGC A CAGUGGA 2314 TCCACTT GGCTAGCTACAACGA GCTGCAAT 20361 4965 UUCAAAAC A CUGGAACA 2335 TGTTCCAG GGCTAGCTACAACGA GTTTCAA 20362 5005 ACUUCCC A CUGGAACA 2335 TGTTCCAG GGCTAGCTACAACGA GTTTCAAT 20362 5013 ACUGGAAC A UCAGGCC 2337 GAGCCTGA GGCTAGCTACAACGA GTTCCAT 20365 5022 UCAGGCUC A UCACAUAGU 2340 ACTATTGG GGCTAGCTACAACGA GACCCGTA 20365 5091 AACGGUC A UACAUAAG 2351 CTTATATTG GGCTAGCTACACGA GACCCGTT 20367 5095 GCUCAUAC A UAAGCCC 2352 CGCGCTTA GGCTAGCTACACGA GACCTCCTT 20367 5179 AACAGAUC A UCAGGGC 2352 CGCGCTA GGCTAGCTACACGA GACTCCT 20368 5179 AACAGAUC A UCACAGA 2364 CATACAG GGCTAGCTACACAG GACTCCT	4687	ACAGGAUC A UGACUCGU	2282	ACGAGTCA GGCTAGCTACAACGA GATCCTGT	20356
4763 CCUUUGGC A UACAACAA 2295 TTGTTGTA GGCTAGCTACAACGA GCCAAAGG 20359 4812 CUGGACCC A UACUGGGG 2305 CCCCAGTA GGCTAGCTACAACGA GGGTCAGC 20360 4871 AUUGCAGC A CAGUGGG 2314 TCCACTTG GGCTAGCTACAACGA GGTTCCAGT 4965 UUCAAAAC A CCUGAAGG 2326 CCTTCAGG GGCTAGCTACAACGA GTTTGAA 20362 5005 ACUUCCCC A CUGGAACA 2335 TGTTCCAG GGCTAGCTACAACGA GTTTTGAA 20362 5005 ACUUCCCC A CUGGAACA 2337 GAGCCTGA GGCTAGCTACAACGA GTTCCAGT 20364 5013 ACUGGACA A UCAGGCUC 2337 GAGCCTGA GGCTAGCTACAACGA GGTCAGT 5022 UCAGGCUC A CCAAUAGU 2340 ACTATTGG GGCTAGCTACAACGA GACCCTGA 20365 5074 AUGGAGUC A UAAUGCCC 2346 GGGCATTA GGCTAGCTACAACGA GACCCTGA 20365 5091 AACGGCUC A UACAUAAG 2351 CTTATGTA GGCTAGCTACAACGA GACCCTGA 20365 5091 AACGGCUC A UACAUAAG 2351 CTTATGTA GGCTAGCTACAACGA GACCCCTA 20366 5091 AACGGCUC A UACAUAAG 2351 CTTATGTA GGCTAGCTACAACGA GACCCCTT 20366 5091 AACGGCUC A UACAUAAG 2351 CTTATGTA GGCTAGCTACAACGA GATCCTAT 20366 5179 AACAGAUC A UAAUGCUC 2364 CAGTACAACGA GGCTAGCTACAACGA GATCCGTT 20367 5195 GGAUCUUC A UCACGGCG 2369 CGCGCTTA GGCTAGCTACAACGA GATCTGTT 20369 5195 GGAUCUC A UCCCGGCG 2369 CGCGGCTTA GGCTAGCTACAACGA GATCTGTT 20369 5195 GGAUCUC A UCCAGGCG 2369 CGCGGCTG GGCTAGCTACAACGA GATCTGTT 20372 5248 AACAGGCC A UAAACAGA 2318 CTCTTTGA GGCTAGCTACAACGA GATCTGTG 20372 5248 AACAGGCC A UAAACAGA 2381 TCTGTTTA GGCTACAACGA GGCCTCTT 20373 5280 GUGCUUGC A CCGGCGGU 2400 GTACCCGGA GGCTACCAACGA GCCTCTT 20373 5316 GCUGAAGC A CCACCCGG 2387 CTGGTTGTA GGCTACCAACGA GCCTCTT 20373 5326 CACGAAC A UCCCGGCGU 2404 ACTCGGTA GGCTACCAACGA GCTTCCTC 20374 5316 GCUGAAGC A CCACCCGGU 2404 ACTCGGTG GGCTACCAACGA GCTTCCTC 20376 5346 UACCAGAC A UCCCGGCGU 2404 ACTCGGTG GGCTACCAACGA GCTTCCTC 20376 5346 UACCAGAC A UCCGGGUC 2401 GTACCCGGA GGCTACCAACGA GCTTCCTG 20376 5346 UACCAGAC A UCGCGGUC 2401 GTACCCGGA GGCTACCAACGA GCTTCCTG 20376 5346 UACCAGAC A UCGCGGCC 2401 GCCCCGGGGCGCCCCC 2401 GCCCCCC ACAGGGCACCCC 2401 GCCCCCCC ACAGGCCCC 2401 GCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC	4751	UGUUUUCC A CACCCUUU	2290	AAAGGGTG GGCTAGCTACAACGA GGAAAACA	20357
### AUGUSTACE A UACUGGGG ### 2305 CCCCAGTA GGCTAGCTACAACGA GGGTCCAG ### 20360 ### 2036	4753	UUUUCCAC A CCCUUUGG	2291	CCAAAGGG GGCTAGCTACAACGA GTGGAAAA	20358
### AUGCAGE A CAAGUGGA 2314 TCCACTTG GGCTAGCTACAACGA GCTGCAAT 20361 #### ACQUARAAC A CCUGAAGG 2226 CCTTCAGG GGCTAGCTACAACGA GTTTTGAA 20362 ### SOUTH ACQUARACA A CUGAAGG 2235 TGTTCCAG GGCTAGCTACAACGA GTTTTGAA 20363 ### SOUTH ACQUARACA A UCAGGCUC 2337 GAGCCTGA GGCTAGCTACAACGA GGGGAAGT 20363 ### SOUTH ACQUARACA A UCAGGCUC 2337 GAGCCTGA GGCTAGCTACAACGA GTTCCAGT 20364 ### SOUTH ACQUARACA A UCAGGCUC 2346 GGCCACTTA GGCTAGCTACAACGA GAGCCTGA 20365 ### SOUTH ACQUARACA A UACAGGCUC 2346 GGCCACTTA GGCTAGCTACAACGA GAGCCTGA 20365 ### SOUTH ACQUARACA A UACAGAGG 2351 CTTATGTA GGCTAGCTACAACGA GAGCCGTT 20366 ### SOUTH ACQUARACA A UACAGAGG 2352 CGCGCTTA GGCTAGCTACAACGA GAGCCGTT 20367 ### SOUTH ACQUARACA A UACAGAGG 2352 CGCGCTTA GGCTAGCTACAACGA GAGCCGTT 20367 ### SOUTH ACAGAUCA A UACAGAGG 2364 CACTACAG GGCTAGCTACAACGA GATCTGTT 20369 ### SOUTH ACAGAGA CACACAGA 2364 CACTACAG GGCTAGCTACAACGA GATCTGTT 20369 ### SOUTH ACAGAGA CACACAGA 2366 CGCCGGGAA GGCTAGCTACAACGA GACCAGAAT 20371 ### SOUTH ACAGAGA CACACAGA 2376 ATGATCTAG GGCTAGCTACAACGA GACCAGAAT 20371 ### SOUTH ACAGAGA CACAACAGA 2387 CTCGTTTGA GGCTAGCTACAACGA GCCTCCTT 20373 ### SOUTH ACAGAGA CACAACGA 2387 CTCGTTTGA GGCTAGCTACAACGA GCTAGCAC 20374 ### SOUTH ACAGAGA CACACCAG 2387 CTCGTTTGA GGCTAGCTACAACGA GCTAGCAC 20374 ### SOUTH ACAGAGA CACACCAG 2387 CTCGTTTGA GGCTAGCTACAACGA GCTAGCAC 20374 ### SOUTH ACAGGCC A UCCGGAGG 2395 CCCTCTCAG GGCTAGCTACAACGA GCTAGCAC 20375 ### SOUTH ACAGGAC A UCCGCAGU 2400 GTACCGGA GGCTACCACACGA GCTAGCAC 20375 ### SOUTH ACAGGAC A UCCGCAGU 2401 ACTGCGGA GGCTAGCTACAACGA GCTAGCAC 20375 ### SOUTH ACAGGAC A UCCGCAGU 2404 ACTGCGGA GGCTAGCTACAACGA GCTAGCAC 20376 ### SOUTH ACAGGAC A UCCGCAGU 2404 ACTGCGGA GGCTAGCTACAACGA GCTAGCAC 20376 ### SOUTH ACAGGAC A UCCGCAGU 2404 ACTGCGGA GGCTAGCTACAACGA GCTAGCAC 20376 ### SOUTH ACAGGAC A UCCGCAGU 2404 ACTGCGGA GGCTAGCTACAACGA GCTAGCTACAACGA GCTTCAGCAC 20376 ### SOUTH ACAGGC A UGCGCCC 2412 GGCTAGCTACAACGA GCTAGCTACAACGA GCTTCATCAACGA GCTTCATCAACGA GCTTCATCAACGA GCTTCATCAACGA GCTTCATCAACGA GCTTCATCAACGA GAGCACCC A CAGAGGAC A UAUCAC	4763	CCUUUGGC A UACAACAA	2295	TTGTTGTA GGCTAGCTACAACGA GCCAAAGG	20359
1965	4812	CUGGACCC A UACUGGGG	2305	CCCCAGTA GGCTAGCTACAACGA GGGTCCAG	20360
5005 ACUUCCCC A CUGGAACA 2335 TGTTCCAG GGCTAGACTACACGA GGGAAGT 20363 5013 ACUGGAAC A UCAGGCUC 2337 GAGCCTGA GGCTACACGAG GTTCCAGT 20364 5022 UCAGGCUC A CCAAUAGU 2340 ACTATTGG GGCTAGACGA GACCCTGA 20365 5074 AUGGAGUC A UACAUAAG 2346 GGGCATTA GGCTAGCTACACGA GACTCCAT 20367 5091 AACGGCUC A UACAUAAG 2351 CTTATGTA GGCTAGCTACACGA GACTCCAT 20367 5095 GCUCAUAC A UACAGGCG 2352 CGCGGTTA GGCTACAACGA GATCTGTT 20368 5179 AACAGAUC A UGUACUG 2364 CAGTACAG GGCTACCAACGA GATCTGTT 20369 5195 GGAUCUCC A UCCGGGG 2369 CGCCGGGA GGCTAGCTACAACGA GAAGTCT 20379 5229 AUUCUGCC A UCCAGGG 2376 ATGATCTG GGCTACAACGA GAATCTTGTT 20371 5228 ALUCUGCC A UCAACAGA 2381 TCTGTTTA GGCTACAACGA GATCTCTT 20372 5248 AAGAGGCC A UAAACAGA 2387 CTGCTTGA GGCTACAACGA GCTTCACC 20374 5316 GUGCUAGC A UCCGGAGU 2400 GTACCGA GCTACAACGA GCTACACCA GCTACACCA 20375	4871	AUUGCAGC A CAAGUGGA	2314	TCCACTTG GGCTAGCTACAACGA GCTGCAAT	20361
5013 ACUGGAAC A UCAGGCUC 2337 GAGCCTGA GGCTAGCTACAACGA GTTCCAGT 20364 5022 UCAGGCUC A CCAAUAGU 2340 ACTATTGG GGCTAGCTACAACGA GAGCCTGA 20365 5074 AUGGAGUC A UAAUGCC 2346 GGGCATTA GGCTAGCTACAACGA GACCTCCAT 20365 5091 AACGGCUC A UAAGCGCG 2352 CGCGCTTA GGCTACAACGA GACCCTT 20367 5095 GCUCAUAC A UAAGCGCG 2352 CGCGCTTA GGCTAGCTACAACGA GATCTGTT 20369 5179 AACAGAUC A CUGUACUG 2364 CAGTACAG GGCTAGCTACAACGA GATCTGTT 20369 5195 GGAUCUCC A UCCAGGGG 2369 CGCGGGGA GGCTAGCTACAACGA GACAGAGAGAGAGAGAGAGAGAGAGAGAGAGA	4965	UUCAAAAC A CCUGAAGG	2326	CCTTCAGG GGCTAGCTACAACGA GTTTTGAA	20362
5022 UCAGGCUC A CCAAUAGU 2340 ACTATTGG GGCTACAACGA GAGCCTGA 20365 5074 AUGAGGUC A UAAUGCCC 2346 GGGCATTA GGCTACCACGA GACTCCAT 20366 5091 AACGGCUC A UACAUAAG 2351 CTTATGTA GGCTAGCTACAACGA GACTCCAT 20366 5095 GCUCAUAC A UAAGGGCG 2352 CGCGCTTA GGCTAGCTACAACGA GTATGAGC 20368 5179 AACGAUC A UCCCGGCG 2369 CGCCGGGA GGCTAGCTACAACGA GATCTGTT 20369 5195 GGAUCUCC A UCCCGGCG 2369 CGCCGGGA GGCTAGCTACAACGA GGAGAAT 20370 5229 AUUCUGCC A CAGAUCAU 2376 ATGATCTG GGCTAGCTACAACGA GGCAAT 20372 5236 CACAGAUC A UCAAAGA 2381 CTCTTTGA GGCTAGCTACAACGA GGCCTCTT 20372 5248 AAGAGGC A UCAACAGA 2381 TCTGTTTA GGCTAGCTACAACGA GCTTAGCAC 20374 5316 GUGCAGC A CCAACCAG 2387 CTGGTTGG GGCTAGCTACAACGA GCTTAGCA 20375 5332 GACUGCC A UCCGGUAC 2400 GTACCGGA GGCTAGCTACAACGA GTCTGGT 20376 5346 UACCAGAC A UCCGCAGU 2404 ACTGCGGA GGCTAGCTACAACGA GTCTCTG	5005	ACUUCCCC A CUGGAACA	2335	TGTTCCAG GGCTAGCTACAACGA GGGGAAGT	20363
5074 AUGGAGUC A UAAUGCCC 2346 GGGCATTA GGCTACAACGA GACTCCAT 20366 5091 AACGGCUC A UACAUAAG 2351 CTTATGTA GGCTAGCTACAACGA GAGCGTT 20367 5095 GCUCAUAC A UAACGGCG 2352 CGCGCTTA GGCTACCACGA GATCTGTT 20368 5179 AACAGAUC A CUGUACUG 2364 CAGTACGA GGCTAGCTACAACGA GATCTGTT 20369 5195 GGAUCUCC A CUGUACU 2376 CAGTACTA GGCTACCACGA GGAGATC 20370 5229 AUUCUGCC A CAGAUCAU 2376 ATGATCTG GGCTACCACGA GGCAGAT 20371 5236 CACAGAUC A UCAAAGAG 2381 CTCTTTGA GGCTAGCTACAACGA GGCTCTT 20372 5248 AAGAGGC A UAAACAGA 2381 TCTGTTTA GGCTAGCTACAACGA GGCTAGCAC 20374 5316 GCUGAAGC A CUAACAG 2387 CTGTTCAG GGCTAGCTACAACGA GCTTCAGC 20375 5316 GCUGAAGC A UCAGAGAG 2395 CCTCTCAG GGCTACCAACGA GCTTCAGC 20374 5316 GCUGAAGC A UCCGCAGU 2404 ACTGCGGA GGCTAGCTACAACGA GTTCGTAC 20376 5346 UACCAGAC A UAAUGGA 2410 TTCCATTA GGCTAGCTACAACGA GACACTA 2037	5013	ACUGGAAC A UCAGGCUC	2337	GAGCCTGA GGCTAGCTACAACGA GTTCCAGT	20364
5091 AACGGCUC A UACAUAAG 2351 CTTATGTA GGCTAGCTACAACGA GAGCCGTT 20367 5095 GCUCAUAC A UAAGCGCG 2352 CGCGCTTA GGCTACAACGA GTATGAGC 20368 5179 AACAGAUC A CUGUACUG 2364 CAGTACAG GGCTAGCTACAACGA GATCTGTT 20369 5195 GGAUCUC A UCCCGGCG 2369 CGCCGGG GGCTAGCTACAACGA GGAGATCC 20370 5229 AUUCUGCC A CAGAUCAU 2376 ATGATCTG GGCTACAACGA GGAGATT 20371 5236 CACAGAUC A UCAAACGA 2378 CTCTTTGA GGCTACAACGA GGCAGAT 20371 5248 AAGAGGC A UAAACAGA 2381 TCTGTTTA GGCTACAACGA GGCTACCACCA 20373 5280 GUGCUAGC A CCAACCAG 2387 CTGGTTGG GGCTACCAACAGA GCTTCACA 20374 5316 GCUGAAGC A UCCGGUAC 2400 GTACCGGA GGCTACAACGA GCTTCAGC 20375 5332 GACUGCCC A UCCGGUAC 2401 ACTGCGGA GGCTACAACGA GTCTCTTG 20376 5392 UUGAUGUC A UGUGUCAU 2411 ATGACACA GGCTACAACGA GTCTCTT 20378 5392 UUGAUGUC A UGUGUCAU 2411 ATGACACA GGCTACAACGA GACACTA 20380	5022	UCAGGCUC A CCAAUAGU	2340	ACTATTGG GGCTAGCTACAACGA GAGCCTGA	20365
5095 GCUCAUAC A UAAGCGCG 2352 CGCGCTTA GGCTACAACGA GTATGAGC 20368 5179 AACAGAUC A CUGUACUG 2364 CAGTACAG GGCTAGCTACAACGA GATCTGTT 20369 5195 GGAUCUCC A UCCCGGGG 2369 CGCCGGGA GGCTAGCTACAACGA GGAGATCC 20370 5229 AUUCUGCC A CAGAUCAU 2376 ATGATCTG GGCTAGCTACAACGA GGCAGAAT 20371 5236 CACAGAUC A UCAAAGAG 2378 CTCTTTGA GGCTAGCTACAACGA GATCTGTG 20372 5248 AAGAGGCC A UCAACAGA 2381 TCTGTTTA GGCTACAACGA GATCTGTG 20373 5280 GUGCUAGC A CCAACCAG 2387 CTGGTTGG GGCTAGCTACAACGA GCTAGCAC 20374 5316 GCUGAAGC A UCCGCAGU 2400 GTACCGGA GGCTAGCTACAACGA GCTTCCAGC 20375 5346 UACCAGAC A UCCGCAGU 2404 ACTGCGGA GGCTAGCTACAACGA GTCTGGTA 20376 5346 UACCAGAC A UCAGCAGU 2404 ACTGCGGA GGCTAGCTACAACGA GTCTGGTA 20375 5399 UUGAUGUC A UGUGCC 2411 ATGACACA GGCTAGCTACAACGA GACATCAA 20379 5399 CAUGUGUC A CCCACAGG 2417 CCTGTGGG GGCTAGCTACAACGA GACACATG <td>5074</td> <td>AUGGAGUC A UAAUGCCC</td> <td>2346</td> <td>GGGCATTA GGCTAGCTACAACGA GACTCCAT</td> <td>20366</td>	5074	AUGGAGUC A UAAUGCCC	2346	GGGCATTA GGCTAGCTACAACGA GACTCCAT	20366
5179 AACAGAUC A CUGUACUG 2364 CAGTACAG GGCTAGCTACAACGA GATCTGTT 20369 5195 GGAUCUC A UCCCGGCG 2369 CGCCGGGA GGCTAGCTACAACGA GGAGATCC 20370 5229 AUUCUGCC A CAGAUCAU 2376 ATGATCTG GGCTAGCTACAACGA GGCAGAAT 20371 5236 CACAGAUC A UCAAAGAG 2378 CTCTTTGA GGCTAGCTACAACGA GATCTGTG 20372 5248 AAGAGGC A UAAACAGA 2381 TCTGTTTA GGCTAGCTACAACGA GGCTCTT 20373 5280 GUGUAGG A CCAACCAG 2387 CTGGTTGG GGCTAGCTACAACGA GCTAGCCA 20374 5316 GCUGAAGC A CUACAGGG 2395 CCTCTCAG GGCTAGCTACAACGA GCTTCAGC 20375 5332 GACUGCCC A UCCGGUAC 2400 GTACCGGA GGCTAGCTACAACGA GTTGGTA 20376 5346 UACCAGAC A UCAGGAU 2404 ACTGCGGA GGCTAGCTACAACGA GTTGGTA 20379 5392 UUGAUGUC A UGUGUCAU 2411 ATGACACA GGCTAGCTACAACGA GTTCTACA 20379 5399 CAUGUGUC A UGCUACCC 2412 GGGTAGCTACAACGA GACACTG 20381 5410 CUACCCC A CAGGCUGA 2420 TCAGCTG GGCTAGCTACACGA GACACTG <t< td=""><td>5091</td><td>AACGGCUC A UACAUAAG</td><td>2351</td><td>CTTATGTA GGCTAGCTACAACGA GAGCCGTT</td><td>20367</td></t<>	5091	AACGGCUC A UACAUAAG	2351	CTTATGTA GGCTAGCTACAACGA GAGCCGTT	20367
5195 GGAUCUCC A UCCCGGCG 2369 CGCCGGGA GGCTACCTACAACGA GGAGATCC 20370 5229 AUUCUGCC A CAGAUCAU 2376 ATGATCTG GGCTAGCTACAACGA GGCAGAAT 20371 5236 CACAGAUC A UCAAAGAG 2378 CTCTTTGA GGCTAGCTACAACGA GATCTGTG 20372 5248 AAGAGGCC A UAAACAGA 2381 TCTGTTTA GGCTAGCTACAACGA GCTAGCAC 20373 5280 GUGCUAGC A CCAACCAG 2387 CTGGTTGG GGCTAGCTACAACGA GCTTCAGC 20375 5316 GCUGAAGC A CUGAGAGG 2395 CCTCTCAG GGCTACCTACAACGA GCTTCAGC 20375 5346 UACCAGAC A UCCGCAGU 2404 ACTGCGGA GGCTAGCTACAACGA GTCTGTA 20377 5366 CAGAGAAC A UAAUGGAA 2410 TTCCATTA GGCTACAACGA GTCTCTG 20378 5392 UUGAUGUC A UGUGUCAU 2411 ATGACACA GGCTAGCTACAACGA GACACTAA 20379 5399 CAUGUGUC A UGCUACCC 2412 GGGTAGCTACAACGA GACACTG 20381 5410 CUACCUC A CCACAGG 2417 CCTGTGGG GGCTAGCTACAACGA GAGGGTAG 20381 5414 CUUCCUC A CAGGGUGA 2420 TCAGCTG GGCTACCTACAACGA GAGGAGA <t< td=""><td>5095</td><td>GCUCAUAC A UAAGCGCG</td><td>2352</td><td>CGCGCTTA GGCTAGCTACAACGA GTATGAGC</td><td>20368</td></t<>	5095	GCUCAUAC A UAAGCGCG	2352	CGCGCTTA GGCTAGCTACAACGA GTATGAGC	20368
5229 AUUCUGCC A CAGAUCAU 2376 ATGATCTG GGCTAGCTACAACGA GGCAGAAT 20371 5236 CACAGAUC A UCAAAGAG 2378 CTCTTTGA GGCTAGCAACGA GATCTGTG 20372 5248 AAGAGGCC A UAAACAGA 2381 TCTGTTTA GGCTAGCACACGA GGCTCTT 20373 5280 GUGCUAGC A CCAACCAG 2387 CTGGTTGG GGCTAGCTACAACGA GCTTAGCC 20374 5316 GCUGAAGC A CUCAGGUAC 2400 GTACCGGA GGCTAGCTACAACGA GCTTCAGC 20375 5332 GACUGCCC A UCCGGUAC 2400 GTACCGGA GGCTAGCTACAACGA GGCTGGTA 20376 5346 UACCAGAC A UCCGCAGU 2404 ACTGCGGA GGCTAGCTACAACGA GTCTGTA 20377 5366 CAGAGAAC A UAAUGGAA 2410 TCCATTA GGCTAGCTACAACGA GTCTCTTG 20378 5392 UUGAUGUC A UGUGCCC 2411 ATGACACA GGCTAGCTACAACGA GACACTAA 20379 5399 CAUGUGUC A UGCUACCC 2412 GGGTAGCTACAACGA GACACTA 20380 5410 CUACCCUC A CCGACGGG 2417 CCTGTGGG GCTAGCTACAACGA GAGGGTAG 20381 5414 CCUCACUC A CAGGCUGA 2426 GCACCTG GGCTAGCTACAACGA GAGGAGC <t< td=""><td>5179</td><td>AACAGAUC A CUGUACUG</td><td>2364</td><td>CAGTACAG GGCTAGCTACAACGA GATCTGTT</td><td>20369</td></t<>	5179	AACAGAUC A CUGUACUG	2364	CAGTACAG GGCTAGCTACAACGA GATCTGTT	20369
5236 CACAGAUC A UCAAAGAG 2378 CTCTTTGA GGCTAGCTACAACGA GATCTGTG 20372 5248 AAGAGGCC A UAAACAGA 2381 TCTGTTTA GGCTAGCTACAACGA GGCTCTT 20373 5280 GUGCUAGC A CCAACCAG 2387 CTGGTTGG GGCTAGCTACAACGA GCTAGCAC 20374 5316 GCUGAAGC A CUCAGAGG 2395 CCTCTCAG GGCTAGCTACAACGA GCTTCACC 20375 5332 GACUGCC A UCCGGUAC 2400 GTACCGGA GGCTAGCTACAACGA GGCTAGT 20376 5346 UACCAGAC A UCCGCAGU 2404 ACTGCGGA GGCTAGCTACAACGA GTCTGGTA 20376 5366 CAGAGAAC A UAAUGGAA 2410 TTCCATTA GGCTACAACGA GTCTCTTG 20378 5392 UUGAUGUC A UGUGUCAU 2411 ATGACACA GGCTAGCTACAACGA GACACATG 20379 5399 CAUGUGUC A UGCUACCC 2412 GGGTAGCTACAACGA GACACATG 20380 5410 CUACCCU A CCCACAGG 2417 CCTGTGGG GGCTAGCTACAACGA GAGGGTAG 20381 5414 CCUCACCC A CAGGUGA 2420 TCAGCCTG GGCTAGCTACAACGA GAGGAGAC 20382 5432 GUCUCCUC A CAGGGUGC 2426 GCACCCTG GGCTAGCTACAACGA GAGCCAA	5195	GGAUCUCC A UCCCGGCG	2369	CGCCGGGA GGCTAGCTACAACGA GGAGATCC	20370
5248 AAGAGGCC A UAAACAGA 2381 TCTGTTTA GGCTAGCTACAACGA GGCTAGCTAC 20373 5280 GUGCUAGC A CCAACCAG 2387 CTGGTTGG GGCTAGCTACAACGA GCTAGCAC 20374 5316 GCUGAAGC A CUGAGAGG 2395 CCTCTCAG GGCTAGCTACAACGA GCTTCAGC 20375 5332 GACUGCCC A UCCGGAGU 2404 ACTGCGGA GGCTAGCTACAACGA GTCTGGTA 20376 5346 UACCAGAC A UAAUGGAA 2410 TTCCATTA GGCTAGCTACAACGA GTCTCTG 20378 5392 UUGAUGUC A UGUACCC 2411 ATGACACA GGCTAGCTACAACGA GACACATG 20379 5399 CAUGUGUC A UGCUACCC 2412 GGGTAGCTACAACGA GACACATG 20380 5410 CUACCCU A CCACAAGG 2417 CCTGTGGG GGCTAGCTACAACGA GGGTAGG 5414 CCUCACCC A CAGGGUG 2426 GCACCTG GGCTAGCTACAACGA GAGGAGAC 20383 5479 UUGAGGCU A U	5229	AUUCUGCC A CAGAUCAU	2376	ATGATCTG GGCTAGCTACAACGA GGCAGAAT	20371
5280 GUGCUAGC A CCAACCAG 2387 CTGGTTGG GGCTAGCTACAACGA GCTAGCAC 20374 5316 GCUGAAGC A CUGAGAGG 2395 CCTCTCAG GGCTAGCTACAACGA GCTTCAGC 20375 5332 GACUGCCC A UCCGGUAC 2400 GTACCGGA GGCTAGCTACAACGA GGCAGTC 20376 5346 UACCAGAC A UCCGCAGU 2404 ACTGCGGA GGCTAGCTACAACGA GTCTGGTA 20377 5366 CAGAGAAC A UAAUGGAA 2410 TTCCATTA GGCTAGCTACAACGA GTTCTCTG 20378 5392 UUGAUGUC A UGUGUCAU 2411 ATGACACA GGCTAGCTACAACGA GACACTCA 20379 5399 CAUGUGUC A UGCUACCC 2412 GGGTAGCA GGCTAGCTACAACGA GACACATG 20380 5410 CUACCCUC A CCCACAGG 2417 CCTGTGGG GGCTAGCTACAACGA GAGGGTAG 20381 5414 CCUCACCC A CAGGCUGA 2420 TCAGCCTG GGCTAGCTACAACGA GAGGAGC 20382 5432 GUCUCCUC A CAGGGUGC 2426 GCACCCTG GGCTAGCTACAACGA GAGGAGC 20383 5474 UGAGGCUC A UUUCACCG 2434 CGGTGAAA GGCTACAACGA GAGCCTCA 20386 5494 CAGCUAGC A UUCCACA 2435 TGGGTGG GGCTAGCTACAACGA GAAATGG	5236	CACAGAUC A UCAAAGAG	2378	CTCTTTGA GGCTAGCTACAACGA GATCTGTG	20372
5316 GCUGAAGC A CUGAGAGG 2395 CCTCTCAG GGCTAGCTACAACGA GCTTCAGC 20375 5332 GACUGCCC A UCCGGUAC 2400 GTACCGGA GGCTAGCTACAACGA GGCAGTC 20376 5346 UACCAGAC A UCCGCAGU 2404 ACTGCGGA GGCTAGCTACAACGA GTCTGGTA 20377 5366 CAGAGAAC A UAAUGGAA 2410 TTCCATTA GGCTAGCTACAACGA GTTCTCTG 20378 5392 UUGAUGUC A UGUGUCAU 2411 ATGACACA GGCTAGCTACAACGA GACACATG 20379 5399 CAUGUGUC A UGCUACCC 2412 GGGTAGCTACAACGA GACACATG 20380 5410 CUACCCUC A CCCACAGG 2417 CCTGTGGG GGCTAGCTACAACGA GAGGGTAG 20381 5414 CCUCACCC A CAGGGUGC 2426 GCACCCTG GGCTAGCTACAACGA GAGGAGAC 20382 5432 GUCUCCUC A CAGGGUGC 2434 CGGTGAAA GGCTAGCTACAACGA GAGCCCCA 20383 5474 UGA	5248	AAGAGGCC A UAAACAGA	2381	TCTGTTTA GGCTAGCTACAACGA GGCCTCTT	20373
5332 GACUGCCC A UCCGGUAC 2400 GTACCGGA GGCTAGCTACAACGA GGGCAGTC 20376 5346 UACCAGAC A UCCGCAGU 2404 ACTGCGGA GGCTAGCTACAACGA GTCTGGTA 20377 5366 CAGAGAAC A UAAUGGAA 2410 TTCCATTA GGCTAGCTACAACGA GTTCTCTG 20378 5392 UUGAUGUC A UGUGUCAU 2411 ATGACACA GGCTAGCTACAACGA GACACTGA 20379 5399 CAUGUGUC A UGCUACCC 2412 GGGTAGCTACAACGA GACACTGA 20380 5410 CUACCCUC A CCCACAGG 2417 CCTGTGGG GGCTAGCTACAACGA GAGGGTAG 20381 5414 CCUCACCC A CAGGCUGA 2420 TCAGCCTG GGCTAGCTACAACGA GAGGAGC 20382 5432 GUCUCCUC A CAGGGUGC 2426 GCACCCTG GGCTAGCTACAACGA GAGGAC 20383 5474 UGAGGCUC A UUUCACCG 2434 CGGTGAAA GGCTACAACGA GAGCTCA 20384 5479 CUCAUUC A CCGACCCA 2435 TGGGTCGG GGCTAGCTACAACGA GAAATGAG 20386 5494 CAGCUAGC A UUUCACAC 2441 TGCTGCAA GGCTACCAACGA GTAACCTC 20387 5518 ACAUUUC A CAAAGGUC 2446 GACCTTTG GGCTAGCTACAACGA GAAATGT	5280	GUGCUAGC A CCAACCAG	2387	CTGGTTGG GGCTAGCTACAACGA GCTAGCAC	20374
5346 UACCAGAC A UCCGCAGU 2404 ACTGCGGA GGCTAGCTACAACGA GTCTGGTA 20377 5366 CAGAGAAC A UAAUGGAA 2410 TTCCATTA GGCTAGCTACAACGA GTTCTCTG 20378 5392 UUGAUGUC A UGUGUCAU 2411 ATGACACA GGCTAGCTACAACGA GACATCAA 20379 5399 CAUGUGUC A UGCUACCC 2412 GGGTAGCA GGCTACAACGA GACACTGA 20380 5410 CUACCCUC A CCCACAGG 2417 CCTGTGGG GGCTAGCTACAACGA GAGGGTAG 20381 5414 CCUCACCC A CAGGCUGA 2420 TCAGCCTG GGCTAGCTACAACGA GAGGAGAC 20382 5432 GUCUCCUC A CAGGGUGC 2426 GCACCCTG GGCTAGCTACAACGA GAGGAGAC 20383 5474 UGAGGCUC A UUUCACCG 2434 CGGTGAAA GGCTACAACGA GAGCCTCA 20384 5479 CUCAUUUC A CCGACCCA 2435 TGGGTCGG GGCTAGCTACAACGA GAAATGAG 20385 5494 CAGCUAGC A UUGCAGCA 2441 TGCTGCAA GGCTAGCTACAACGA GTAACCTC 20386 5512 GAGGUUAC A UUUCCACA 2444 TGTGGAAA GGCTACCAACGA GAAATGT 20387 5518 ACAUUUCC A CAAAGGUC 2446 GACCTTG GGCTACAACGA GAATATTG	5316	GCUGAAGC A CUGAGAGG	2395	 	20375
5366 CAGAGAAC A UAAUGGAA 2410 TTCCATTA GGCTAGCTACAACGA GTTCTCTG 20378 5392 UUGAUGUC A UGUGUCAU 2411 ATGACACA GGCTAGCTACAACGA GACATCAA 20379 5399 CAUGUGUC A UGCUACCC 2412 GGGTAGCA GGCTACAACGA GACACTAG 20380 5410 CUACCCUC A CCCACAGG 2417 CCTGTGGG GGCTAGCACGA GAGGGTAG 20381 5414 CCUCACCC A CAGGCUGA 2420 TCAGCCTG GGCTACAACGA GAGGGTAGG 20382 5432 GUCUCCUC A CAGGGUGC 2426 GCACCCTG GGCTACAACGA GAGGAGAC 20383 5474 UGAGGCUC A UUUCACCG 2434 CGGTGAAA GGCTACAACGA GAGCCTCA 20384 5479 CUCAUUUC A CCGACCCA 2435 TGGGTCGG GGCTACAACGA GAAATGAG 20385 5494 CAGCUAGC A UUGCAGCA 2441 TGCTGCAA GGCTACCAACGA GCTAGCTC 20386 5512 GAGGUUAC A UUUCCACA 2444 TGTGGAAA GGCTACAACGA GAAATGT 20387 5518 ACAUUUC A CAAAGGUC 2446 GACCTTTG GGCTACAACGA GAAATGT 20388 5554 CAAUAUUC A UGACAGCC 2450 GGCTGCTGC GGCTACAACGA GAATATTG 20389 </td <td>5332</td> <td>GACUGCCC A UCCGGUAC</td> <td>2400</td> <td> </td> <td>20376</td>	5332	GACUGCCC A UCCGGUAC	2400	 	20376
5392 UUGAUGUC A UGUGUCAU 2411 ATGACACA GGCTAGCTACAACGA GACATCAA 20379 5399 CAUGUGUC A UGCUACCC 2412 GGGTAGCTA GGCTACAACGA GACACATG 20380 5410 CUACCCUC A CCCACAGG 2417 CCTGTGGG GGCTAGCTACAACGA GAGGGTAG 20381 5414 CCUCACCC A CAGGCUGA 2420 TCAGCCTG GGCTACAACGA GGGTGAGG 20382 5432 GUCUCCUC A CAGGGUGC 2426 GCACCCTG GGCTACAACGA GAGGAGAC 20383 5474 UGAGGCUC A UUUCACCG 2434 CGGTGAAA GGCTACAACGA GAGCCTCA 20384 5479 CUCAUUUC A CCGACCCA 2435 TGGGTCGG GGCTAGCTACAACGA GAAATGAG 20385 5494 CAGCUAGC A UUGCAGCA 2441 TGCTGCAA GGCTAGCTACAACGA GCTAGCTG 20386 5512 GAGGUUAC A UUUCCACA 2444 TGTGGAAA GGCTAGCTACAACGA GTAACCTC 20387 5518 ACAUUUCC A CAAAGGUC 2446 GACCTTTG GGCTAGCTACAACGA GAAATGT 20388 5554 CAAUAUUC A UGACAGCC 2450 GGCTGTCA GGCTACAACGA GAATATTG 20389 5568 GCCACCCC A CCCACCA 2453 TGGTGGG GGCTAGCTACAACGA GGCTGCC	5346	UACCAGAC A UCCGCAGU	2404	ACTGCGGA GGCTAGCTACAACGA GTCTGGTA	20377
5399 CAUGUGUC A UGCUACCC 2412 GGGTAGCA GGCTACCACGA GACACATG 20380 5410 CUACCCUC A CCCACAGG 2417 CCTGTGGG GGCTAGCTACAACGA GAGGGTAG 20381 5414 CCUCACCC A CAGGCUGA 2420 TCAGCCTG GGCTAGCTACAACGA GGGTGAGG 20382 5432 GUCUCCUC A CAGGGUGC 2426 GCACCCTG GGCTACAACGA GAGGAGAC 20383 5474 UGAGGCUC A UUUCACCG 2434 CGGTGAAA GGCTACAACGA GAGCCTCA 20384 5479 CUCAUUUC A CCGACCCA 2435 TGGGTCGG GGCTAGCTACAACGA GAAATGAG 20385 5494 CAGCUAGC A UUGCAGCA 2441 TGCTGCAA GGCTACCAACGA GCTAGCTG 20386 5512 GAGGUUAC A UUUCCACA 2444 TGTGGAAA GGCTAGCTACAACGA GTAACCTC 20387 5518 ACAUUUCC A CAAAGGUC 2446 GACCTTTG GGCTAGCTACAACGA GGAAATGT 20388 5554 CAAUAUUC A UGACAGCC 2450 GGCTGTCA GGCTACAACGA GAATATTG 20389 5563 UGACAGCC A CCCACCA 2453 TGGTGGG GGCTAGCTACAACGA GGCTGCC 20390 5568 GCCACCCC A CCAGGAC 2457 GTGCCTGG GGCTAGCTACAACGA GGGGTGC 2	5366	CAGAGAAC A UAAUGGAA	2410	TTCCATTA GGCTAGCTACAACGA GTTCTCTG	20378
5410 CUACCCUC A CCCACAGG 2417 CCTGTGGG GGCTAGCTACAACGA GAGGGTAG 20381 5414 CCUCACCC A CAGGCUGA 2420 TCAGCCTG GGCTAGCTACAACGA GGGTGAGG 20382 5432 GUCUCCUC A CAGGGUGC 2426 GCACCCTG GGCTAGCTACAACGA GAGGAGAC 20383 5474 UGAGGCUC A UUUCACCG 2434 CGGTGAAA GGCTACAACGA GAGCCTCA 20384 5479 CUCAUUUC A CCGACCCA 2435 TGGGTCGG GGCTAGCTACAACGA GAAATGAG 20385 5494 CAGCUAGC A UUGCAGCA 2441 TGCTGCAA GGCTAGCTACAACGA GCTAGCTG 20386 5512 GAGGUUAC A UUUCCACA 2444 TGTGGAAA GGCTAGCTACAACGA GTAACCTC 20387 5518 ACAUUUCC A CAAAGGUC 2446 GACCTTTG GGCTAGCTACAACGA GGAAATGT 20388 5554 CAAUAUUC A UGACAGCC 2450 GGCTGTCA GGCTACAACGA GAATATTG 20389 5563 UGACAGCC A CCCACCA 2453 TGGTGGGG GGCTAGCTACAACGA GGCTGTCA 20390 5568 GCCACCCC A CCAGGAC 2457 GTGCCTGG GGCTAGCTACAACGA GGGGTGGC 20391	5392		2411	ATGACACA GGCTAGCTACAACGA GACATCAA	20379
5414 CCUCACCC A CAGGCUGA 2420 TCAGCCTG GGCTAGCTACAACGA GGGTGAGG 20382 5432 GUCUCCUC A CAGGGUGC 2426 GCACCCTG GGCTAGCTACAACGA GAGGAGAC 20383 5474 UGAGGCUC A UUUCACCG 2434 CGGTGAAA GGCTAGCTACAACGA GAGCCTCA 20384 5479 CUCAUUUC A CCGACCCA 2435 TGGGTCGG GGCTAGCTACAACGA GAAATGAG 20385 5494 CAGCUAGC A UUGCAGCA 2441 TGCTGCAA GGCTAGCTACAACGA GCTAGCTG 20386 5512 GAGGUUAC A UUUCCACA 2444 TGTGGAAA GGCTAGCTACAACGA GTAACCTC 20387 5518 ACAUUUCC A CAAAGGUC 2446 GACCTTTG GGCTAGCTACAACGA GGAAATGT 20388 5554 CAAUAUUC A UGACAGCC 2450 GGCTGTCA GGCTAGCTACAACGA GAATATTG 20389 5563 UGACAGCC A CCCCACCA 2457 GTGCCTGG GGCTAGCTACAACGA GGCTGTCA 20390 5568 GCCACCCC A CCAGGCAC 2457 GTGCCTGG GGCTAGCTACAACGA GGGTGGC 20391	5399	CAUGUGUC A UGCUACCC	2412	GGGTAGCA GGCTAGCTACAACGA GACACATG	20380
GUCUCCUC A CAGGGUGC 2426 GCACCCTG GGCTAGCTACAACGA GAGGAGAC 20383 5474 UGAGGCUC A UUUCACCG 2434 CGGTGAAA GGCTAGCTACAACGA GAGCCTCA 20384 5479 CUCAUUUC A CCGACCCA 2435 TGGGTCGG GGCTAGCTACAACGA GAAATGAG 20385 5494 CAGCUAGC A UUGCAGCA 2441 TGCTGCAA GGCTAGCTACAACGA GCTAGCTG 20386 5512 GAGGUUAC A UUUCCACA 2444 TGTGGAAA GGCTAGCTACAACGA GTAACCTC 20387 5518 ACAUUUCC A CAAAGGUC 2446 GACCTTTG GGCTAGCTACAACGA GGAAATGT 20388 5554 CAAUAUUC A UGACAGCC 2450 GGCTGTCA GGCTAGCTACAACGA GAATATTG 20389 5563 UGACAGCC A CCCCACCA 2453 TGGTGGGG GGCTAGCTACAACGA GGCTGTCA 20390 5568 GCCACCCC A CCAGGCAC 2457 GTGCCTGG GGCTAGCTACAACGA GGGTGGC 20391	5410	CUACCCUC A CCCACAGG	2417	CCTGTGGG GGCTAGCTACAACGA GAGGGTAG	20381
5474UGAGGCUC A UUUCACCG2434CGGTGAAA GGCTACAACGA GAGCCTCA203845479CUCAUUUC A CCGACCCA2435TGGGTCGG GGCTACCAACGA GAAATGAG203855494CAGCUAGC A UUGCAGCA2441TGCTGCAA GGCTACCAACGA GCTAGCTG203865512GAGGUUAC A UUUCCACA2444TGTGGAAA GGCTAGCTACAACGA GTAACCTC203875518ACAUUUCC A CAAAGGUC2446GACCTTTG GGCTAGCTACAACGA GGAAATGT203885554CAAUAUUC A UGACAGCC2450GGCTGTCA GGCTACCAACGA GAATATTG203895563UGACAGCC A CCCCACCA2453TGGTGGGG GGCTAGCTACAACGA GGCTGTCA203905568GCCACCCC A CCAGGCAC2457GTGCCTGG GGCTAGCTACAACGA GGGGTGGC20391	5414	CCUCACCC A CAGGCUGA	2420	TCAGCCTG GGCTAGCTACAACGA GGGTGAGG	20382
5479 CUCAUUUC A CCGACCCA 2435 TGGGTCGG GGCTAGCTACAACGA GAAATGAG 20385 5494 CAGCUAGC A UUGCAGCA 2441 TGCTGCAA GGCTAGCTACAACGA GCTAGCTG 20386 5512 GAGGUUAC A UUUCCACA 2444 TGTGGAAA GGCTAGCTACAACGA GTAACCTC 20387 5518 ACAUUUCC A CAAAGGUC 2446 GACCTTTG GGCTAGCTACAACGA GGAAATGT 20388 5554 CAAUAUUC A UGACAGCC 2450 GGCTGTCA GGCTAGCTACAACGA GAATATTG 20389 5563 UGACAGCC A CCCCACCA 2453 TGGTGGGG GGCTAGCTACAACGA GGCTGTCA 20390 5568 GCCACCCC A CCAGGCAC 2457 GTGCCTGG GGCTAGCTACAACGA GGGTGGC 20391			2426	GCACCCTG GGCTAGCTACAACGA GAGGAGAC	20383
5494CAGCUAGC A UUGCAGCA2441TGCTGCAA GGCTAGCTACAACGA GCTAGCTG203865512GAGGUUAC A UUUCCACA2444TGTGGAAA GGCTAGCTACAACGA GTAACCTC203875518ACAUUUCC A CAAAGGUC2446GACCTTTG GGCTAGCTACAACGA GGAAATGT203885554CAAUAUUC A UGACAGCC2450GGCTGTCA GGCTAGCTACAACGA GAATATTG203895563UGACAGCC A CCCCACCA2453TGGTGGGG GGCTAGCTACAACGA GGCTGTCA203905568GCCACCCC A CCAGGCAC2457GTGCCTGG GGCTAGCTACAACGA GGGGTGGC20391	5474	UGAGGCUC A UUUCACCG	2434	CGGTGAAA GGCTAGCTACAACGA GAGCCTCA	20384
5512 GAGGUUAC A UUUCCACA 2444 TGTGGAAA GGCTAGCTACAACGA GTAACCTC 20387 5518 ACAUUUCC A CAAAGGUC 2446 GACCTTTG GGCTAGCTACAACGA GGAAATGT 20388 5554 CAAUAUUC A UGACAGCC 2450 GGCTGTCA GGCTAGCTACAACGA GAATATTG 20389 5563 UGACAGCC A CCCCACCA 2453 TGGTGGGG GGCTAGCTACAACGA GGCTGTCA 20390 5568 GCCACCCC A CCAGGCAC 2457 GTGCCTGG GGCTAGCTACAACGA GGGGTGGC 20391	5479	CUCAUUUC A CCGACCCA	2435	TGGGTCGG GGCTAGCTACAACGA GAAATGAG	20385
5518 ACAUUUCC A CAAAGGUC 2446 GACCTTTG GGCTAGCTACAACGA GGAAATGT 20388 5554 CAAUAUUC A UGACAGCC 2450 GGCTGTCA GGCTAGCTACAACGA GAATATTG 20389 5563 UGACAGCC A CCCCACCA 2453 TGGTGGGG GGCTAGCTACAACGA GGCTGTCA 20390 5568 GCCACCCC A CCAGGCAC 2457 GTGCCTGG GGCTAGCTACAACGA GGGGTGGC 20391	5494	CAGCUAGC A UUGCAGCA	2441	TGCTGCAA GGCTAGCTACAACGA GCTAGCTG	20386
5554 CAAUAUUC A UGACAGCC 2450 GGCTGTCA GGCTAGCTACAACGA GAATATTG 20389 5563 UGACAGCC A CCCCACCA 2453 TGGTGGGG GGCTAGCTACAACGA GGCTGTCA 20390 5568 GCCACCCC A CCAGGCAC 2457 GTGCCTGG GGCTAGCTACAACGA GGGGTGGC 20391	5512	GAGGUUAC A UUUCCACA	2444	TGTGGAAA GGCTAGCTACAACGA GTAACCTC	20387
5563 UGACAGCC A CCCCACCA 2453 TGGTGGGG GGCTAGCTACAACGA GGCTGTCA 20390 5568 GCCACCCC A CCAGGCAC 2457 GTGCCTGG GGCTAGCTACAACGA GGGGTGGC 20391	5518	ACAUUUCC A CAAAGGUC	2446	GACCTTTG GGCTAGCTACAACGA GGAAATGT	20388
5568 GCCACCCC A CCAGGCAC 2457 GTGCCTGG GGCTAGCTACAACGA GGGGTGGC 20391	5554		2450	GGCTGTCA GGCTAGCTACAACGA GAATATTG	20389
	5563	UGACAGCC A CCCCACCA	2453	TGGTGGGG GGCTAGCTACAACGA GGCTGTCA	20390
5575 CACCAGGC A CUUCAGAU 2460 ATCTGAAG GGCTAGCTACAACGA GCCTGGTG 20392			2457	GTGCCTGG GGCTAGCTACAACGA GGGGTGGC	20391
	5575	CACCAGGC A CUUCAGAU	2460	ATCTGAAG GGCTAGCTACAACGA GCCTGGTG	20392

	7703 033100 3 7770003 03	0464	MOMOCOA N. GGOTTA GOTTA GA N. GGA MOTTOS	00000
5586	UCAGAUCC A UUCCCAGA	2464	TCTGGGAA GGCTAGCTACAACGA GGATCTGA	20393
5604	UCCAAUUC A CCAAUUUC	2470	GAAATTGG GGCTAGCTACAACGA GAATTGGA	20394
5668	AAUGGAUC A CAGAAUAC	2482	GTATTCTG GGCTAGCTACAACGA GATCCATT	20395
5677	CAGAAUAC A CCGGGAAG	2484	CTTCCCGG GGCTAGCTACAACGA GTATTCTG	20396
5833	UUGUUAUC A CAACAGAC	2503	GTCTGTTG GGCTAGCTACAACGA GATAACAA	20397
5842	CAACAGAC A UAUCUGAA	2506	TTCAGATA GGCTAGCTACAACGA GTCTGTTG	20398
5911	AACCAACC A UCAUAACA	2517	TGTTATGA GGCTAGCTACAACGA GGTTGGTT	20399
5914	CAACCAUC A UAACAGAA	2518	TTCTGTTA GGCTAGCTACAACGA GATGGTTG	20400
5952	GGAGAACC A UCUGCAGU	2523	ACTGCAGA GGCTAGCTACAACGA GGTTCTCC	20401
6044	UGGGGGC A CACGAAUG	2536	CATTCGTG GGCTAGCTACAACGA GCCCCCCA	20402
6046	GGGGCAC A CGAAUGAA	2537	TTCATTCG GGCTAGCTACAACGA GTGCCCCC	20403
6074	CUUCGCCC A UUGGACUG	2542	CAGTCCAA GGCTAGCTACAACGA GGGCGAAG	20404
6087	ACUGAGGC A CGAAUCAU	2544	ATGATTCG GGCTAGCTACAACGA GCCTCAGT	20405
6094	CACGAAUC A UGCUGGAC	2545	GTCCAGCA GGCTAGCTACAACGA GATTCGTG	20406
6106	UGGACAAC A UCAACAUG	2548	CATGTTGA GGCTAGCTACAACGA GTTGTCCA	20407
6112	ACAUCAAC A UGCCAAAC	2550	GTTTGGCA GGCTAGCTACAACGA GTTGATGT	20408
6169	UAUAUACC A UGGAUGGG	2562	CCCATCCA GGCTAGCTACAACGA GGTATATA	20409
6282	GGAGUGUC A UACCACGA	2579	TCGTGGTA GGCTAGCTACAACGA GACACTCC	20410
6287	GUCAUACC A CGACCGGA	2581	TCCGGTCG GGCTAGCTACAACGA GGTATGAC	20411
6325	GGACAAAC A CAAUUUUA	2587	TAAAATTG GGCTAGCTACAACGA GTTTGTCC	20412
6358	UGGAAGUC A UCACGAAG	2591	CTTCGTGA GGCTAGCTACAACGA GACTTCCA	20413
6361	AAGUCAUC A CGAAGCUU	2592	AAGCTTCG GGCTAGCTACAACGA GATGACTT	20414
6425	CUCGGAUC A CCAGGCAC	2600	GTGCCTGG GGCTAGCTACAACGA GATCCGAG	20415
6432	CACCAGGC A CUAAAGGC	2603	GCCTTTAG GGCTAGCTACAACGA GCCTGGTG	20416
6484	UAGGGCUC A UUGAGGUU	2612	AACCTCAA GGCTAGCTACAACGA GAGCCCTA	20417
6512	GCCUGAGC A CUUCAUGG	2616	CCATGAAG GGCTAGCTACAACGA GCTCAGGC	20418
6517 6528	AGCACUUC A UGGGGAAG	2618	CTTCCCCA GGCTAGCTACAACGA GAAGTGCT	20419
	GGGAAGAC A UGGGAAGC	2619	GCTTCCCA GGCTAGCTACAACGA GTCTTCCC	20420
6537 6544	UGGGAAGC A CUUGACAC CACUUGAC A CCAUGUAC	2620	GTGTCAAG GGCTAGCTACAACGA GCTTCCCA	20421
		2622	GTACATGG GGCTAGCTACAACGA GTCAAGTG	20422
6547 6562	UUGACACC A UGUACGUU UUGUGGCC A CUGCAGAG	2624 2626	AACGTACA GGCTAGCTACAACGA GGTGTCAA	20423
6587	AAGAGCUC A CAGAAUGG	2630	CTCTGCAG GGCTAGCTACAACGA GGCCACAA CCATTCTG GGCTAGCTACAACGA GAGCTCTT	20424
6661	UGAUGACC A UGGGAGUA	2647	TACTCCCA GGCTAGCTACAACGA GGTCATCA	20425
6682	UCCUCCUC A UGCAGCGG	2653	CCGCTGCA GGCTAGCTACAACGA GAGGAGGA	20428
6697	GGAAGGC A UUGGAAAG	2655	CTTTCCAA GGCTAGCTACAACGA GCCCTTCC	20427
6889	UUUGUGUC A UGACCCUU	2688	AAGGGTCA GGCTAGCTACAACGA GACACAAA	20429
6952	AGAGUGAC A UAAGCAGU	2699	ACTGCTTA GGCTAGCTACAACGA GTCACTCT	20430
7000	AUUUCAGC A UGGGAGAG	2704	CTCTCCCA GGCTAGCTACAACGA GCTGAAAT	20431
7044	GCCUGGUC A CUGUACGC	2712	GCGTACAG GGCTAGCTACAACGA GACCAGGC	20432
7072	CGGUCCUC A CUCCACUG	2719	CAGTGGAG GGCTAGCTACAACGA GAGGACCG	20433
7077	CUCACUCC A CUGCUAAA	2722	TTTAGCAG GGCTAGCTACAACGA GGAGTGAG	20434
7088	GCUAAAGC A UUUGAUCA	2725	TGATCAAA GGCTAGCTACAACGA GCTTTAGC	20435
7096	AUUUGAUC A CGUCAGAU	2726	ATCTGACG GGCTAGCTACAACGA GATCAAAT	20436
7108	CAGAUUAC A UCAACACC	2728	GGTGTTGA GGCTAGCTACAACGA GTAATCTG	20437
7114	ACAUCAAC A CCUCAUUG	2730	CAATGAGG GGCTAGCTACAACGA GTTGATGT	20438
7119	AACACCUC A UUGACCUC	2733	GAGGTCAA GGCTAGCTACAACGA GAGGTGTT	20439
7149	GCAAGUGC A CUAUUCAC	2739	GTGAATAG GGCTAGCTACAACGA GCACTTGC	20440
7156	CACUAUUC A CACUCGCG	2741	CGCGAGTG GGCTAGCTACAACGA GAATAGTG	20441
7158	CUAUUCAC A CUCGCGCG	2742	CGCGCGAG GGCTAGCTACAACGA GTGAATAG	20442
7234	GACAAGUC A CCCUCACC	2758	GGTGAGGG GGCTAGCTACAACGA GACTTGTC	20443
7240	UCACCCUC A CCGUUACG	2762	CGTAACGG GGCTAGCTACAACGA GAGGGTGA	20444
7263	GCGGCAAC A CUCCUUUU	2766	AAAAGGAG GGCTAGCTACAACGA GTTGCCGC	20445
7277	UUUUUGCC A CUAUGCCU	2771	AGGCATAG GGCTAGCTACAACGA GGCAAAAA	20446
7288	AUGCCUAC A UGGUUCCC	2775	GGGAACCA GGCTAGCTACAACGA GTAGGCAT	20447
7351	CCGGAAUC A UGAAGAAC	2788	GTTCTTCA GGCTAGCTACAACGA GATTCCGG	20448
7375	UGGAUGGC A UCGUGGCC	2790	GGCCACGA GGCTAGCTACAACGA GCCATCCA	20449
7384	UCGUGGCC A CGGACGUC	2792	GACGTCCG GGCTAGCTACAACGA GGCCACGA	20450
7408	UAGAGCGC A CCACACCC	2796	GGGTGTGG GGCTAGCTACAACGA GCGCTCTA	20451
7411	AGCGCACC A CACCCAUC	2798	GATGGGTG GGCTAGCTACAACGA GGTGCGCT	20452
7413	CGCACCAC A CCCAUCAU	2799	ATGATGGG GGCTAGCTACAACGA GTGGTGCG	20453
7417	CCACACCC A UCAUGCAG	2802	CTGCATGA GGCTAGCTACAACGA GGGTGTGG	20454

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		10	aute vi	
7420	CACCCAUC A UGCAGAAG	2803	CTTCTGCA GGCTAGCTACAACGA GATGGGTG	20455
7444	GACAGAUC A UGCUGAUC	2806	GATCAGCA GGCTAGCTACAACGA GATCTGTC	20456
7522	UUUUGAUC A CGGCCGCA	2818	TGCGGCCG GGCTAGCTACAACGA GATCAAAA	20457
7585	CAACUGCC A UCGGACUC	2829	GAGTCCGA GGCTAGCTACAACGA GGCAGTTG	20458
7598	ACUCUGCC A CAUCAUGC	2833	GCATGATG GGCTAGCTACAACGA GGCAGAGT	20459
7600	UCUGCCAC A UCAUGCGU	2834	ACGCATGA GGCTAGCTACAACGA GTGGCAGA	20460
7603	GCCACAUC A UGCGUGGG	2835	CCCACGCA GGCTAGCTACAACGA GATGTGGC	20461
7623	UGGUUGUC A UGUCUAUC	2836	GATAGACA GGCTAGCTACAACGA GACAACCA	20462
7633	GUCUAUCC A UAACAUGG	2839	CCATGTTA GGCTAGCTACAACGA GGATAGAC	20463
7638	UCCAUAAC A UGGACACU	2840	AGTGTCCA GGCTAGCTACAACGA GTTATGGA	20464
7644	ACAUGGAC A CUCAUAAA	2841	TTTATGAG GGCTAGCTACAACGA GTCCATGT	20465
7648	GGACACUC A UAAAGAAC	2843	GTTCTTTA GGCTAGCTACAACGA GAGTGTCC	20466
7657	UAAAGAAC A UGGAAAAA	2844	TTTTTCCA GGCTAGCTACAACGA GTTCTTTA	20467
7699	AAGGACGC A CCUUGGGA	2849	TCCCAAGG GGCTAGCTACAACGA GCGTCCTT	20468
7753	AAGAGUUC A CUAGGUAC	2857	GTACCTAG GGCTAGCTACAACGA GAACTCTT	20469
7774	AAGAGGCC A UCAUCGAA	2862	TTCGATGA GGCTAGCTACAACGA GGCCTCTT	20470
7777	AGGCCAUC A UCGAAGUC	2863	GACTTCGA GGCTAGCTACAACGA GATGGCCT	20471
7805	GGCAAAAC A CGCCAGGA	2867	TCCTGGCG GGCTAGCTACAACGA GTTTTGCC	20472
7828	GCAAUGUC A CUGGAGGG	2871	CCCTCCAG GGCTAGCTACAACGA GACATTGC	20473
7838	UGGAGGC A UCCAGUCU	2873	AGACTGGA GGCTAGCTACAACGA GCCCTCCA	20474
7855	CUAGGGGC A CAGCAAAA	2878	TTTTGCTG GGCTAGCTACAACGA GCCCCTAG	20475
7990	GAGGGUAC A CAAAGGGC	2895	GCCCTTTG GGCTAGCTACAACGA GTACCCTC	20476
8009	UCCCGGAC A UGAAGAGC	2899	GCTCTTCA GGCTAGCTACAACGA GTCCGGGA	20477
8047	GAUGGAAC A UUGUCACC	2906	GGTGACAA GGCTAGCTACAACGA GTTCCATC	20478
8053	ACAUUGUC A CCAUGAAG	2907	CTTCATGG GGCTAGCTACAACGA GACAATGT	20479
8056	UUGUCACC A UGAAGAGU	2909	ACTOTICA GGCTAGCTACAACGA GGTGACAA	20480
8104	GUUGUGAC A CCCUCCUU	2915	AAGGAGGG GGCTAGCTACAACGA GTCACAAC	20481
8119	UUUGUGAC A UCGGAGAG	2921	CTCTCCGA GGCTAGCTACAACGA GTCACAAA	20482
8156	UGAAGAGC A UAGGACGA	2926	TCGTCCTA GGCTAGCTACAACGA GCTCTTCA	20483
8198	CUGGCUGC A CCGAGGGC	2931	GCCTCGG GGCTAGCTACAACGA GCAGCCAG	20484
8242	GCCCCUAC A UGCCGAAA	2941	TTTCGGCA GGCTAGCTACAACGA GTAGGGGC	20485
8254	CGAAAGUC A UAGAGAAG	2943	CTTCTCTA GGCTAGCTACAACGA GACTTTCG	20486
8310	AGAAACCC A CUCUCACG	2953	CGTGAGAG GGCTAGCTACAACGA GGGTTTCT	20487
8316	CCACUCUC A CGGAAUUC	2956	GAATTCCG GGCTAGCTACAACGA GAGAGTGG	20488
8326	GGAAUUCC A CGCACGAG	2958	CTCGTGCG GGCTAGCTACAACGA GGAATTCC	20489
8330	UUCCACGC A CGAGAUGU	2959	ACATCTCG GGCTAGCTACAACGA GCGTGGAA	20490
8372	UGUGGUAC A UUCAGUGA	2963	TCACTGAA GGCTAGCTACAACGA GTACCACA	20491
8506	ACUCAGAC A CCAGUAAA	2989	TTTACTGG GGCTAGCTACAACGA GTCTGAGT	20492
8564	GACGUGGC A CCACGAUG	2997	CATCGTGG GGCTAGCTACAACGA GCCACGTC	20493
8567	GUGGCACC A CGAUGAGA	2999	TCTCATCG GGCTAGCTACAACGA GGTGCCAC	20494
8579	UGAGAACC A CCCAUAUA	3001	TATATGGG GGCTAGCTACAACGA GGTTCTCA	20495
8583	AACCACCC A UAUAGAAC	3004	GTTCTATA GGCTAGCTACAACGA GGGTGGTT	20496
8603	GAACUAUC A CGGCAGUU	3008	AACTGCCG GGCTAGCTACAACGA GATAGTTC	20497
8626	UGAAGCCC A CAGGCUCC	3012	GGAGCCTG GGCTAGCTACAACGA GGGCTTCA	20498
8679	UCAAAACC A UGGGACAC	3027	GTGTCCCA GGCTAGCTACAACGA GGTTTTGA	20499
8686	CAUGGGAC A CCAUCACG	3028	CGTGATGG GGCTAGCTACAACGA GTCCCATG	20500
8689	GGGACACC A UCACGAAU	3030	ATTCGTGA GGCTAGCTACAACGA GGTGTCCC	20501
8692	ACACCAUC A CGAAUGUU	3031	AACATTCG GGCTAGCTACAACGA GATGGTGT	20502
8704	AUGUUACC A CCAUGGCC	3033	GGCCATGG GGCTAGCTACAACGA GGTAACAT	20502
8707	UUACCACC A UGGCCAUG	3035	CATGGCCA GGCTAGCTACAACGA GGTGGTAA	20504
8713	CCAUGGCC A UGACUGAC	3033	GTCAGTCA GGCTAGCTACAACGA GGCCATGG	
8722	UGACUGAC A CUACUCCC	3037	GGGAGTAG GGCTAGCTACAACGA GGCCATGG	20505
8767	AGGUGGAC A CGAAAGCU	3048	AGCTTTCG GGCTAGCTACAACGA GTCCACCT	20506
8818	AUGAGACC A CCAACUGG	3058	CCAGTTGG GGCTAGCTACAACGA GGTCTCAT	20507
8884	AGGAAUUC A UAAGAAAG	3069	CTTTCTTA GGCTAGCTACAACGA GAATTCCT	20508
8920	UGGGUGCC A UGUUUGAA	3076	TTCAAACA GGCTAGCTACAACGA GAATTCCT	20509
9009	CGCGAGGC A CAUCUGCG	3076	CGCAGATG GGCTAGCTACAACGA GCCCCCA	20510
9011	CGAGGCAC A UCUGCGGG	3084	CCCGCAGA GGCTAGCTACAACGA GCCTCGCG CCCGCAGA GGCTAGCTACAACGA GTGCCTCG	20511
9029	GGAAUGUC A CACUUGCA	3087	TGCAAGTG GGCTAGCTACAACGA GTGCCTCG	20512
9031	AAUGUCAC A CUUGCAUU			20513
9037	ACACUUGC A UUUACAAC	3088	AATGCAAG GGCTAGCTACAACGA GTGACATT	20514
9046	UUUACAAC A UGAUGGGA	3090	GTTGTAAA GGCTAGCTACAACGA GCAAGTGT	20515
7050	ADDOCATE A CONDUCTA	3092	TCCCATCA GGCTAGCTACAACGA GTTGTAAA	20516

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	Table V/I	

1915 UUUQQUUC A UUUQQCUC 3110 GAGCCACA GGCTACTACAACGA GAACCAA 20518 1973 UGARADACCA A CUCGGCUG 31121 ACGCAGGA GGCTTACTACAACGA GGCTACTCACACACA 20529 2926 AAGUUGGCA CUCGGCUC 3124 AGGCCAGGA GGCTTACTACAACGA GCCAACCT 20521 2928 CUGAUGACA CACGCACUC 3136 AGGCCAGGA GGCTTACTACAACGA GCCAACCT 20521 3910 ACACCAGA CACCAGACA 3136 GATGCCAG GGCTTACTACAACGA GCCAACCT 20521 3911 ACACCAGA CACCAGACA 3136 GATGCCAG GGCTTACTACAACGA GCCAACCT 20521 3912 ACACCAGA CACCAGACA 3139 TCTCOGTA GGCTTACTACAACGA GCCACCAG 20523 3913 CCCGCAUC A CGAGAGA 3139 TCTCOGTA GGCTTACTACAACGA GCGGTGC 20524 3914 AGGCCAGA GCCAGACA 3140 AGCTCCTCG GGCTTACTACAACGA GTCCCCAC 20526 3926 UGAGGACA UCGAGGACA 3147 GACCCCCAG GCGTTACTACAACGA GTCCCCAC 20526 3938 CCAGGGCC A UCAUGAGC 3152 CCAATGA GGCTACTACAACGA GTCCCCAC 20526 3939 CGCCAUC A UCGAGGAC 3152 CCAATGA GGCTACTACAACGA GTCCCCAC 20526 3940 UUGAGCUC ACAAGGUUG 3153 GAGCTCAA GGCTACATACAACGA GTCCCCAC 20526 4010 UUGAGCUC ACAAGGUUG 3155 ACGATAGG GGCTACATACAACGA GAGCCCTG 20527 4010 UUGAGCUC ACAAGGUUG 3158 ACGATAGG GGCTACATACAACGA GAGCCCTG 20528 4010 UUGAGCUC ACAAGGUUG 3158 ACGATAGG GGCTACATACAACGA GAGCGTCA 20529 4010 UUGAGCUC ACAAGGUUG 3158 ACGATAGG GGCTACATACAACGA GAGCGTCA 20529 4010 UUGAGCUC ACAAGGUUG 3158 ACAACTCCA GGCTACATACAACGA GAGCGTTC 20531 4010 CUGAUCACC 3171 GGCCTAGG GGCTTACAACGA GAACACTT 20531 4010 CUGAUCACC 3171 GGCCTAGG GGCTTACAACGA GAACACTT 20531 5020 CCUAAACA C UUUCACC 3173 GGCCTAGG GGCTACATACAACGA GACACTT 20531 5021 CCUAAACA C UUUCACC 3173 GGCCTAGG GGCTACATACAACGA GAACACTT 20531 5021 CAGACCCC A UGCCUCA 3179 CAGGTTGG GGCTACATACAACGA GACACTT 20531 5021 CAGACCCC A UUCCACC 3171 GGCCTAGG GGCTACATACAACGA GACACTT 20531 5021 CAGACCCC A UUCCACC 3171 GGCCTAGG GGCTACATACAACGA GACACTT 20531 5021 CAGACCCC A UUCC		·			
1937 USANGACC A CUIGGUIG 3110 CARGCONG GETTACCACAGG GETTACCACAGG	9106	GCAGAGCC A UUUGGUUC	3099	GAACCAAA GGCTAGCTACAACGA GGCTCTGC	20517
1935	9115	UUUGGUUC A UGUGGCUC	3100	GAGCCACA GGCTAGCTACAACGA GAACCAAA	20518
2925	9173	UGAAGACC A CUGGCUUG	3110	CAAGCCAG GGCTAGCTACAACGA GGTCTTCA	20519
9256 AAUJUSGC A CCCGGCCU 3124 AGGCCGG GGCTAGCTACAAGA GCCACTT 20522 9289 CURRIGAR A CAGCGCC 3132 GGCACCTG GGCTAGCTACAAGA GCCACCAG 20523 9364 GCUGGGAC A CCCGCAUC 3136 GATCGCGG GGCTAGCTACAAGA GTCCCAG 20523 9310 ACACCCGC A UCACGAGA	9238	UGGGUUAC A UCCUGCGU	3121	ACGCAGGA GGCTAGCTACAACGA GTAACCCA	20520
9289 CURNUBER & CARCUGGC 3132 GOCAGCTG GGCTAGCTACARGA GTCATCAG 20522 9504 GURGGGA & COCGGCIC 3136 GRITCOGGG GGCTAGCTACARGA GTCCAGG 20523 9510 ACACCGCG & UCAGGAGA 3139 TCTCGTGA GGCTAGCTACARGA GGTGGTGT 20523 9510 ACACCGCG & UCAGGAGA 3140 ACCCCGG GGCTAGCTACARGA GGTGGTGC 20523 9510 ACACGGCG & UCAGGAGA 3147 GACCCCGA GGCTAGCTACARGA GTCCCCCC 20536 95188 CCAGGGGC & UCAGGGGG 3152 CTCANTOR GGCTAGCTACARGA GTCCCCCC 20526 95188 CCAGGGGC & UCAGGGGG 3153 GAGCTCGA GGCTAGCTACARGA GTCCCCCC 20526 9400 UUGAGCUC & ACCURDOGU 3155 ACGATTAG GGCTAGCTACARGA GACCCCTAG 20527 9410 CURCGCC & ACCURDOGU 3158 ACACTCCA GGCTAGCTACARGA GACGCCCTAG 20528 9410 CURCGCC & ACCURDOGU 3158 ACACTCCA GGCTAGCTACARGA GACGATCA 20530 9410 CURCGCC & ACCURDOGU 3158 ACACTCCA GGCTAGCTACARGA GACGATCA 20530 9410 CURCGCC & ACCURDOGU 3158 ACACTCCA GGCTAGCTACARGA GACGATCC 20531 9505 ARQUIDUC & CURCAGCC 3171 GGCGAGA GGCGATGA GGCATACA 20530 9505 ARQUIDUC & CURCAGCC 3171 GGCGAGA GGCGATGA GGCATACA 20530 9526 ACACURUC & CACACCU 3179 CAGGTGTGGCAGACGA GACACTT 20532 9526 ACACURUC & CACACCU 3179 CAGGTGTGGCAGACGA GACACTT 20532 9567 CURCAGCC & CUCCACCC 3179 CAGGTGTGGCAGACGA GACACTT 20533 95667 CUCAGCCC & CUCCACC 3124 GACCCAG GGCTAGCTACACAG GACACTT 20539 9731 CUCCACC & CUCCACC 3214 GACCCAG GGCTAGCTACACAG GGCGACGA CCCC 20530 20537 9731 CUCCACC & CUCCACC 3219 CCCTTTTG GGCTAGCTACACAG GGCAGCAG CCCC 20530 205		AAGUUGGC A CCCGGCCU	3124	AGGCCGGG GGCTAGCTACAACGA GCCAACTT	20521
				GCCAGCTG GGCTAGCTACAACGA GTCATCAG	20522
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9731 GCUUUGCC A CCUCGCUC 3214 GAGCGAGG GGCTAGCTACAACGA GGCAAGC 20537 9731 CUCGCUC A CUUCCCUCA 3219 TGAGGAAG GGCTAGCTACAACGA GGAGCAAG 20538 9766 GCAAAGAC A UCCAAGAG 3227 CTCTTGGA GGCTAGCTACAACGA GGCAGCTAGCTACACGA GGCAGCTAGCTACACCA CTCTTGC 20539 9816 CAGGUUCC A UUUUGCUC 3236 GAGCAAAA GGCTAGCTACAACGA GGAACCTG 20540 9830 CUCAAACC A UUUUGCUC 3240 CAGTGAAA GGCTAGCTACAACGA GGAACCTG 20540 9835 ACCAUUUC A CUGAAUUG 3241 CAATTCAG GGCTAGCTACAACGA GAAATGGT 20542 9847 AAUUGAUC A UGAAAGAU 3243 ATCTTTCA GGCTAGCTACAACGA GAAATGGT 20542 9847 AAUUGAUC A UGAAAGAU 3243 ATCTTTCA GGCTAGCTACAACGA GAAATGGT 20543 9876 GUGGUUCC A UGACGAGG 3247 CCTCGGCA GGCTAGCTACAACGA GATCAATT 20543 98776 GUGGUUCC A UGCCGAGG 3247 CCTCGGCA GGCTAGCTACAACGA GATCAATT 20543 98787 GUGGUUCC A UGCCGAGG 3247 CCTCGGCA GGCTAGCTACAACGA GTCAATTCC 20545 9913 GAGCUCG A UAUCUCCA 3252 TGGAGATA GGCTAGCTACAACGA GGAACCAC 20545 9914 UCCGGGAC A CUGCUUGU 3258 ACAACGA GGCTAGCTACAACGA GGAACCAC 20549 9916 UCCGGGAC A CUGCUUGU 3258 ACAACGA GGCTAGCTACAACGA GGAACTAC 20549 9918 GUACUUCC A CAGAAGAG 3272 CTCTTCTG GGCTAGCTACAACGA GGAACTAC 20549 10018 UGCGGCC A UUUCCUCC 3281 GGAGCACA GGCTAGCTACAACGA GGAACTAC 20549 10030 CCAACGCC A UUUCCUCC 3281 GGAGCACA GGCTAGCTACAACGA GGAACTAC 20549 10031 CCAACGCC A UUUCCUCC 3281 GGAGCACA GGCTAGCTACAACGA GGAACTAC 20549 10030 CCAACGCC A UUUCCUCC 3281 GGAGCACA GGCTAGCTACAACGA GGAACTAC 20549 10031 CCAACGCC A UUUCCUCC 3281 GGAGCACA GGCTAGCTACAACGA GGCTTGC 20551 10056 CGUGGUCC A UCCAUGCA 3295 TGCATGGA GGCTAGCTACAACGA GGCTTGC 20551 10058 GUGGUCC A UCCAUGCA 3295 TGCATGGA GGCTAGCTACAACGA GGCTTTC 20551 10058 GUGGUCC A UCCAUGCA 3295 TGCATGGA GGCTAGCTACAACGA GGCTTTC 20551 10058 GUGGUCC A UUCCAGG 3395 TGCATGGA GGCTAGCTACAACGA GGCTTTC 20551 10058 GUGGUCC A UUCCAGG 3395 TGCATGGA GGCTAGCTACAACGA GGCTTGCT 20551 10058 GUGGUCC A UUCCAGG 3395 TGCATGGA GGCTAGCTACAACGA GGCTACCT 20551 10058 GUGGUCC A UUCCAGG 3395 TGCATGGA GGCTAGCTACAACGA GGCTACCT 20551 10058 GUGGUCC A UUCCAGC 3395 TGCATGGA GGCTAGCTACAACGA GGCTACCTCAC 20551 10058 GUGGUCC A UUCCAGCA 3395 TGCATGGA GGCTAGCTACAACGA	9601	AGAAACUC A CAAAAGGG	3192	CCCTTTTG GGCTAGCTACAACGA GAGTTTCT	20535
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10120 CAGAGGAC A UGUUGGAG 3301 CTCCAACA GGCTAGCTACAACGA GTCCTCTG 20554 10206 GACGUCCC A UAUUCAGG 3311 CCTGAATA GGCTAGCTACAACGA GGGACGTC 20555 10228 GAGAGGAC A UCUGGUGU 3313 ACACCAGA GGCTAGCTACAACGA GTCCTCTC 20556 10252 UGAUUGGC A CAGUGGCA 3318 GGCTCTTG GGCTAGCTACAACGA GCCAATCA 20557 10267 CCCGAGCC A CGUGGCA 3323 TGCCCACG GGCTAGCTACAACGA GCTCGGG 20558 10282 CAGAAAAC A UCCAGGUG 3325 CACCTGGA GGCTAGCTACAACGA GTTTCTG 20559 10315 GAGCAAUC A UCGGAGAU 3334 ATCTCCGA GGCTAGCTACAACGA GATTGCTC 20560 10342 UGGAUUCA A UGAGUUCA 3335 TGAACTCA GGCTAGCTACAACGA GATTCCA 20561 10350 AUGAGUC A CAGUACUG 3338 CATCTTTAG GGCTAGCTACAACGA GTCTCAT 20562 10369 AUGAGACA C ACAGUACUG 3341 CAGTACTG GGCTACAACGA GTCTCAA 20563 10436 AAGUAUGC A UAAAAGUG 3346 CACTTTTA GGCTACAACGA GCATACTT 20565 10528 UUCCCGCC A CCGGAAGU 3352 ACTTCCGG GGCTAGCTACAACGA GGCT	<u></u>			<u> </u>	
10206 GACGUCCC A UAUUCAGG 3311 CCTGAATA GGCTAGCTACAACGA GGGACGTC 20555 10228 GAGAGGAC A UCUGGUGU 3313 ACACCAGA GGCTAGCTACAACGA GTCCTCTC 20556 10252 UGAUUGGC A CAAGAGCC 3318 GGCTCTTG GGCTAGCTACAACGA GCCAATCA 20557 10267 CCCGAGCC A CGUGGGCA 3323 TGCCCACG GGCTAGCTACAACGA GGCTTCTGG 20558 10282 CAGAAACA A UCGGAGUU 3325 CACCTGGA GGCTAGCTACAACGA GTTTCTG 20550 10315 GAGCABUC A UCGGAGAU 3334 ATCTCCGA GGCTAGCTACAACGA GATTGCTC 20560 10342 UGGAGUUC A UGAGGAG 3336 CTCTTTAG GGCTAGCTACAACGA GTAATCCA 20561 10350 AUGAGGAC A CAGUUUG 3338 CAAAGTTG GGCTAGCTACAACGA GACTCAT 20562 10369 AUGAGGAC A CAGUAGUG 3341 CAGTTACTGACACGA GTTCTCAT 20563 10387 UUGAGGAC A CAGUAGG 3341 CAGTT				<u></u>	
10228 GAGAGGAC A UCUGGUGU 3313 ACACCAGA GGCTAGCTACAACGA GTCCTCTC 20556 10252 UGAUUGGC A CAAGAGCC 3318 GGCTCTTG GGCTAGCTACAACGA GCCAATCA 20557 10267 CCCGAGCC A CGUGGGCA 3323 TGCCCACG GGCTAGCTACAACGA GCTCGGG 20558 10262 CACAAAAC A UCCAGGUG 3325 CACCTGGA GGCTAGCTACAACGA GTTTTCTG 20559 10315 GAGCAAUC A UCGAGAU 3334 ATCTCCGA GGCTAGCTACAACGA GATTGCTC 20560 10342 UGGAUUAC A UGAGUUCA 3335 TGAACTCA GGCTAGCTACAACGA GATACTCA 20561 10350 AUGAGUUC A CUAAAGAG 3336 CTCTTTAG GGCTAGCTACAACGA GAACTCAT 20562 10369 AUGAGAC A CAGUUUG 3338 CAAAGTTG GGCTAGCTACAACGA GTCTCAT 20563 10387 UUGAGGAC A CAGUACUG 3341 CAGTACTT GGCTAGCTACAACGA GTCTCAA 20564 10436 AAGUAUGC A UAAAAGUG 3346 CACTTTTA GGCTAGCTACAACGA GGCTGAA 20565 10528 UUCCCGC A CGGAAGU 3352 ACTTCCGG GGCTAGCTACAACGA GGCTGACT 20567 10641 AGGACCC A UGUUGUA 3377 ACAACACA GGCTAGCTACAACGA GG	L				
10252 UGAUUGGC A CAAGAGCC 3318 GGCTCTTG GGCTACAACGA GCCAATCA 20557 10267 CCCGAGCC A CGUGGGCA 3323 TGCCCACG GGCTAGCTACAACGA GGCTCGGG 20558 10282 CAGAAAAC A UCCAGGUG 3325 CACCTGGA GGCTAGCTACAACGA GTTTTCTG 20559 10315 GAGCAAUC A UCGGAGAU 3334 ATCTCCGA GGCTAGCTACAACGA GTTATCCA 20560 10342 UGGAUUC A UGAGUUCA 3335 TGAACTCA GGCTACCAACGA GTAATCCA 20561 10350 AUGAGUUC A CUAAAGAG 3336 CTCTTTAG GGCTAGCTACAACGA GTATCTAT 20562 10369 AUGAGAC A CACUUUG 3338 CAAAGTTG GGCTAGCTACAACGA GTCTCAT 20563 10387 UUGAGGAC A CAGUACUG 3341 CAGTACTT GGCTAGCTACAACGA GTCTCAA 20564 10436 AAGUAUGC A UAAAAGUG 3346 CACTTTTA GGCTAGCTACAACGA GTCTCAA 20565 10528 UUCCCGCC A CCGGAAGU 3352 ACTTCCGG GGCTAGCTACAACGA GCGGGGAA 20566 10604 AGUGAUCC A UGUAGGC 3367 GGCTTACA GGCTAGCTACAACGA GGGTCT 20567 10641 AGGACCCC A CAUGUUGU 3377 ACAACATG GGCTAC					
10267 CCCCAGGCC A CGUGGGCA 3323 TGCCCACG GGCTAGCTACAACGA GGCTCGGG 20558 10282 CAGAAAAC A UCCAGGUG 3325 CACCTGGA GGCTAGCTACAACGA GTTTTCTG 20559 10315 GAGCAAUC A UCGGAGAU 3334 ATCTCCGA GGCTAGCTACAACGA GATTGCTC 20560 10342 UGGAUUAC A UGAGUUCA 3335 TGAACTCA GGCTAGCTACAACGA GTAATCCA 20561 10350 AUGAGUC A CUAAAGAG 3336 CTCTTTAG GGCTAGCTACAACGA GAACTCAT 20562 10369 AUGAAGAC A CAACUUG 3341 CAGTACTG GGCTAGCTACAACGA GTCTCAA 20563 10387 UUGAGGAC A CAGUAUG 3341 CAGTTTTA GGCTAGCTACAACGA GCATACTT 20565 10528 UUCCCGCC A CCGGAAGU 3352 ACTTCCGG GGCTAGCTACAACGA GGCTGGAA 20566 10641 AGGACCCC A UGUUGUA 3377 ACAACATG GGCTAGCTACAACGA GGGTCCT 20568					
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10315 GAGCAAUC A UCGGAGAU 3334 ATCTCCGA GGCTAGCTACAACGA GATTGCTC 20560 10342 UGGAUUAC A UGAGUUCA 3335 TGAACTCA GGCTAGCTACAACGA GTAATCCA 20561 10350 AUGAGUUC A CUAAAGAG 3336 CTCTTTAG GGCTAGCTACAACGA GAACTCAT 20562 10369 AUGAAGAC A CAACUUUG 3338 CAAAGTTG GGCTAGCTACAACGA GTCTCAA 20563 10387 UUGAGGAC A CAGUACUG 3341 CAGTACTG GGCTAGCTACAACGA GTCCTCAA 20564 10436 AAGUAUGC A UAAAAGUG 3346 CACTTTTA GGCTAGCTACAACGA GCATACTT 20565 10528 UUCCCGCC A CCGGAAGU 3352 ACTTCCGG GGCTAGCTACAACGA GCGGGGAA 20566 10604 AGUGAUCC A UGUAAGCC 3367 GGCTTACA GGCTAGCTACAACGA GGATCACT 20567 10641 AGGACCCC A CAUGUUGU 3377 ACAACATG GGCTAGCTACAACGA GGGGTCCT 20568 10643 GACCCCAC A UGUUGUAA 3378 TTACAACA GGCTAGCTACAACGA GTGGGTC 20569 10674 GUCAGACC A CGCGGCCC 3405 GGGCCGCG GGCTAGCTACAACGA GGCCTTGAC 20570 10759 AACGCCC A CGCGGCCC 3405 GGGCCGCG GGCTAGCTA					
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10369 AUGAAGAC A CAACUJUG 3338 CAAAGTTG GGCTAGCTACAACGA GTCTTCAT 20563 10387 UUGAGGAC A CAGUACUG 3341 CAGTACTG GGCTAGCTACAACGA GTCCTCAA 20564 10436 AAGUAUGC A UAAAAGUG 3346 CACTTTTA GGCTAGCTACAACGA GCATACTT 20565 10528 UUCCCGCC A CCGGAAGU 3352 ACTTCCGG GGCTAGCTACAACGA GGCGGGAA 20566 10604 AGUGAUCC A UGUAAGCC 3367 GGCTTACA GGCTAGCAACGA GGATCACT 20567 10641 AGGACCCC A CAUGUUGU 3377 ACAACATG GGCTAGCTACAACGA GGGGTCCT 20568 10643 GACCCCCAC A UGUUGUAA 3378 TTACAACA GGCTAGCTACAACGA GTGGGGTC 20569 10674 GUCAGACC A CGCUACGG 3386 CCGTAGCTAGCTACAACGA GGTCTGAC 20570 10759 AACGCCCC A CGCGCCC 3405 GGGCCGCG GGCTAGCTACAACGA GGACCTTTA 20572 10838 UAAAGUGC A CGGCCCAG 3418 CTGGGCCG GGCTAGCTACAACGA GCACTTTA 20572 10903 CCCGUGCC A CAAAACAC 3432 GTGTTTTG GGCTACCAACGA GGCACGG 20573 10910 CACAAAAC A CCACAACA 3434 TGTTGTG GGCTAGCTACAACGA GTT	10342		3335		20561
10387 UUGAGGAC A CAGUACUG 3341 CAGTACTG GGCTAGCTACAACGA GTCCTCAA 20564 10436 AAGUAUGC A UAAAAGUG 3346 CACTTTTA GGCTAGCTACAACGA GCATACTT 20565 10528 UUCCCGCC A CCGGAAGU 3352 ACTTCCGG GGCTAGCTACAACGA GGCGGGAA 20566 10604 AGUGAUCC A UGUAGCC 3367 GGCTTACA GGCTAGCTACAACGA GGATCACT 20567 10641 AGGACCCC A CAUGUUGU 3377 ACAACATG GGCTAGCTACAACGA GGGGTCCT 20568 10643 GACCCCAC A UGUUGUA 3378 TTACAACA GGCTAGCTACAACGA GTGGGGTC 20569 10674 GUCAGACC A CGCUACGG 3386 CCGTAGCG GGCTAGCTACAACGA GGTCTGAC 20570 10759 AACGCCCC A CGCGCCC 3405 GGGCCGCG GGCTAGCTACAACGA GGGGCGTT 20571 10838 UAAAGUGC A CGGCCCAG 3418 CTGGGCCG GGCTAGCTACAACGA GCACTTTA 20572 10903 CCCGUGCC A CAAAACAC 3432 GTGTTTTG GGCTAGCTACAACGA GTCTTTGTG 20573 10910 CACAAAAC A CCACAACA 3434 TGTTGTG GGCTACCAACGA GTTTTTGT 20575 10926 AAAACACC A CAACAAAA 3440 TGTCAATA GGCTACAACGA G	10350		3336		20562
10436 AAGUAUGC A UAAAAGUG 3346 CACTTTTA GGCTAGCTACAACGA GCATACTT 20565 10528 UUCCCGCC A CCGGAAGU 3352 ACTTCCGG GGCTAGCTACAACGA GGCGGGAA 20566 10604 AGUGAUCC A UGUAAGCC 3367 GGCTTACA GGCTAGCTACAACGA GGATCACT 20567 10641 AGGACCCC A CAUGUUGU 3377 ACAACATG GGCTAGCTACAACGA GGGGTCCT 20568 10643 GACCCCAC A UGUUGUAA 3378 TTACAACA GGCTAGCTACAACGA GTGGGGTC 20569 10674 GUCAGACC A CGCUACGG 3386 CCGTAGCG GGCTAGCTACAACGA GGTGTAC 20570 10759 AACGCCCC A CGCGCCC 3405 GGGCCGCG GGCTAGCTACAACGA GGGGCGTT 20571 10838 UAAAGUGC A CGGCCCAG 3418 CTGGGCCG GGCTAGCTACAACGA GCACTTTA 20572 10903 CCCGUGCC A CAAAACAC 3432 GTGTTTTG GGCTAGCTACAACGA GGCACGG 20573 10910 CACAAAAC A CCACAACA 3434 TGTTGTG GGCTAGCTACAACGA GTTTTGT 20574 10913 AAAACACC A CAACAAAA 3436 TTTTGTTG GGCTAGCTACAACGA GCTGTTTT 20575 10926 AAAACAGC A UAUUGACA 3440 TGTCAATA GGCTACCAACGA	10369	AUGAAGAC A CAACUUUG	3338	CAAAGTTG GGCTAGCTACAACGA GTCTTCAT	20563
10528 UUCCCGCC A CCGGAAGU 3352 ACTTCCGG GGCTAGCTACAACGA GGCGGGAA 20566 10604 AGUGAUCC A UGUAAGCC 3367 GGCTTACA GGCTAGCTACAACGA GGATCACT 20567 10641 AGGACCCC A CAUGUUGU 3377 ACAACATG GGCTAGCTACAACGA GGGGTCCT 20568 10643 GACCCCAC A UGUUGUAA 3378 TTACAACA GGCTAGCTACAACGA GTGGGGTC 20569 10674 GUCAGACC A CGCUACGG 3386 CCGTAGCG GGCTAGCTACAACGA GGTCTGAC 20570 10759 AACGCCCC A CGCGCCC 3405 GGGCCGCG GGCTAGCTACAACGA GGGGCGTT 20571 10838 UAAAGUGC A CGGCCCAG 3418 CTGGGCCG GGCTAGCTACAACGA GCACTTTA 20572 10903 CCCGUGCC A CAAAACAC 3432 GTGTTTTG GGCTACAACGA GGCACGG 20573 10910 CACAAAAC A CCACAACA 3434 TGTTGTG GGCTAGCTACAACGA GTTTTGTG 20574 10913 AAAACACC A CAACAAAA 3436 TTTTGTTG GGCTAGCTACAACGA GGTGTTTT 20575 10926 AAAACAGC A UAUUGACA 3440 TGTCAATA GGCTACCAACGA GTCAATAT 20576 10934 AUAUUGAC A CCUGGGAU 3441 ATCCCAGG GGCTAGCTACAACGA G	10387	UUGAGGAC A CAGUACUG	3341	CAGTACTG GGCTAGCTACAACGA GTCCTCAA	20564
10604 AGUGAUCC A UGUAAGCC 3367 GGCTTACA GGCTAGCTACAACGA GGATCACT 20567 10641 AGGACCCC A CAUGUUGU 3377 ACAACATG GGCTAGCTACAACGA GGGGTCCT 20568 10643 GACCCCAC A UGUUGUAA 3378 TTACAACA GGCTAGCTACAACGA GTGGGGTC 20569 10674 GUCAGACC A CGCUACGG 3386 CCGTAGCG GGCTAGCTACAACGA GGTCTGAC 20570 10759 AACGCCCC A CGCGCCC 3405 GGGCCGCG GGCTAGCTACAACGA GGGGCGTT 20571 10838 UAAAGUGC A CGGCCCAG 3418 CTGGGCCG GGCTAGCTACAACGA GCACTTTA 20572 10903 CCCGUGCC A CAAAACAC 3432 GTGTTTTG GGCTAGCTACAACGA GGCACGGG 20573 10910 CACAAAAC A CCACAACA 3434 TGTTGTGG GGCTAGCTACAACGA GTTTTTG 20574 10913 AAAACACC A CAACAAAA 3436 TTTTGTTG GGCTAGCTACAACGA GGTGTTTT 20575 10926 AAAACAGC A UAUUGACA 3440 TGTCAATA GGCTACCAACGA GTCAATAT 20576 10934 AUAUUGAC A CCUGGGAU 3441 ATCCCAGG GGCTAGCTACAACGA GTCAATAT 20577	10436	AAGUAUGC A UAAAAGUG	3346	CACTTITA GGCTAGCTACAACGA GCATACTT	20565
10604 AGUGAUCC A UGUAAGCC 3367 GGCTTACA GGCTAGCTACAACGA GGATCACT 20567 10641 AGGACCCC A CAUGUUGU 3377 ACAACATG GGCTAGCTACAACGA GGGGTCCT 20568 10643 GACCCCAC A UGUUGUAA 3378 TTACAACA GGCTAGCTACAACGA GTGGGGTC 20569 10674 GUCAGACC A CGCUACGG 3386 CCGTAGCG GGCTAGCTACAACGA GGTCTGAC 20570 10759 AACGCCCC A CGCGCCC 3405 GGGCCGCG GGCTAGCTACAACGA GGGGCGTT 20571 10838 UAAAGUGC A CGGCCCAG 3418 CTGGGCCG GGCTAGCTACAACGA GCACTTTA 20572 10903 CCCGUGCC A CAAAACAC 3432 GTGTTTTG GGCTAGCTACAACGA GGCACGGG 20573 10910 CACAAAAC A CCACAACA 3434 TGTTGTGG GGCTAGCTACAACGA GTTTTTG 20574 10913 AAAACACC A CAACAAAA 3436 TTTTGTTG GGCTAGCTACAACGA GGTGTTTT 20575 10926 AAAACAGC A UAUUGACA 3440 TGTCAATA GGCTACCAACGA GTCAATAT 20576 10934 AUAUUGAC A CCUGGGAU 3441 ATCCCAGG GGCTAGCTACAACGA GTCAATAT 20577	10528	UUCCCGCC A CCGGAAGU	3352	ACTTCCGG GGCTAGCTACAACGA GGCGGGAA	20566
10641 AGGACCCC A CAUGUIGU 3377 ACAACATG GGCTAGCTACAACGA GGGGTCCT 20568 10643 GACCCCAC A UGUUGUAA 3378 TTACAACA GGCTAGCTACAACGA GTGGGGTC 20569 10674 GUCAGACC A CGCUACGG 3386 CCGTAGCG GGCTAGCTACAACGA GGTCTGAC 20570 10759 AACGCCCC A CGCGCCC 3405 GGGCCGCG GGCTAGCTACAACGA GGGGCGTT 20571 10838 UAAAGUGC A CGGCCCAG 3418 CTGGGCCG GGCTAGCTACAACGA GCACTTTA 20572 10903 CCCGUGCC A CAAAACAC 3432 GTGTTTTG GGCTAGCTACAACGA GGCACGGG 20573 10910 CACAAAAC A CCACAACA 3434 TGTTGTGG GGCTAGCTACAACGA GTTTTGTG 20574 10913 AAAACACC A CAACAAAA 3436 TTTTGTTG GGCTACCAACGA GGTGTTTT 20575 10926 AAAACAGC A UAUUGACA 3440 TGTCAATA GGCTACCAACGA GCTGTTTT 20576 10934 AUAUUGAC A CCUGGGAU 3441 ATCCCAGG GGCTAGCTACAACGA GTCAATAT 20577			3367	GGCTTACA GGCTAGCTACAACGA GGATCACT	20567
10643 GACCCCAC A UGUUGUAA 3378 TTACAACA GGCTAGCTACAACGA GTGGGGTC 20569 10674 GUCAGACC A CGCUACGG 3386 CCGTAGCG GGCTAGCTACAACGA GGTCTGAC 20570 10759 AACGCCCC A CGCGGCCC 3405 GGGCCGCG GGCTAGCTACAACGA GGGGCGTT 20571 10838 UAAAGUGC A CGGCCCAG 3418 CTGGGCCG GGCTAGCTACAACGA GCACTTTA 20572 10903 CCCGUGCC A CAAAACAC 3432 GTGTTTTG GGCTAGCTACAACGA GGCACGGG 20573 10910 CACAAAAC A CCACAACA 3434 TGTTGTGG GGCTAGCTACAACGA GTTTTTGT 20574 10913 AAAACACC A CAACAAAA 3436 TTTTGTTG GGCTAGCTACAACGA GGTGTTTT 20575 10926 AAAACAGC A UAUUGACA 3440 TGTCAATA GGCTAGCTACAACGA GCTGTTTT 20576 10934 AUAUUGAC A CCUGGGAU 3441 ATCCCAGG GGCTAGCTACAACGA GTCAATAT 20577	1			ACAACATG GGCTAGCTACAACGA GGGGTCCT	20568
10674 GUCAGACC A CGCUACGG 3386 CCGTAGCG GGCTAGCTACAACGA GGTCTGAC 20570 10759 AACGCCCC A CGCGGCCC 3405 GGGCCGCG GGCTAGCTACAACGA GGGGCGTT 20571 10838 UAAAGUGC A CGGCCCAG 3418 CTGGGCCG GGCTAGCTACAACGA GCACTTTA 20572 10903 CCCGUGCC A CAAAACAC 3432 GTGTTTTG GGCTAGCTACAACGA GGCACGGG 20573 10910 CACAAAAC A CCACAACA 3434 TGTTGTGG GGCTAGCTACAACGA GTTTTTGT 20574 10913 AAAACACC A CAACAAAA 3436 TTTTGTTG GGCTAGCTACAACGA GGTGTTTT 20575 10926 AAAACAGC A UAUUGACA 3440 TGTCAATA GGCTAGCTACAACGA GCTGTTTT 20576 10934 AUAUUGAC A CCUGGGAU 3441 ATCCCAGG GGCTAGCTACAACGA GTCAATAT 20577			 	<u> </u>	20569
10759 AACGCCCC A CGCGGCCC 3405 GGGCCGCG GGCTAGCTACAACGA GGGGCGTT 20571 10838 UAAAGUGC A CGGCCCAG 3418 CTGGGCCG GGCTAGCTACAACGA GCACTTTA 20572 10903 CCCGUGCC A CAAAACAC 3432 GTGTTTTG GGCTAGCTACAACGA GGCACGGG 20573 10910 CACAAAAC A CCACAACA 3434 TGTTGTGG GGCTAGCTACAACGA GTTTTGTG 20574 10913 AAAACACC A CAACAAAA 3436 TTTTGTTG GGCTAGCTACAACGA GGTGTTTT 20575 10926 AAAACAGC A UAUUGACA 3440 TGTCAATA GGCTAGCTACAACGA GCTGTTTT 20576 10934 AUAUUGAC A CCUGGGAU 3441 ATCCCAGG GGCTAGCTACAACGA GTCAATAT 20577	——				20570
10838UAAAGUGC A CGGCCCAG3418CTGGGCCG GGCTAGCTACAACGA GCACTTTA2057210903CCCGUGCC A CAAAACAC3432GTGTTTTG GGCTAGCTACAACGA GGCACGGG2057310910CACAAAAC A CCACAACA3434TGTTGTGG GGCTAGCTACAACGA GTTTTGTG2057410913AAAACACC A CAACAAAA3436TTTTGTTG GGCTAGCTACAACGA GGTGTTTT2057510926AAAACAGC A UAUUGACA3440TGTCAATA GGCTAGCTACAACGA GCTGTTTT2057610934AUAUUGAC A CCUGGGAU3441ATCCCAGG GGCTAGCTACAACGA GTCAATAT20577					
10903CCCGUGCC A CAAAACAC3432GTGTTTTG GGCTAGCTACAACGA GGCACGGG2057310910CACAAAAC A CCACAACA3434TGTTGTGG GGCTAGCTACAACGA GTTTTGTG2057410913AAAACACC A CAACAAAA3436TTTTGTTG GGCTAGCTACAACGA GGTGTTTT2057510926AAAACAGC A UAUUGACA3440TGTCAATA GGCTAGCTACAACGA GCTGTTTT2057610934AUAUUGAC A CCUGGGAU3441ATCCCAGG GGCTAGCTACAACGA GTCAATAT20577					 -
10910CACAAAACA CCACAACA3434TGTTGTGGGGCTAGCTACAACGAGTTTTGTG2057410913AAAACACCA CAACAAAA3436TTTTGTTGGGCTAGCTACAACGAGGTGTTTT2057510926AAAACAGCA UAUUGACA3440TGTCAATAGGCTAGCTACAACGAGCTGTTTT2057610934AUAUUGACA CCUGGGAU3441ATCCCAGGGGCTAGCTACAACGAGTCAATAT20577					+
10913AAAACACC A CAACAAAA3436TTTTGTTG GGCTAGCTACAACGA GGTGTTT2057510926AAAACAGC A UAUUGACA3440TGTCAATA GGCTAGCTACAACGA GCTGTTTT2057610934AUAUUGAC A CCUGGGAU3441ATCCCAGG GGCTAGCTACAACGA GTCAATAT20577	-			<u> </u>	+
10926 AAAACAGC A UAUUGACA 3440 TGTCAATA GGCTAGCTACAACGA GCTGTTTT 20576 10934 AUAUUGAC A CCUGGGAU 3441 ATCCCAGG GGCTAGCTACAACGA GTCAATAT 20577				<u> </u>	+
10934 AUAUUGAC A CCUGGGAU 3441 ATCCCAGG GGCTAGCTACAACGA GTCAATAT 20577	-			<u> </u>	+
					+
10967 UGCUCUGC A CAACCAGC 3449 GCTGGTTG GGCTAGCTACAACGA GCAGAGCA 20578	—				+
	10967	UGCUCUGC A CAACCAGC	3449	GCTGGTTG GGCTAGCTACAACGA GCAGAGCA	20578

Table VI				
10977	AACCAGCC A CACGGCAC	3454	GTGCCGTG GGCTAGCTACAACGA GGCTGGTT	20579
10979	CCAGCCAC A CGGCACAG	3455	CTGTGCCG GGCTAGCTACAACGA GTGGCTGG	20580
10984	CACACGGC A CAGUGCGC	3456	GCGCACTG GGCTAGCTACAACGA GCCGTGTG	20581
11021	GCGAGAAC A CAGGAUCU	3461	AGATCCTG GGCTAGCTACAACGA GTTCTCGC	20582
9	AGUAGUUC G CCUGUGUG	3462	CACACAGG GGCTAGCTACAACGA GAACTACT	20583
13	GUUCGCCU G UGUGAGCU	3463	AGCTCACA GGCTAGCTACAACGA AGGCGAAC	20584
15	UCGCCUGU G UGAGCUGA	3464	TCAGCTCA GGCTAGCTACAACGA ACAGGCGA	20585
19	CUGUGUGA G CUGACAAA	3465	TTTGTCAG GGCTAGCTACAACGA TCACACAG	20586
32	CAAACUUA G UAGUGUUU	3466	AAACACTA GGCTAGCTACAACGA TAAGTTTG	20587
35	ACUUAGUA G UGUUUGUG	3467	CACAAACA GGCTAGCTACAACGA TACTAAGT	20588
37	UUAGUAGU G UUUGUGAG	3468	CTCACAAA GGCTAGCTACAACGA ACTACTAA	20589
41	UAGUGUUU G UGAGGAUU	3469	AATCCTCA GGCTAGCTACAACGA AAACACTA	20590
66	UUAACACA G UGCGAGCU	3470	AGCTCGCA GGCTAGCTACAACGA TGTGTTAA	20591
68	AACACAGU G CGAGCUGU	3471	ACAGCTCG GGCTAGCTACAACGA ACTGTGTT	20592
72	CAGUGCGA G CUGUUUCU	3472	AGAAACAG GGCTAGCTACAACGA TCGCACTG	20593
75	UGCGAGCU G UUUCUUAG	3473	CTAAGAAA GGCTAGCTACAACGA AGCTCGCA	20594
83	GUUUCUUA G CACGAAGA	3474	TCTTCGTG GGCTAGCTACAACGA TAAGAAAC	20595
99	AUCUCGAU G UCUAAGAA	3475	TTCTTAGA GGCTAGCTACAACGA ATCGAGAT	20596
117	CCAGGAGG G CCCGGCAA	3476	TTGCCGGG GGCTAGCTACAACGA CCTCCTGG	20597
122	AGGGCCCG G CAAGAGCC	3477	GGCTCTTG GGCTAGCTACAACGA CGGGCCCT	20598
128	CGGCAAGA G CCGGGCUG	3478	CAGCCCGG GGCTAGCTACAACGA TCTTGCCG	20599
133	AGAGCCGG G CUGUCAAU	3479	ATTGACAG GGCTAGCTACAACGA CCGGCTCT	20600
136	GCCGGGCU G UCAAUAUG	3480	CATATTGA GGCTAGCTACAACGA AGCCCGGC	20601
144	GUCAAUAU G CUAAAACG	3481	CGTTTTAG GGCTAGCTACAACGA ATATTGAC	20602
152	GCUAAAAC G CGGAAUGC	3482	GCATTCCG GGCTAGCTACAACGA GTTTTAGC	20603
159	CGCGGAAU G CCCCGCGU	3483	ACGCGGG GGCTAGCTACAACGA ATTCCGCG	20604
164	AAUGCCCC G CGUGUUGU	3484	ACAACACG GGCTAGCTACAACGA GGGGCATT	20605
166	UGCCCCGC G UGUUGUCC	3485	GGACAACA GGCTAGCTACAACGA GCGGGGCA	20606
168	CCCCGCGU G UUGUCCUU	3486	AAGGACAA GGCTAGCTACAACGA ACGCGGGG	20607
171	CGCGUGUU G UCCUUGAU	3487	ATCAAGGA GGCTAGCTACAACGA AACACGCG	20608
193	UGAAGAGG G CUAUGUUG	3488	CAACATAG GGCTAGCTACAACGA CCTCTTCA	20609
198	AGGGCUAU G UUGAGCCU	3489	AGGCTCAA GGCTAGCTACAACGA ATAGCCCT	20610
203	UAUGUUGA G CCUGAUCG	3490	CGATCAGG GGCTAGCTACAACGA TCAACATA	20611
215	GAUCGACG G CAAGGGGC	3491	GCCCCTTG GGCTAGCTACAACGA CGTCGATC	20612
222	GGCAAGGG G CCAAUACG	3492	CGTATTGG GGCTAGCTACAACGA CCCTTGCC	20613
235	UACGAUUU G UGUUGGCU	3493	AGCCAACA GGCTAGCTACAACGA AAATCGTA	20614
237	CGAUUUGU G UUGGCUCU	3494	AGAGCCAA GGCTAGCTACAACGA ACAAATCG	20615
241	UUGUGUUG G CUCUCUUG	3495	CAAGAGAG GGCTAGCTACAACGA CAACACAA	20616
250	CUCUCUUG G CGUUCUUC	3496	GAAGAACG GGCTAGCTACAACGA CAAGAGAG	20617
252	CUCUUGGC G UUCUUCAG	3497	CTGAAGAA GGCTAGCTACAACGA GCCAAGAG	20618
261	UUCUUCAG G UUCACAGC	3498	GCTGTGAA GGCTAGCTACAACGA CTGAAGAA	20619
268	GGUUCACA G CAAUUGCU	3499	AGCAATTG GGCTAGCTACAACGA TGTGAACC	20620
274	CAGCAAUU G CUCCGACC	3500	GGTCGGAG GGCTAGCTACAACGA AATTGCTG	20621
286	CGACCCGA G CAGUGCUG	3501	CAGCACTG GGCTAGCTACAACGA TCGGGTCG	20622
289	CCCGAGCA G UGCUGGAU	3502	ATCCAGCA GGCTAGCTACAACGA TGCTCGGG	20623
291	CGAGCAGU G CUGGAUCG	3503	CGATCCAG GGCTAGCTACAACGA ACTGCTCG	20624
308	AUGGAGAG G UGUGAACA	3504	TGTTCACA GGCTAGCTACAACGA CTCTCCAT	20625
310	GGAGAGGU G UGAACAAA	3505	TTTGTTCA GGCTAGCTACAACGA ACCTCTCC	20626
325	AACAAACA G CGAUGAAA	3506	TTTCATCG GGCTAGCTACAACGA TGTTTGTT	20627
344	CCUUCUGA G UUUUAAGA	3507	TCTTAAAA GGCTAGCTACAACGA TCAGAAGG	20628
374	CUUGACCA G UGCUAUCA	3508	TGATAGCA GGCTAGCTACAACGA TGGTCAAG	20629
376	UGACCAGU G CUAUCAAU	3509	ATTGATAG GGCTAGCTACAACGA ACTGGTCA	20630
387	AUCAAUCG G CGGAGCUC	3510	GAGCTCCG GGCTAGCTACAACGA CGATTGAT	20631
392	UCGGCGGA G CUCAAAAC	3511	GTTTTGAG GGCTAGCTACAACGA TCCGCCGA	20632
430	CCGGAAUU G CAGUCAUG	3512	CATGACTG GGCTAGCTACAACGA AATTCCGG	20633
433	GAAUUGCA G UCAUGAUU	3513	AATCATGA GGCTAGCTACAACGA TGCAATTC	20634
443	CAUGAUUG G CCUGAUCG	3514	CGATCAGG GGCTAGCTACAACGA CAATCATG	20635
451	GCCUGAUC G CCAGCGUA	3515	TACGCTGG GGCTAGCTACAACGA GATCAGGC	20636
455	GAUCGCCA G CGUAGGAG	3516	CTCCTACG GGCTAGCTACAACGA TGGCGATC	20637
457	UCGCCAGC G UAGGAGCA	3517	TGCTCCTA GGCTAGCTACAACGA GCTGGCGA	20638
463	GCGUAGGA G CAGUUACC	3518	GGTAACTG GGCTAGCTACAACGA TCCTACGC	20639
466	UAGGAGCA G UUACCCUC	3519	GAGGGTAA GGCTAGCTACAACGA TGCTCCTA	20640
				

493	AAGGGAAG G UGAUGAUG	3520	CATCATCA GGCTAGCTACAACGA CTTCCCTT	20641
505	UGAUGACG G UAAAUGCU	3521	AGCATTTA GGCTAGCTACAACGA CGTCATCA	20642
511	CGGUAAAU G CUACUGAC	3522	GTCAGTAG GGCTAGCTACAACGA ATTTACCG	20643
520	CUACUGAC G UCACAGAU	3523	ATCTGTGA GGCTAGCTACAACGA GTCAGTAG	20644
529	UCACAGAU G UCAUCACG	3524	CGTGATGA GGCTAGCTACAACGA ATCTGTGA	20645
547	UUCCAACA G CUGCUGGA	3525	TCCAGCAG GGCTAGCTACAACGA TGTTGGAA	20646
550	CAACAGCU G CUGGAAAG	3526	CTTTCCAG GGCTAGCTACAACGA AGCTGTTG	20647
566	GAACCUAU G CAUUGUCA	3527	TGACAATG GGCTAGCTACAACGA ATAGGTTC	20648
571	UAUGCAUU G UCAGAGCA	3528	TGCTCTGA GGCTAGCTACAACGA AATGCATA	20649
577	UUGUCAGA G CAAUGGAU	3529	ATCCATTG GGCTAGCTACAACGA TCTGACAA	20650
586	CAAUGGAU G UGGGAUAC	3530	GTATCCCA GGCTAGCTACAACGA ATCCATTG	20651
597	GGAUACAU G UGCGAUGA	3531	TCATCGCA GGCTAGCTACAACGA ATGTATCC	20652
	AUACAUGU G CGAUGAUA	3532	TATCATCG GGCTAGCTACAACGA ACATGTAT	20653
599	UUAUGAAU G CCCAGUGC	3532	GCACTGGG GGCTAGCTACAACGA ACATGTAT	20654
623		3534	CGACAGCA GGCTACCTACAACGA TICATAA	20655
628	AAUGCCCA G UGCUGUCG		GCCGACAG GGCTAGCTACAACGA ACTGGGCA	20656
630	UGCCCAGU G CUGUCGGC	3535		
633	CCAGUGCU G UCGGCUGG	3536	CCAGCCGA GGCTAGCTACAACGA AGCACTGG	20657
637	UGCUGUCG G CUGGUAAU	3537	ATTACCAG GGCTAGCTACAACGA CGACAGCA	20658
641	GUCGGCUG G UAAUGAUC	3538	GATCATTA GGCTAGCTACAACGA CAGCCGAC	20659
665	CAUCGACU G UUGGUGCA	3539	TGCACCAA GGCTAGCTACAACGA AGTCGATG	20660
669	GACUGUUG G UGCACAAA	3540	TTTGTGCA GGCTAGCTACAACGA CAACAGTC	20661
671	CUGUUGGU G CACAAAGU	3541	ACTITIGIG GGCTAGCTACAACGA ACCAACAG	20662
678	UGCACAAA G UCAGCAGU	3542	ACTGCTGA GGCTAGCTACAACGA TTTGTGCA	20663
682	CAAAGUCA G CAGUCUAC	3543	GTAGACTG GGCTAGCTACAACGA TGACTTTG	20664
685	AGUCAGCA G UCUACGUC	3544	GACGTAGA GGCTAGCTACAACGA TGCTGACT	20665
691	CAGUCUAC G UCAGGUAU	3545	ATACCTGA GGCTAGCTACAACGA GTAGACTG	20666
696	UACGUCAG G UAUGGAAG	3546	CTTCCATA GGCTAGCTACAACGA CTGACGTA	20667
707	UGGAAGAU G CACCAAGA	3547	TCTTGGTG GGCTAGCTACAACGA ATCTTCCA	20668
719	CAAGACAC G CCACUCAA	3548	TTGAGTGG GGCTAGCTACAACGA GTGTCTTG	20669
731	CUCAAGAC G CAGUCGGA	3549	TCCGACTG GGCTAGCTACAACGA GTCTTGAG	20670
734	AAGACGCA G UCGGAGGU	3550	ACCTCCGA GGCTAGCTACAACGA TGCGTCTT	20671
741	AGUCGGAG G UCACUGAC	3551	GTCAGTGA GGCTAGCTACAACGA CTCCGACT	20672
751	CACUGACA G UGCAGACA	3552	TGTCTGCA GGCTAGCTACAACGA TGTCAGTG	20673
753	CUGACAGU G CAGACACA	3553	TGTGTCTG GGCTAGCTACAACGA ACTGTCAG	20674
770	CGGAGAAA G CACUCUAG	3554	CTAGAGTG GGCTAGCTACAACGA TTTCTCCG	20675
778	GCACUCUA G CGAACAAG	3555	CTTGTTCG GGCTAGCTACAACGA TAGAGTGC	20676
793	AGAAGGGG G CUUGGAUG	3556	CATCCAAG GGCTAGCTACAACGA CCCCTTCT	20677
806	GAUGGACA G CACCAAGG	3557	CCTTGGTG GGCTAGCTACAACGA TGTCCATC	20678
814	GCACCAAG G CCACAAGG	3558	CCTTGTGG GGCTAGCTACAACGA CTTGGTGC	20679
822	GCCACAAG G UAUUUGGU	3559	ACCAAATA GGCTAGCTACAACGA CTTGTGGC	20680
829	GGUAUUUG G UAAAAACA	3560	TGTTTTTA GGCTAGCTACAACGA CAAATACC	20681
868	CUGGAUAU G CCCUGGUG	3561	CACCAGGG GGCTAGCTACAACGA ATATCCAG	20682
874	AUGCCCUG G UGGCAGCC	3562	GGCTGCCA GGCTAGCTACAACGA CAGGGCAT	20683
877	CCCUGGUG G CAGCCGUC	3563	GACGGCTG GGCTAGCTACAACGA CACCAGGG	20684
880	UGGUGGCA G CCGUCAUU	3564	AATGACGG GGCTAGCTACAACGA TGCCACCA	20685
883	UGGCAGCC G UCAUUGGU	3565	ACCAATGA GGCTAGCTACAACGA GGCTGCCA	20686
890	CGUCAUUG G UUGGAUGC	3566	GCATCCAA GGCTAGCTACAACGA CAATGACG	20687
897	GGUUGGAU G CUUGGGAG	3567	CTCCCAAG GGCTAGCTACAACGA ATCCAACC	20688
905	GCUUGGGA G CAACACCA	3568	TGGTGTTG GGCTAGCTACAACGA TCCCAAGC	20689
915	AACACCAU G CAGAGAGU	3569	ACTCTCTG GGCTAGCTACAACGA ATGGTGTT	20690
922	UGCAGAGA G UUGUGUUU	3570	AAACACAA GGCTAGCTACAACGA TCTCTGCA	20691
925	AGAGAGUU G UGUUUGUC	3571	GACAAACA GGCTAGCTACAACGA AACTCTCT	20692
927	AGAGUUGU G UUUGUCGU	3572	ACGACAAA GGCTAGCTACAACGA ACAACTCT	20693
931	UUGUGUUU G UCGUGCUA	3573	TAGCACGA GGCTAGCTACAACGA AAACACAA	20694
934	UGUUUGUC G UGCUAUUG	3574	CAATAGCA GGCTAGCTACAACGA GACAAACA	20695
936	UUUGUCGU G CUAUUGCU	3575	AGCAATAG GGCTAGCTACAACGA ACGACAAA	20696
942	GUGCUAUU G CUUUUGGU	3576	ACCAAAAG GGCTAGCTACAACGA AATAGCAC	20697
949	UGCUUUUG G UGGCCCCA	3577	TGGGGCCA GGCTAGCTACAACGA CAAAAGCA	20698
952	UUUUGGUG G CCCCAGCU	3578	AGCTGGGG GGCTAGCTACAACGA CACCAAAA	20699
958	UGGCCCCA G CUUACAGC	3579	GCTGTAAG GGCTAGCTACAACGA TGGGGCCA	20700
965	AGCUUACA G CUUCAACU	3580	AGTTGAAG GGCTAGCTACAACGA TGTAAGCT	20701
974	CUUCAACU G CCUUGGAA	3581	TTCCAAGG GGCTAGCTACAACGA AGTTGAAG	20702

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		2500	CTCTCTTC CCCTXCCTXCXXXXXXXXXXXXXXXXXXXX	00000
986	UGGAAUGA G CAACAGAG	3582	CTCTGTTG GGCTAGCTACAACGA TCATTCCA	20703
1009	UGGAAGGA G UGUCUGGA	3583	TCCAGACA GGCTAGCTACAACGA TCCTTCCA	20704
1011	GAAGGAGU G UCUGGAGC	3584	GCTCCAGA GGCTAGCTACAACGA ACTCCTTC	20705
1018	UGUCUGGA G CAACAUGG	3585	CCATGTTG GGCTAGCTACAACGA TCCAGACA	20706
1027	CAACAUGG G UGGAUUUG	3586	CAAATCCA GGCTAGCTACAACGA CCATGTTG	20707
1036	UGGAUUUG G UUCUCGAA	3587	TTCGAGAA GGCTAGCTACAACGA CAAATCCA	20708
1046	UCUCGAAG G CGACAGCU	3588	AGCTGTCG GGCTAGCTACAACGA CTTCGAGA	20709
1052	AGGCGACA G CUGCGUGA	3589	TCACGCAG GGCTAGCTACAACGA TGTCGCCT	20710
1055	CGACAGCU G CGUGACUA	3590	TAGTCACG GGCTAGCTACAACGA AGCTGTCG	20711
1057	ACAGCUGC G UGACUAUC	3591	GATAGTCA GGCTAGCTACAACGA GCAGCTGT	20712
1068	ACUAUCAU G UCUAAGGA	3592	TCCTTAGA GGCTAGCTACAACGA ATGATAGT	20713
1080	AAGGACAA G CCUACCAU	3593	ATGGTAGG GGCTAGCTACAACGA TTGTCCTT	20714
1093	CCAUCGAU G UGAAGAUG	3594	CATCTTCA GGCTAGCTACAACGA ATCGATGG	20715
1114	AUAUGGAG G CGGUCAAC	3595	GTTGACCG GGCTAGCTACAACGA CTCCATAT	20716
1117	UGGAGGCG G UCAACCUG	3596	CAGGTTGA GGCTAGCTACAACGA CGCCTCCA	20717
1126	UCAACCUG G CAGAGGUC	3597	GACCTCTG GGCTAGCTACAACGA CAGGTTGA	20718
1132	UGGCAGAG G UCCGCAGU	3598	ACTGCGGA GGCTAGCTACAACGA CTCTGCCA	20719
1136	AGAGGUCC G CAGUUAUU	3599	AATAACTG GGCTAGCTACAACGA GGACCTCT	20720
1139	GGUCCGCA G UUAUUGCU	3600	AGCAATAA GGCTAGCTACAACGA TGCGGACC	20721
1145	CAGUUAUU G CUAUUUGG	3601	CCAAATAG GGCTAGCTACAACGA AATAACTG	20722
1153	GCUAUUUG G CUACCGUC	3602	GACGGTAG GGCTAGCTACAACGA CAAATAGC	20723
1159	UGGCUACC G UCAGCGAU	3603	ATCGCTGA GGCTAGCTACAACGA GGTAGCCA	20724
1163	UACCGUCA G CGAUCUCU	3604	AGAGATCG GGCTAGCTACAACGA TGACGGTA	20725
1180	CCACCAAA G CUGCGUGC	3605	GCACGCAG GGCTAGCTACAACGA TTTGGTGG	20726
1183	CCAAAGCU G CGUGCCCG	3606	CGGGCACG GGCTAGCTACAACGA AGCTTTGG	20727
1185	AAAGCUGC G UGCCCGAC	3607	GTCGGGCA GGCTAGCTACAACGA GCAGCTTT	20728
1187	AGCUGCGU G CCCGACCA	3608	TGGTCGGG GGCTAGCTACAACGA ACGCAGCT	20729
1204	UGGGAGAA G CUCACAAU	3609	ATTGTGAG GGCTAGCTACAACGA TTCTCCCA	20730
1220	UGACAAAC G UGCUGACC	3610	GGTCAGCA GGCTAGCTACAACGA GTTTGTCA	20731
1222	ACAAACGU G CUGACCCA	3611	TGGGTCAG GGCTAGCTACAACGA ACGTTTGT	20732
1231	CUGACCCA G CUUUUGUG	3612	CACAAAAG GGCTAGCTACAACGA TGGGTCAG	20733
1237	CAGCUUUU G UGUGCAGA	3613	TCTGCACA GGCTAGCTACAACGA AAAAGCTG	20734
1239	GCUUUUGU G UGCAGACA	3614	TGTCTGCA GGCTAGCTACAACGA ACAAAAGC	20735
1241	UUUUGUGU G CAGACAAG	3615	CTTGTCTG GGCTAGCTACAACGA ACACAAAA	20736
1252	GACAAGGA G UGGUGGAC	3616	GTCCACCA GGCTAGCTACAACGA TCCTTGTC	20737
1255	AAGGAGUG G UGGACAGG	3617	CCTGTCCA GGCTAGCTACAACGA CACTCCTT	20738
1265	GGACAGGG G CUGGGGCA	3618	TGCCCCAG GGCTAGCTACAACGA CCCTGTCC	20739
1271	GGGCUGGG G CAACGGCU	3619	AGCCGTTG GGCTAGCTACAACGA CCCAGCCC	20740
1277	GGGCAACG G CUGCGGAU	3620	ATCCGCAG GGCTAGCTACAACGA CGTTGCCC	20741
1280	CAACGGCU G CGGAUUAU	3621	ATAATCCG GGCTAGCTACAACGA AGCCGTTG	20742
1292	AUUAUUUG G CAAAGGAA	3622	TTCCTTTG GGCTAGCTACAACGA CAAATAAT	20743
1301	CAAAGGAA G CAUUGACA	3623	TGTCAATG GGCTAGCTACAACGA TTCCTTTG	20744
1313	UGACACAU G CGCCAAAU			
1315	ACACAUGC G CCAAAUUU	3624 3625	ATTTGGCG GGCTAGCTACAACGA ATGTGTCA AAATTTGG GGCTAGCTACAACGA GCATGTGT	20745
1324	CCAAAUUU G CCUGCUCU			20746
1324		3626	AGAGCAGG GGCTAGCTACAACGA AGATTTGG	20747
1	AUUUGCCU G CUCUACCA	3627	TGGTAGAG GGCTAGCTACAACGA AGGCAAAT	20748
1339	CUACCAAG G CAAUAGGA	3628	TCCTATTG GGCTAGCTACAACGA CTTGGTAG	20749
1374	AAUAUCAA G UACGAAGU	3629	ACTTCGTA GGCTAGCTACAACGA TTGATATT	20750
1381	AGUACGAA G UGGCCAUU	3630	AATGGCCA GGCTAGCTACAACGA TTCGTACT	20751
1384	ACGAAGUG G CCAUUUUU	3631	AAAAATGG GGCTAGCTACAACGA CACTTCGT	20752
1393	CCAUUUUU G UCCAUGGA	3632	TCCATGGA GGCTAGCTACAACGA AAAAATGG	20753
1411	CAACUACU G UGGAGUCG	3633	CGACTCCA GGCTAGCTACAACGA AGTAGTTG	20754
1416	ACUGUGGA G UCGCACGG	3634	CCGTGCGA GGCTAGCTACAACGA TCCACAGT	20755
1419	GUGGAGUC G CACGGAAA	3635	TITCCGTG GGCTAGCTACAACGA GACTCCAC	20756
1441	CCACACAG G UUGGAGCC	3636	GGCTCCAA GGCTAGCTACAACGA CTGTGTGG	20757
1447	AGGUUGGA G CCACUCAG	3637	CTGAGTGG GGCTAGCTACAACGA TCCAACCT	20758
1456	CCACUCAG G CAGGGAGA	3638	TCTCCCTG GGCTAGCTACAACGA CTGAGTGG	20759
1469	GAGAUUCA G CAUCACUC	3639	GAGTGATG GGCTAGCTACAACGA TGAATCTC	20760
1480	UCACUCCU G CGGCGCCU	3640	AGGCGCCG GGCTAGCTACAACGA AGGAGTGA	20761
1483	CUCCUGCG G CGCCUUCA	3641	TGAAGGCG GGCTAGCTACAACGA CGCAGGAG	20762
1485	CCUGCGGC G CCUUCAUA	3642	TATGAAGG GGCTAGCTACAACGA GCCGCAGG	20763
1503	ACACUAAA G CUUGGAGA	3643	TCTCCAAG GGCTAGCTACAACGA TTTAGTGT	20764
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		18	able VI	
1522	AUGGAGAG G UGACAGUG	3644	CACTGTCA GGCTAGCTACAACGA CTCTCCAT	20765
1528	AGGUGACA G UGGACUGU	3645	ACAGTCCA GGCTAGCTACAACGA TGTCACCT	20766
1535	AGUGGACU G UGAACCAC	3646	GTGGTTCA GGCTAGCTACAACGA AGTCCACT	20767
1545	GAACCACG G UCAGGGAU	3647		20768
1564	ACACCAAU G CAUACUAC	3648		20769
1573	CAUACUAC G UGAUGACU	3649	AGTCATCA GGCTAGCTACAACGA GTAGTATG	20770
1582	UGAUGACU G UUGGAACA	3650	TGTTCCAA GGCTAGCTACAACGA AGTCATCA	20771
1596	ACAAAGAC G UUCUUGGU	3651	ACCAAGAA GGCTAGCTACAACGA GTCTTTGT	20772
1603	CGUUCUUG G UCCAUCGU	3652	ACGATGGA GGCTAGCTACAACGA CAAGAACG	20773
1610	GGUCCAUC G UGAGUGGU	3653	ACCACTCA GGCTAGCTACAACGA GATGGACC	20774
1614	CAUCGUGA G UGGUUCAU	3654	ATGAACCA GGCTAGCTACAACGA TCACGATG	20775
1617	CGUGAGUG G UUCAUGGA	3655	TCCATGAA GGCTAGCTACAACGA CACTCACG	20776
1643	CCCUUGGA G CAGUGCUG	3656	CAGCACTG GGCTAGCTACAACGA CACTCACG	20777
1646	UUGGAGCA G UGCUGGAA	3657	TTCCAGCA GGCTAGCTACAACGA TCCAAGGG	
	<u></u>			20778
1648	GGAGCAGU G CUGGAAGU	3658		20779
1655	UGCUGGAA G UACUGUGU	3659	ACACAGTA GGCTAGCTACAACGA TTCCAGCA	20780
1660	GAAGUACU G UGUGGAGG	3660	CCTCCACA GGCTAGCTACAACGA AGTACTTC	20781
1662	AGUACUGU G UGGAGGAA	3661	TTCCTCCA GGCTAGCTACAACGA ACAGTACT	20782
1680	AGAGAGAC G UUAAUGGA	3662	TCCATTAA GGCTAGCTACAACGA GTCTCTCT	20783
1689	UUAAUGGA G UUUGAGGA	3663		20784
1705	AACCACAC G CCACGAAG	3664	CTTCGTGG GGCTAGCTACAACGA GTGTGGTT	20785
1713	GCCACGAA G CAGUCUGU	3665	ACAGACTG GGCTACCAACGA TTCGTGGC	20786
1716	ACGAAGCA G UCUGUGAU	3666	ATCACAGA GGCTAGCTACAACGA TGCTTCGT	20787
1720	AGCAGUCU G UGAUAGCA	3667	TGCTATCA GGCTAGCTACAACGA AGACTGCT	20788
1726	CUGUGAUA G CAUUGGGC	3668	GCCCAATG GGCTAGCTACAACGA TATCACAG	20789
1733	AGCAUUGG G CUCACAAG	3669	CTTGTGAG GGCTAGCTACAACGA CCAATGCT	20790
1747	AAGAGGGA G CUCUGCAU	3670	ATGCAGAG GGCTAGCTACAACGA TCCCTCTT	20791
1752	GGAGCUCU G CAUCAAGC	3671	GCTTGATG GGCTAGCTACAACGA AGAGCTCC	20792
1759	UGCAUCAA G CUUUGGCU	3672	AGCCAAAG GGCTAGCTACAACGA TTGATGCA	20793
1765	AAGCUUUG G CUGGAGCC	3673	GGCTCCAG GGCTAGCTACAACGA CAAAGCTT	20794
1771	UGGCUGGA G CCAUUCCU	3674	AGGAATGG GGCTAGCTACAACGA TCCAGCCA	20795
1780	CCAUUCCU G UGGAAUUU	3675	AAATTCCA GGCTAGCTACAACGA AGGAATGG	20796
1793	AUUUUCAA G CAACACUG	3676	CAGTGTTG GGCTAGCTACAACGA TTGAAAAT	20797
1801	GCAACACU G UCAAGUUG	3677	CAACTTGA GGCTAGCTACAACGA AGTGTTGC	20798
1806	ACUGUCAA G UUGACGUC	3678	GACGTCAA GGCTAGCTACAACGA TTGACAGT	20799
1812	AAGUUGAC G UCGGGUCA	3679	TGACCCGA GGCTAGCTACAACGA GTCAACTT	20800
1817	GACGUCGG G UCAUUUGA	3680	TCAAATGA GGCTAGCTACAACGA CCGACGTC	20801
1827	CAUUUGAA G UGUAGAGU	3681	ACTCTACA GGCTAGCTACAACGA TTCAAATG	20802
1829	UUUGAAGU G UAGAGUGA	3682	TCACTCTA GGCTAGCTACAACGA ACTTCAAA	20803
1834	AGUGUAGA G UGAAGAUG	3683	CATCTTCA GGCTAGCTACAACGA TCTACACT	20804
1851	GAAAAAUU G CAGUUGAA	3684	TTCAACTG GGCTAGCTACAACGA AATTTTTC	20805
1854	AAAUUGCA G UUGAAGGG	3685		20806
1874	AACCUAUG G CGUCUGUU	3686	• · · · · · · · · · · · · · · · · · · ·	20807
1876	CCUAUGGC G UCUGUUCA	3687	TGAACAGA GGCTAGCTACAACGA GCCATAGG	20808
1880	UGGCGUCU G UUCAAAGG	3688	CCTTTGAA GGCTAGCTACAACGA AGACGCCA	20809
1888	GUUCAAAG G CUUUCAAG	3689	CTTGAAAG GGCTAGCTACAACGA CTTTGAAC	20810
1896	GCUUUCAA G UUUCUUGG	3690	CCAAGAAA GGCTAGCTACAACGA TTGAAAGC	20811
1912	GGACUCCC G CAGACACA	3691	TGTGTCTG GGCTAGCTACAACGA GGGAGTCC	20812
1922	AGACACAG G UCACGGCA	3692	TGCCGTGA GGCTAGCTACAACGA CTGTGTCT	20813
1928	AGGUCACG G CACUGUGG	3693	CCACAGTG GGCTAGCTACAACGA CGTGACCT	20814
1933	ACGGCACU G UGGUGUUG	3694	CAACACCA GGCTAGCTACAACGA AGTGCCGT	20815
1936	GCACUGUG G UGUUGGAA	3695	TTCCAACA GGCTAGCTACAACGA CACAGTGC	20816
1938	ACUGUGGU G UUGGAAUU	3696	AATTCCAA GGCTAGCTACAACGA ACCACAGT	20817
1947	UUGGAAUU G CAGUACAC	3697	GTGTACTG GGCTAGCTACAACGA AATTCCAA	20818
1950	GAAUUGCA G UACACUGG	3698	CCAGTGTA GGCTAGCTACAACGA TGCAATTC	20819
1958	GUACACUG G CACGGAUG	3699	CATCCGTG GGCTAGCTACAACGA CAGTGTAC	20820
1973	UGGACCUU G CAAAGUUC	3700	GAACTTTG GGCTAGCTACAACGA AAGGTCCA	20821
1978	CUUGCAAA G UUCCUAUC	3701	GATAGGAA GGCTAGCTACAACGA TTTGCAAG	20822
1989	CCUAUCUC G UCAGUGGC	3702	GCCACTGA GGCTAGCTACAACGA GAGATAGG	20823
1993	UCUCGUCA G UGGCUUCA	3703	TGAAGCCA GGCTAGCTACAACGA TGACGAGA	20824
1996	CGUCAGUG G CUUCAUUG	3704	CAATGAAG GGCTAGCTACAACGA CACTGACG	20825
2016	GACCUAAC G CCAGUGGG	3705	CCCACTGG GGCTAGCTACAACGA GTTAGGTC	20826

2384 GUGGAUGG G CAUCAAUG 3748 CATTGATG GGCTAGCTACAACGA CCATCCAC 20869 2392 GCAUCAAU G CUCGUGAU 3749 ATCACGAG GGCTAGCTACAACGA ATTGATGC 20870 2396 CAAUGCUC G UGAUAGGU 3750 ACCTATCA GGCTAGCTACAACGA GAGCATTG 20871 2403 CGUGAUAG G UCCAUAGC 3751 GCTATGGA GGCTAGCTACAACGA CTATCACG 20872 2410 GGUCCAUA G CUCUCACG 3752 CGTGAGAG GGCTAGCTACAACGA TATGGACC 20873 2418 GCUCUCAC G UUUCUCGC 3753 GCGAGAAA GGCTAGCTACAACGA GTGAGAGC 20874 2425 CGUUUCUC G CAGUUGGA 3754 TCCAACTG GGCTAGCTACAACGA GAGAAACG 20875 2428 UUCUCGCA G UUGGAGGA 3755 TCCTCCAA GGCTAGCTACAACGA TGCGAGAA 20876 2437 UUGGAGGA G UUCUGCU 3756 GAGCAGAA GGCTAGCTACAACGA TCCTCCAA 20877 2442 GGAGUUCU G CUCUUCCU 3757 AGGAAGAG GGCTAGCTACAACGA AGAACTCC 20878 2455 UCCUCUCC G UGAACGU 3758 CACGTTCA GGCTAGCTACAACGA GTTCACGG 20880 2461 CCGUGAAC G UGCACGU 3759 AGCGTGCTACAACGA ACGTTCACACGA AC			Ta	able VI	-
1932 GCRARITIDE & UCRCUSTUC 3798 GRACATICA GCTAGCTACANCIA CANTETICE 28829 28939 28931	2020	UAACGCCA G UGGGCAGA	3706	TCTGCCCA GGCTAGCTACAACGA TGGCGTTA	20827
2038 UGGUCACU G UCAACCCU 3799 AGGSTTAG SCCTAGCTACAACQA ATGACCA 20830 20505 ACCCUUUU G UUUCAGU 3710 CACTGAGA GGTGAGCTACAACQA AAAAGGGT 20831 2055 UUGUCAGU G UUCAGU 3711 CGTGGCA GGTGAGCTACAACQA AAAAGGGT 20831 2055 UUGUCAGU G CACAGGC 3711 CGTGGCA GGTGAGCTACAACQA AAAAGGT 20833 2055 UUGUCAGU G CACAGGC 3712 GGCCTAGCTGCACACQA CACTGACAACQA CACTGAGA	2024	GCCAGUGG G CAGAUUGG	3707	CCAATCTG GGCTAGCTACAACGA CCACTGGC	20828
2038 UGGUCACU G UCAACCCU 3799 AGGSTTAG SCCTAGCTACAACQA ATGACCA 20830 20505 ACCCUUUU G UUUCAGU 3710 CACTGAGA GGTGAGCTACAACQA AAAAGGGT 20831 2055 UUGUCAGU G UUCAGU 3711 CGTGGCA GGTGAGCTACAACQA AAAAGGGT 20831 2055 UUGUCAGU G CACAGGC 3711 CGTGGCA GGTGAGCTACAACQA AAAAGGT 20833 2055 UUGUCAGU G CACAGGC 3712 GGCCTAGCTGCACACQA CACTGACAACQA CACTGAGA		GCAGAUUG G UCACUGUC	3708	GAÇAGTGA GGCTAGCTACAACGA CAATCTGC	20829
2055			3709	AGGGTTGA GGCTAGCTACAACGA AGTGACCA	20830
1995			3710	CACTGAAA GGCTAGCTACAACGA AAAAGGGT	20831
1955			3711	CGTGGCCA GGCTAGCTACAACGA TGAAACAA	20832
1965 UGGCCACG G CCAAGGCU 3713 AGGSTTGG GGCTAGCTACACGA COTGGCCA 20815		UUUCAGUG G CCACGGCC	3712	GGCCGTGG GGCTAGCTACAACGA CACTGAAA	20833
2077					
2017	——				
2112			3715	AATCAGGA GGCTAGCTACAACGA CTTAGCGT	20836
1912 ACAUAGUG G UGGGCAGA 3718	 			GCCCACCA GGCTAGCTACAACGA TATGTATG	
1215 AGUGGUGG G CAGAGGAG 3718 CTCCTCTG GGCTAGCTACAAGGA CACGCACT 20819					
2163 UGGCACAA G UCUGAAA G STOTA STOTOCCA 20841 2171 GUCUGGAA G CAGCAUUG 3721 CAATGCT GGCTAGCTACAACGA TTCCAGAC 20842 2174 UGGAAGCA G CAUUGCCA 3722 TGCCAATG GGCTAGCTACAACGA TTCCAGAC 20843 2180 CACGAUUG G CAAAGCCU 3723 AGGCTTTG GGCTAGCTACAACGA CAATGCTG 20843 2185 UUGGCAAA G CCUUUACA 3724 AGGCTTTG GGCTAGCTACAACGA CAATGCTG 20844 2185 UUGGCAAA G CCUUUACA 3724 AGGCTTTG GGCTAGCTACAACGA CAATGCTG 20844 2185 UUGGCAAA G CCUUUACA 3724 AGGACTTCG GGCTAGCTACACGA TCCTTTGA 20846 2291 UCAAAGGA G GCCAGACAU 3725 TCTCTGGG GGCTAGCTACAACGA TCCTTTGA 20846 2221 AAAGGACC G COGUUUAGA 3727 TAGGAGGG GGCTAGCTACAACGA CCTCTTT 20847 2224 GACUAGCC G CUUUAGGA 3728 TCCTCAAG GGCTAGCTACAACGA CGCTCCTTT 20849 2224 GACUAGCC G CUUUAGGA 3728 TCCTCAAG GGCTAGCTACAACGA TAGTCTC 20849 2225 GACACACA C GUUGGGAC 3729 GTCCCAAG GGCTAGCTACAACGA TAGTCCC 20853 2225 UUGGAGGG G UUUCACCU 3731 GGTGAACA GGCTAGCTACAACGA TAGTCCCA 20852 2226 UUGGAGGG G UUUCACCU 3732 GAGGTGAA GGCTAGCTACAACGA TAGTCCCA 20852 2227 UUGGAGGG G UUUCACCU 3732 GAGGTGAA GGCTAGCTACAACGA TAGTCCCA 20853 2228 UCACCUCA G UUGGAAGA 3733 CTCCCAA GGCTAGCTACAACGA TAGTCCCA 20853 2228 UCACCUCA G UUGGAAGA 3735 TTGTAGA GGCTAGCTACAACGA TAGTCCCA 20853 2229 UCACCUCA G UUGGAAGA 3735 TTGTAGA GGCTAGCTACAACGA TAGGCTCA 20853 2229 UCACCUCA G UUGGAAGA 3735 TTGTAGA GGCTAGCTACAACGA TCCCCA 20853 2229 UCACCUCA G UUGCAACA 3735 TTGTAGA GGCTAGCTACAACGA TCCCCA 20853 2229 UCACCUCA G UUGCAGA 3736 GCGGAATG GCCTAACCAA ACCTTCC 20854 2229 UCACCUCA GUUGCAA 3735 TTGTAGA GGCTAGCTACAACGA TCCTCCA 20855 2229 UCACCUCA GUUGCAA 3735 TTGTAGA GGCTAGCTACAACGA TCTCCCAA 20855 2229 UCACCUCA GUUGCAGA 3736 GCGGAATG GCCTAACCAACGA TCTCCCAA 20855 2230 CAUCAGAG GCTAGCAACGA ACCTGCC 20854 22314 UCGAGGGG CAUCACGG GCTAGCTACAACGA ACCTGCC 20854 22314 UUGGAAGG CAUCAGA 3744 CCCCCGGA GGCTAGCTACAACGA ACCTGCA 20854			3718	CTCCTCTG GGCTAGCTACAACGA CCACCACT	20839
2171	2157	CACCAUUG G CACAAGUC	3719	GACTTGTG GGCTAGCTACAACGA CAATGGTG	20840
1214	2163	UGGCACAA G UCUGGAAG	3720	CTTCCAGA GGCTAGCTACAACGA TTGTGCCA	20841
2180	2171	GUCUGGAA G CAGCAUUG	3721	CAATGCTG GGCTAGCTACAACGA TTCCAGAC	20842
2185 UUGGCAAA G CCUUUACA 3724 TGTAAAGG GGCTAGCTACAAGA TTTGCCAA 20845 2299 UCAAAGGA G CAGAGAGA 3725 TCTCTGGG GGCTAGCTACAACGA TCTCTTT 20847 2211 AAAGGAG G CAGAGACU 3726 AGTCTCTG GGCTAGCTACAACGA CTCTCTT 20847 2221 AAAAGGAG G CUCUAGGA 3727 TAGAGAGG GGCTAGCTACAACGA GTCTCTT 20848 2224 GACUAGCC G CUCUAGGA 3728 TCCTAGAG GGCTAGCTACAACGA TGTGTCT 20848 2225 GAGACACA G CUUCAGGA 3729 GTCCCAAG GGCTAGCTACAACGA TGTGTCT 20848 2226 TUGGAGGG G UUCACCC 3730 CCCTCCAA GGCTAGCTACAACGA TGTGTCT 20850 2226 TUGGAGGG G UUGACCC 3731 GGTGAACA GGCTAGCTACAACGA TGTGTCC 20851 2226 UUGGAGGG G UUCACCC 3732 GAGGGAA GGCTAGCTACAACGA TGTGTCC 20852 2226 UUGGAGGG G UUCACCC 3732 GAGGGAA GGCTAGCTACAACGA TGATCCAA 20851 2226 UUGGAGGG G UUCACCC 3732 GAGGGAA GGCTAGCTACAACGA TGAGCTCC 20853 2227 UUGGGAGG G UUCACCCC 3732 GAGGGGAA GGCTAGCTACAACGA TGAGGTACCACACGA CCCTCCA 22287 UUGGGAGG G UUCACCCC 3733 ATGGCAG GGCTAGCTACAACGA TGAGGTAC 20852 22299 UUGGGAGG G UCACUCAU 3734 ATGGCAG GGCTAGCTACAACGA TGAGGTAC 20852 22299 UUCAUCAA G UUUCGGAG 3735 TTGATGGA GGCTAGCTACAACGA ACCTTCC 20856 22391 UCAUCAA G UUUCGGAG 3736 TCCGAAC GGCTAGCTACAACGA ACCTTGCA 20855 23311 UUGGAGGG G UUCACUGU 3739 ACAGTGA GGCTAGCTACAACGA ACTTGATG 20858 23312 UUGGAGGG G CAUUCCCC 3738 GCGGAATG GGCTAGCTACAACGA ACTTGATG 20858 23313 GUUCGAGG G CAUUCCCC 3738 GCGGAATG GGCTAGCTACAACGA ACTTGATG 20859 2325 CGCUCACU G UUGGAGG 3740 CCTCCGAA GGCTAGCTACAACGA ACTTGATG 20859 2326 UUCACUGU 3739 ACAGTGAG GGCTAGCTACAACGA ACTTGATG 20859 2327 CGUCCACUG 3738 GCGGAATG GGCTAGCTACAACGA TCTCCCGA 20859 2328 UGGAGGAG G CAUGUCCU 3738 ACAGTGAG GGCTAGCTACAACGA TCTCCCGA 20859 2329 UGGAGGGG C CUCCUGU 3739 ACAGTGAG GGCTAGCTACAACGA TCTCCCGA 20859 2329 UGGAGGGG G CAUGUCCU 3740 ACCTGCGA GGCTAGCTACAACGA CTCCCCGAC 20851 2336 CAUGUCCU UUGGAGG 3740 CCTCCGGA GGCTAGCTACAACGA CTCCCCGAC 2085	2174	UGGAAGCA G CAUUGGCA	3722	TGCCAATG GGCTAGCTACAACGA TGCTTCCA	20843
2299	2180	CAGCAUUG G CAAAGCCU	3723	AGGCTTTG GGCTAGCTACAACGA CAATGCTG	20844
			3724	TGTAAAGG GGCTAGCTACAACGA TTTGCCAA	
2211 AAAGGAGC 6 CAGAGACU 3726 AGTCTCT GGCTAGCTACAACGA GCTCCTTT 20847 2221 AGAGACUA G COCUCUUA 3727 TAGAGGG GGCTAGCTACAACGA TAGGTAGCTACAACGA TAGGTAGCTACAACGA GGCTAGCTACAACGA GGCTAGCTACAACGA GGCTAGCTACAACGA GGCTAGCTACAACGA TAGTCCTACAAGGA CCCCCAA GGCTAGCTACAACGA TAGTCCTACAAGGA 20852 CCCCCCAA GGCTAGCTACAACGA TAGTCCTACAAGGA 20852 CCCCCCAA GGCTAGCTACAACGA CCCTCCAA 20852 2266 UUGGAGGG GUUCACCCC 3731 GGTGGAACAGAGGCTACAACGA ACCCCCCC 20852 2266 GGAGGGGU GUCACCCCA 3732 GGGTGGAAGGGTACAACGA ACCCCCCC 20852 2278 UCACCCCAA GUCACCCAA 3732 GGGTGGCTACAACGAAACGA ACCCCCCAA 20855 2298 UCACCCCAA GUCACCCAACAAACAAACAAACAAACAAACAAACAAACAA		 		TCTCTGCG GGCTAGCTACAACGA TCCTTTGA	
2221 AGAGACUA G CCGCUCUA 3727 TAGAGCG G GCTACAACGA TAGTCTCT 20848 2224 GACUAGCC G CUCUAGGA 3728 TCCTAGAG GGCTAGCTACAACGA GGCTAGTC 20849 2239 GAGACACA G CUUGGAGA 3729 GTCCCAGA GGCTAGCTACAACGA TGTGTCCA 20850 2257 UUGGAGGG G UUGUCACC 3731 GCCTCCAA GGCTAGCTACAACGA TGATCCAA 20852 2266 UUGGAGGG G UUGUCACC 3731 GGGGAGGG GGTAGCTACAACGA TGAGGTGA 20852 2266 GGAGGGGU G UUCACCU 3732 GAGGTAGCTACAACGA CCCCTCC 20853 2278 UCACCUCA G UUGGGAAG 3733 CTCCCCAA GGCTAGCTACAACGA ACCCCTCC 20852 2287 UUGGGAGG G CUGUCCAU 3734 ATGGACG GGCTAGCTACAACGA ACCCTTCC 20855 2299 UCCAUCAA G UUCGGAG 3735 TTGATGGA GGCTACAACGA ATGCTTCC 20856 2391 CAUCAAGU G UUCGGAG 3736 CCTCCGAA GGCTAGCTACAACGA ATGCTTGA 20859 2391 CAUCAAGU G UUCGGAG 3738 GCGGAACGCUCAACGACAA ATGCTTCACAACGA 20852 2311 UCGGAGGA G CAUCACGU 3748 GCGGAACGACAACGAA ATGCTCCCGA 20852	2211		3726	AGTCTCTG GGCTAGCTACAACGA GCTCCTTT	
2239 GAGACACA G CUUGGAC 3729 GTCCCAA GGCTAGCTACAACGA TGTGTCTC 20850 2257 UUGGAGGG G 00910 3731 GCGTAGCTACAACGA TGATCCAA 20951 2266 UUGGAGGG G UUGACCU 3731 GGTGAAAC GGCTAGCTACAACGA CCCTCCA 20852 2268 GGAGGGGU G UUCACCUC 3732 GAGGTGAA GGCTAGCTACAACGA CCCCTCC 20853 2278 UUGGGAAG G CUUCACUA 3734 ATGGACAG GGCTAGCTACAACGA TGAGGTACACAGA 20855 2299 UCCAUCAA 3735 TTGATGGA GGCTAGCTACAACGA AGCCTTCC 20856 2299 UCCAUCAA 3735 TTGATGGA GGCTAGCTACAACGA TTGATGGA 20857 2301 CAUCACAGU G UUCGGAGG 3737 CCTCCGAA GGCTAGCTACAACGA ACTTGATG 20857 2311 UCGAGAGGA G CUUCACUGU 3738 GCGGAATG GGCTAGCTACAACGA TCTCCCCA 20859 2318 AGCAUUCC G UUCGAGGG 3740 CCTCCGAA GGCTAGCTACAACGA TCTCCAACGA 20862 2337 GGAGCAU G UUCGAGGG 3741 ACTCACGA GGCTAGCTACAACGA ATTGCTCC 20863 <tr< td=""><td>2221</td><td>AGAGACUA G CCGCUCUA</td><td>3727</td><td>TAGAGCGG GGCTAGCTACAACGA TAGTCTCT</td><td>20848</td></tr<>	2221	AGAGACUA G CCGCUCUA	3727	TAGAGCGG GGCTAGCTACAACGA TAGTCTCT	20848
2257 UUGGAUCA G UUGGAGGG 3730 CCCTCCAA GGCTAGCTACAACGA TGATCCAA 20851 2266 UUGAGAGG G UUUCACC 3731 GGTGAACA GGCTAGCTACAACGA CCCTCCAA 20852 2268 GGAGGGGU G UUCACCU 3732 GAGGAGGA G UUCACGA 20853 2278 UCACCUCA G UUGGGAAG 3733 CTTCCCAA GGCTAGCTACAACGA TGAGGTGA 20854 2287 UUGAGGAG G CUGUCCAU 3734 ATGGACAG GGCTAGCTACAACGA TGAGGTGA 20855 2299 UCCAUCAA G UGUUCGGA 3735 TTCATAGGA GGCTAGCTACAACGA TGATGGA 20857 2301 CAUCAAGU G UUCCGC 3738 GCGGAATG GGCTTACAACGA ACTTGATG 20858 2311 UUCGAGGAG 3739 ACAGTGAG GGCTTACAACGA ACTTGATG 20858 2318 AGCAUUCC G CUCACUGU 3739 ACAGTGAG GGCTAGCTACAACGA ACTGGAAC 20859 2325 CGCUCACU G UUCGGAGG 3741 AGGACATGGAACACGA ACTGCAACGA 20860 2337 GAGGGCAU G UCCUGGAU 3741 AGGACATGGAACAGA ACTGCAACGA 20861 2337 GAGGGCAU G UCCUGGAU 3742 ATCCAGGA GGCTAGCTACAACGA ATGCCCCA	2224	GACUAGCC G CUCUAGGA	3728	TCCTAGAG GGCTAGCTACAACGA GGCTAGTC	20849
2266 UUGGAGGG G UGUUCACCU 3731 GGTGAACA GGCTAGCTACAACGA CCCTCCA 20852 2268 GAGAGGGU G UUCACCUC 3732 GAGGTGAA GGCTAGCTACAACGA ACCCCTCC 20853 2278 UUCACUCA G UUGGGAAG 3733 CTTCCCAA GGCTAGCTACAACGA ACCCCTCC 20853 2287 UUGGGAAG G UGUCAUCAA 3734 ATGGACAG GGCTAGCTACAACGA CTTCCCAA 20855 2299 GGAAGGCU G UCCAUCAA 3735 TCAGAACA GGCTAGCTACAACGA ACCTTCC 20856 2391 CAUCAAGU G UUCGGAGG 3737 CCTCCGAAAC GGCTAGCTACAACGA ACTTGATG 20858 2311 UOSGAGGA G AUUCCGC 3738 GCGGAATG GGCTAGCTACAACGA ACTTGATG 20859 2311 UOSGAGGA G CUUCCGU 3739 ACAGTTGACTACAACGA TCTCCCCA 20859 2312 CGCUCACU G UUCGGAGG 3740 CCTCCGAA GGCTAGCTACAACGA ATGGACTACAACGA ATGGACCACCACACACACACACACACACACACACACACAC	2239	GAGACACA G CUUGGGAC	3729	GTCCCAAG GGCTAGCTACAACGA TGTGTCTC	20850
2268 GGAGGGGU G UUCACCUC 3732 GAGGTGAA GGCTAGCTACAACGA ACCCCTC 20853 2278 UCACCUCA G UUGAGAAG 3733 CTTCCCAA GGCTAGCTACAACGA TAGAGTACA 20854 2287 UUGAGAAG GUGUCACAU 3734 ATGGACAG GGCTAGCTACAACGA 20856 2290 GGAAGGCU G UCCAUCAA 3735 TTGATGGA GGCTAGCTACAACGA AGCTTCC 20856 2299 UCCAUCAA GUGUGGG 3736 TCCGAACA GGCTAGCTACAACGA AGCTTGATACAACGA ACTTGATGA 20857 2301 CAUCAGU GUCGGAGG 3737 CCTCCGAA GGCTAGCTACACACGA ACTTGATG 20859 2311 UCGGAGGA GAUUCCG 3738 GCGGATAGCTACAACGA AGCTAGCTACACCAG 20852 2318 AGCAUCCU GUCAGGAG 3740 CCTCCGAA GGCTAGCTACAACGA AGGATGAC 2333 GUUCGGAG CAUGAUCU 3741 AGGACATG GGCTAGCTACAACGA ATGCCTCA 2333 GUUCGGAG CAUGAUU 3742 ATCCAGGA GGCTAGCTACAACGA ATGCTCC 20863 </td <td>2257</td> <td>UUGGAUCA G UUGGAGGG</td> <td>3730</td> <td>CCCTCCAA GGCTAGCTACAACGA TGATCCAA</td> <td>20851</td>	2257	UUGGAUCA G UUGGAGGG	3730	CCCTCCAA GGCTAGCTACAACGA TGATCCAA	20851
2278 UCACCUCA G UUGGGAAG 3733 CTTCCCAA GGCTAGCTACAACGA TGAGGTGA 20854 2287 UUGGGAAG G UGUCCAU 3734 ATGACAG GGCTAGCTACAACGA CTTCCCAA 20855 2290 GGAAGGU UCCAUCAA 3735 TTGATGGA GGCTAGCTACAACGA AGCTTCC 20856 2299 UCCAUCAA GUUCGGA 3736 TCCGAACA GGCTAGCTACAACGA ACTTGATGA 20857 2301 CAUCAAGU GUUCGGAG 3737 CCTCCGAA GGCTAGCTACAACGA ACTTGATG 20858 2311 UCGGAGGA 3739 ACAGTGAG GGCTAGCTACAACGA ACTTCCCA 20859 2316 AGCAUUCC 3738 GCGGATG GCTAGCTACAACGA ACTCCCA 20859 2325 CGCUCACU GUUCGGAG 3740 CCTCCGAA GGCTAGCTACAACGA ACTCCGAC 20860 2337 GGAGGAU GUCCGGAU 3742 ATCCAGA GGCTAGCTACAACGA ACTCCACA 20861 2337 GGAGGAU GUCCGGGC 3744 ACCACAG GGCTAGCTACAACGA ACTCCAC 20864 2358 UGGAUGAG CALGGAGAG GGCTAGCTACAACGA ACCATCCAC	2266	UUGGAGGG G UGUUCACC	3731	GGTGAACA GGCTAGCTACAACGA CCCTCCAA	20852
2287 UUGGGAAG G CUGUCCAU 3734 ATGGACAG GGCTACCTACAACGA CTTCCCAA 20855 2290 GGAAGGCU G UCCAUCAA 3735 TTGATGGA GGCTAGCTACAACGA AGCCTTCC 20856 2299 UCCAUCAA G UGUUCGGA 3736 TCCGAACA GGCTAGCTACAACGA ATCATGAA 20857 2301 CAUCAAGU G UUCGGAGG 3737 CCTCCGAA GGCTAGCTACAACGA ACTTGATG 20858 2311 UCGGAGGA G CAUUCCG 3738 GCGGAATG GGCTAGCTACAACGA TCCTCCGAA 20859 2318 AGCAUUCC G CUCACUGU 3739 ACAGTGAG GGCTAGCTACAACGA ATCGTCC 20860 2325 CGCUCACU G UUCGGAGG 3740 CCTCCGAA GGCTAGCTACAACGA ATGGACC 20861 2337 GGAGGCAU G UCCUGGAU 3741 AGGACATG GGCTAGCTACAACGA ATGGACCC 20862 2337 GGAGGAUU G UCCUGGAU 3742 ATCCAGGA GGCTAGCTACAACGA ATGCCTC 20863 2349 UGGAUDAC G CAAGGAUU 3743 AATCCTTG GGCTAGCTACAACGA ATCCCTC 20864 2358 CAAGGAUU G CUGGGGC 3744 GCCCCCAG GGCTAGCTACAACGA ATCCCTG 20864 2357 GCCUCCUU G UUGUGGAU 3746 ATCCACAA GGCTAGCTACAACGA ACAGGAC </td <td>2268</td> <td>GGAGGGGU G UUCACCUC</td> <td>3732</td> <td>GAGGTGAA GGCTAGCTACAACGA ACCCCTCC</td> <td>20853</td>	2268	GGAGGGGU G UUCACCUC	3732	GAGGTGAA GGCTAGCTACAACGA ACCCCTCC	20853
2290 GGAAGGCU G UCCAUCAA 3735 TTGATGGA GGCTAGCTACAACGA AGCCTTCC 20856 2299 UCCAUCAA G UGUUCGGA 3736 TCCGAACA GGCTAGCTACAACGA AGCTTAGTG 20857 2301 CAUCAAGU G UUCGGAG 3737 CCTCCGAA GGCTAGCTACAACGA ACTTGATG 20858 2311 UCGGAGG G CAUUCCGC 3738 GCGGAATG GGCTAGCTACAACGA CCTCCGAA 20859 2318 AGCAUUCC G UUCACUGU 3739 ACAGTGAG GGCTAGCTACAACGA CTCCCGAA 20862 2325 CGCUCACU G UUCGGAGG 3740 CCTCGAA GGCTAGCTACAACGA AGTGAGCG 20861 2333 GUUCGGAG G CAUGUCCU 3741 AGGACATG GGCTAGCTACAACGA ATGCCCC 20862 2337 GGAGGCAU G UCCUGGAU 3742 ATCCAGGA GGCTAGCTACAACGA ATGCCCC 20863 2349 UGGAUAG G CAAGGAUU 3743 AATCCTG GGCTAGCTACAACGA ATGCCTC 20865 2358 LGCUGGGG G CUCUCCU 3744 GCCCCCAG GGCTAGCTACAACGA ATCCTG 20865 2365 UGCUGGGG G CUUCCUG 3745 CAGGAGAG GGCTAGCTACAACGA ACGAACGA 20866 2376 CUCCUGUU G UGGAUGG 3747 CCCATCCA GGCTAGCTACAACGA ACGAACGA ACGACA	2278	UCACCUCA G UUGGGAAG	3733	CTTCCCAA GGCTAGCTACAACGA TGAGGTGA	20854
2299 UCCAUCAA G UGUUCGGA 3736 TCCGAACA GGCTACCAACGA TTGATGGA 20857 2301 CAUCAAGU G UUCGGAGG 3737 CCTCCGAA GGCTAGCTACAACGA TCTGATG 20858 2311 UCGGAGGA G CAUUCCGC 3738 GCGGAATG GGCTAGCTACAACGA TCCTCCGA 20859 2316 AGCAUUCC G CUCACUGU 3739 ACAGTGAG GGCTAGCTACAACGA GGAATGCT 20860 2325 CGCUCACU G UUCGGAGG 3740 CCTCCGAA GGCTAGCTACAACGA AGGAGGC 20861 2337 GUAGGAGU G UCUCGGAU 3741 AGACATG GGCTAGCTACAACGA ATGCCTCC 20862 2337 GGAGGAU G UCUCGGAU 3742 ATCCAGGA GGCTAGCTACAACGA ATGCCTCC 20863 2349 UGGAUAAC G CAAGGAUU 3743 AATCCTTG GGCTAGCTACAACGA ATGCATCCA 20864 2358 CAAGGAUU G CUGGGGGC 3744 GCCCCCAG GGCTAGCTACAACGA ATCCCTTG 20865 2365 UGCUGGGG C CUCUCUG 3745 CAGGAGAGG GGCTAGCTACAACGA ATCCATCAC 20867 2373 GCUCUCCU G UUGUGGAU 3746 ATCCACAA GGCTAGCTACAACGA ACGAGC 20867 2374 CUCCUGGGG G CUUCAAGA 3746 ATCCACCA GGCTAGCTACAACGA ACGAGACCC	2287	UUGGGAAG G CUGUCCAU	3734	ATGGACAG GGCTAGCTACAACGA CTTCCCAA	20855
2301 CAUCAAGU G UUCGGAGG 3737 CCTCCGAA GGCTAGCTACAACGA ACTTGATG 20859 2311 UCGGAGGA G CAUUCCGC 3738 GCGGAATG GGCTAGCTACAACGA TCCTCCGA 20859 2318 AGCAUUCC G CUCACUUGU 3739 ACAGTGAG GGCTAGCTACAACGA AGGATGCT 20860 2325 CGCUCACU G UUCGGAGG 3740 CCTCCGAA GGCTAGCTACAACGA AGTGAGCC 20861 2333 GUUCGGAG CAUGUCCU 3741 AGGACAG GGCTAGCTACAACGA CTCCGAAC 20862 2337 GGAGGCAU G UCCUGGU 3742 ATCCAGGA GGCTAGCTACAACGA CTCCTCC 20863 2349 UGGAUAAC G CAAGGAUU 3743 ATCCTTG GGCTAGCTACAACGA ATCCTTG 20864 2358 CAAGGAUU G CUGGGGC 3744 GCCCCCAG GGCTAGCTACAACGA ATCCTTG 20865 2365 UGCUGGGG G CUCUCCU 3745 CAGGAGAG GGCTAGCTACAACGA ACCCACACA 20866 2373 GCUCUCCU G UUGUGGAU 3746 ATCCACAA GGCTAGCTACAACGA ACCACACA 20867 2384 GUGGAUGG G CAUCAAUG 3747 CCCATCCA GGCTAGCTACAACGA ATCCAC 20869 2394 GCAUCAAU G CUCGUGA 3750 ACCTATCA GGCTAGCTACAAC	2290	GGAAGGCU G UCCAUCAA	3735	TTGATGGA GGCTAGCTACAACGA AGCCTTCC	20856
2311 UCGGAGGA G CAUUCCGC 3738 GCGGAATG GGCTAGCACAGA TCCTCCGA 20859 2318 AGCAUUCC G CUCACUGU 3739 ACAGTGAG GGCTAGCTACAACGA GGAATGCT 20860 2325 CGCUCACU G UUCGGAGG 3740 CCTCCGAA GGCTAGCTACAACGA AGTGAGCG 20861 2333 GUUCGGAG G CAUGUCU 3741 AGGACATG GGCTAGCTACAACGA ATGCTCC 20863 2349 UGGAGGAU G UCCUGGAU 3742 ATCCAGGA GGCTAGCTACAACGA ATGCTCC 20863 2358 CAAGGAUU G CUGGGGC 3744 GCCCCCAG GGCTAGCTACAACGA ATGCTTCCA 20864 2358 UGGUGGG G CUCUCCU 3745 CAGGAGAG GGCTAGCTACAACGA ATCCTTG 20865 2365 UGCUGGGG G CUCUCCU 3745 CAGGAGAG GGCTAGCTACAACGA CCCCAGCA 20866 2373 GCUCUCCU G UUGUGGAU 3746 ATCCACAA GGCTACCAACGA AACAGA ACAGGACC 20867 2374 CUCCUGUU G UGGAUGG 3747 CCCATCCA GGCTACCAACGA AACAGA ACAGGACA 20867 2384 GUGGAUGAAU G CUCGUGAU 3749 ATCACAGA GGCTACCAACGA ACAGA ACAGCACA 20869 2396 CAAUGCUC G UGAUAGG 3751 GCTATATCA	2299	UCCAUCAA G UGUUCGGA	3736	TCCGAACA GGCTAGCTACAACGA TTGATGGA	20857
2318 AGCAUUCC G CUCACUGU 3739 ACAGTGAG GGCTAGCTACAACGA GGAATGCT 20860 2325 CGCUCACU G UUCGGAGG 3740 CCTCCGAA GGCTAGCTACAACGA AGTGAGCG 20861 2333 GUUCGGAG G CAUGUCCU 3741 AGGACATG GGCTAGCTACAACGA AGTGAGCC 20862 2337 GGAGGAU G UCCUGGAU 3742 ATCCAGGA GGCTAGCTACAACGA ATCCTCC 20863 2349 UGGAUAAC G CAAGGAUU 3743 AATCCTTG GGCTAGCTACAACGA ATCCTTG 20864 2356 CAAGGAUU G CUGGGGC 3744 GCCCCCAG GGCTAGCTACAACGA ATCCTTG 20865 2365 UGCUGGGG G CUCUCCUG 3745 CAGGAGAG GGCTAGCTACAACGA AGAAGGACCCCAGCA 20866 2373 GCUCUCCU G UUGUGGAU 3746 ATCCACAA GGCTAGCTACAACGA AGAAGGACCA 20866 2384 GUGGAUGG G CAUCAAUG 3748 CATTGATG GGCTAGCTACAACGA ACCAGAGA 20869 2392 GCAUCAAU G CUGAUAGU 3749 ATCACGAG GGCTAGCTACAACGA ATCAACGA 20870 2394 GCALUGAU G UGAUAGGU 3750 ACCTATCA GGCTAGCTACAACGA ATTGACC 20872 2403 CGUGUAGA G UGAUAGC 3751 GCTATGGCT	2301	CAUCAAGU G UUCGGAGG	3737	CCTCCGAA GGCTAGCTACAACGA ACTTGATG	20858
2325 CGCUCACU G UUCGGAGG 3740 CCTCCGAA GGCTAGCTACAACGA AGTGAGCG 20861 2333 GUUCGGAG G CAUGUCCU 3741 AGGACATG GGCTAGCTACAACGA CTCCGAAC 20862 2337 GGAGGCAU G UCCUGGAU 3742 ATCCAGGA GGCTAGCTACAACGA ATGCCTCC 20862 2349 UGGAUAAC G CAAGGAUU 3743 AATCCTTG GGCTAGCTACAACGA ATTCCTA 20864 2358 CAAGGAUU G CUGGGGG 3744 GCCCCCAG GGCTAGCTACAACGA ATCCTTG 20865 2365 UGCUGGGG G CUCUCCUG 3745 CAGGAGAG GGCTAGCTACAACGA ACGCACACA 20866 2373 GCUCUCCU G UGUGGAU 3746 ATCCACAA GGCTAGCTACAACGA ACAGGAGC 20866 2384 GUGGAUGG G CAUCAAUG 3748 CATTGATG GGCTAGCTACAACGA ACAGGAGC 20869 2392 GCAUCAAU G CUCGUGAU 3749 ATCACGAG GGCTAGCTACAACGA ATTGACC 20869 2394 CAAUGCUC G UCAUAGC 3751 GCTATGCACAACGA CTATCACC 20872 2403 CGUGAUAG G UCCAUAGC 3751 GCTATGGA GGCTAGCTACAACGA CTATCACC 20872 2410 GGUCCAUA G CUCUACC 3753 GCGAGAAA GGCTAGCTACAACGA CTATCACC	2311	UCGGAGGA G CAUUCCGC	3738	GCGGAATG GGCTAGCTACAACGA TCCTCCGA	20859
2333 GUUCGGAG G CAUGUCCU 3741 AGGACATG GGCTAGCTACAACGA CTCCGAAC 20862 2337 GGAGGCAU G UCCUGGAU 3742 ATCCAGGA GGCTAGCTACAACGA ATGCCTCC 20863 2349 UGGAUAAC G CAAGGAUU 3743 AATCCTTG GGCTAGCTACAACGA ATTCCTC 20865 2358 CAAGGAUU G CUGGGGC 3744 GCCCCCAG GGCTAGCTACAACGA ATCCTTG 20865 2365 UGCUGGGG G CUCUCCUG 3745 CAGGAGAG GGCTAGCTACAACGA ACCCCACCA 20866 2373 GCUCUCCU G UUGUGGAU 3746 ATCCACAA GGCTAGCTACAACGA AGGAGAGC 20867 2376 CUCCUGUU G UGGAUGG 3747 CCCATCCA GGCTAGCTACAACGA ACCACCACCAC 20868 2384 GUGGAUGG G CUCCAUAGU 3748 CATTGATG GGCTAGCTACAACGA ATTGATGC 20870 2396 CAAUCAAU G CUGUGAU 3749 ATCACGAG GGCTAGCTACAACGA ATTGATCC 20870 2403 CGUGAUAG G UCCAUAGC 3751 ACCTATCA GGCTAGCTACAACGA CTATCACC 20872 2410 GGUCCAUA G CUCUCACG 3752 CGTGAGAG GGCTAGCTACAACGA TATCACC 20873 2418 GCUCUCAC G UUCUCCCC 3753 GCGAGAAA GGC	2318	AGCAUUCC G CUCACUGU	3739	ACAGTGAG GGCTAGCTACAACGA GGAATGCT	20860
2337 GGAGGCAU G UCCUGGAU 3742 ATCCAGGA GGCTAGCTACAACGA ATGCCTCC 20863 2349 UGGAUAAC G CAAGGAUU 3743 AATCCTTG GGCTAGCTACAACGA GTTATCCA 20864 2358 CAAGGAUU G CUGGGGGC 3744 GCCCCCAG GGCTAGCTACAACGA AATCCTTG 20865 2365 UGCUGGG G CUCUCCU G 3745 CAGGAGAG GGCTAGCTACAACGA AGCACCACCACA 20866 2373 GCUCUCCU G UUGUGGAU 3746 ATCCACAA GGCTACAACGA AGGAGAGC 20867 2376 CUCCUGUU G UGGAUGGG 3747 CCCCATCCA GGCTACAACGA AGAGAGAGC 20869 2384 GUGGAUGG G CAUCAAUG 3748 CATTGATG GGCTAGCTACAACGA ACAGCA CCATCCAC 20869 2392 GCAUCAAU G CUCGUGAU 3749 ATCACGAG GGCTAGCTACAACGA ATTGATGC 20870 2403 CGUGAUGG G UCCAUAGC 3751 GCTATGCACACGA CTATCAACGA TATCACG 20872 2410 GGUCCAUA GCUCUCAC 3752 CGTAGGAG GGCTAGCTACAACGA TATGACC 20873 2418 GCUCUCAC 3753 GCGAGAAA GGCTAGCTACAACGA TATGACC 20874 2425 CGUUUCUC 3753 TCCACTG GGCTACAACGA GAGAACG 20876	2325	CGCUCACU G UUCGGAGG	3740	CCTCCGAA GGCTAGCTACAACGA AGTGAGCG	20861
2349 UGGAUAAC G CAAGGAUU 3743 AATCCTTG GGCTAGCTACAACGA GTTATCCA 20864 2358 CAAGGAUU G CUGGGGC 3744 GCCCCCAG GGCTAGCTACAACGA AATCCTTG 20865 2365 UGCUGGGG G CUCUCCUG 3745 CAGGAGAG GGCTAGCTACAACGA ACCCCAGCA 20866 2373 GCUCUCCU G UUGUGGAU 3746 ATCCACAA GGCTAGCTACAACGA AGGAGAC 20867 2376 CUCCUGUU G UGGAUGGG 3747 CCCATCCA GGCTAGCTACAACGA ACAGGAG 20868 2384 GUGGAUGG G CAUCAAUG 3748 CATTGATG GGCTAGCTACAACGA ACAGGAGC 20868 2392 GCAUCAAU G CUCGUGAU 3749 ATCACGAG GGCTAGCTACAACGA ATTGATGC 20870 2396 CAAUGCUC G UGAUAGC 3751 GCTATGCTACAACGA CTATCACCG 20871 2410 GGUCCAUA G CUCUCACG 3752 CGTGAGAAG GGCTAGCTACAACGA TATGACC 20872 2410 GGUCCAUA G UUCUCACG 3753 GCGAGAAA GGCTAGCTACAACGA TATGACC 20873 2418 GCUCUCAC G UUUCUCCG 3753 GCGAGAAA GGCTAGCTACAACGA TATGACC 20873 2428 UUCUCCG G CAGUUGA 3754 TCCAACTG GGCTACAACGA TGCGAGAA	2333	GUUCGGAG G CAUGUCCU	3741	AGGACATG GGCTAGCTACAACGA CTCCGAAC	20862
2358 CAAGGAUU G CUGGGGGC 3744 GCCCCCAG GGCTAGCTACAACGA AATCCTTG 20865 2365 UGCUGGGG G CUCUCCUG 3745 CAGGAGAG GGCTAGCTACAACGA CCCCAGCA 20866 2373 GCUCUCCU G UUGUGGAU 3746 ATCCACAA GGCTAGCTACAACGA AGGAGAGC 20867 2376 CUCCUGUU G UGGAUGG 3747 CCCATCCA GGCTAGCTACAACGA ACGAGAC 20868 2384 GUGGAUGG G CAUCAAUG 3748 CATTGATG GGCTAGCTACAACGA ATTGATGC 20869 2392 GCAUCAAU G CUCGUGAU 3749 ATCACGAG GGCTAGCTACAACGA ATTGATGC 20870 2396 CAAUGCUC G UGAUAGGU 3750 ACCTATCA GGCTAGCTACAACGA ATTGATGC 20871 2403 CGUGAUAG G UCCAUAGC 3751 GCTATGGA GGCTAGCTACAACGA CTATCACG 20872 2410 GGUCCAUA G CUCUCACG 3752 CGTGAGAG GGCTAGCTACAACGA CTATCACG 20873 2418 GCUCUCAC G UUUCUCGC 3753 GCGAGAAA GGCTAGCTACAACGA GTGAGAACG 20874 2425 CGUUUCUC G CAGUUGA 3754 TCCACCA GGCTAGCTACAACGA TCCTCCAA 20876 2447 UUGGAGGA G UUCUGCU 3756 GAGCAGAA GGCTAGCTACAACGA TCCTCCA	2337	GGAGGCAU G UCCUGGAU	3742	ATCCAGGA GGCTAGCTACAACGA ATGCCTCC	20863
2365 UGCUGGGG G CUCUCCUG 3745 CAGGAGAG GGCTAGCTACAACGA CCCCAGCA 20866 2373 GCUCUCCU G UUGUGGAU 3746 ATCCACAA GGCTAGCTACAACGA AGGAGAGC 20867 2376 CUCCUGUU G UGGAUGG 3747 CCCATCCA GGCTAGCTACAACGA AACAGGAG 20868 2384 GUGGAUGG G CAUCAAUG 3748 CATTGATG GGCTAGCTACAACGA ACTATCAC 20869 2392 GCAUCAAU G CUGUGAU 3749 ATCACGAG GGCTAGCTACAACGA ATTGATGC 20870 2396 CAAUGCUC G UGAUAGGU 3750 ACCTATCA GGCTAGCTACAACGA AGCATTCC 20871 2403 CGUGAUAG G UCCUCACG 3751 GCTATGGA GGCTAGCTACAACGA CTATGACC 20872 2410 GGUCCUAC G UUUCUCGC 3753 GCGAGAAA GGCTAGCTACAACGA ATTAGGACC 20873 2418 GCUCUCAC G UUUCUGCC 3753 GCGAGAAA GGCTAGCTACAACGA ATGCGAGAA 20875 <t< td=""><td>2349</td><td>UGGAUAAC G CAAGGAUU</td><td>3743</td><td>AATCCTTG GGCTAGCTACAACGA GTTATCCA</td><td>20864</td></t<>	2349	UGGAUAAC G CAAGGAUU	3743	AATCCTTG GGCTAGCTACAACGA GTTATCCA	20864
2373 GCUCUCCU G UUGUGGAU 3746 ATCCACAA GGCTAGCTACAACGA AGGAGAGC 20867 2376 CUCCUGUU G UGGAUGGG 3747 CCCATCCA GGCTAGCTACAACGA AACAGGAG 20868 2384 GUGGAUGG G CAUCAAUG 3748 CATTGATG GGCTAGCTACAACGA ACCATCCAC 20869 2392 GCAUCAAU G CUCGUGAU 3749 ATCACGAG GGCTAGCTACAACGA ATTGATGC 20870 2396 CAAUGCUC G UGAUAGC 3751 GCTATGGA GGCTAGCTACAACGA CATCACGC 20871 2403 CGUGAUA G CUCUCACG 3751 GCTATGGA GGCTAGCTACAACGA TATGACC 20872 2410 GGUCCAUA G CUCUCACG 3752 CGTGAGA GGCTAGCTACAACGA TATGACC 20873 2418 GCUCUCAC G UUUCUCGC 3753 GCGAGAAA GGCTAGCTACAACGA GTGAGAC 20875 2425 CGUUUCUC G CAGUUGGA 3754 TCCACATG GGCTAGCTACAACGA TACGAAGA 20876 2437 UUGGAGGA G UUCUGCU 3756 GAGCAGAA GGCTAGCTACAACGA TCCTCCAA 20877 2442 GGAGUUCU G CUCUUCCU 3757 AGGAAGAG GGCTAGCTACAACGA AGAACTCC 20878 2455 UCCUCUCC G UGAACGU 3758 CACGTTCA GGCTACAACGA GTTACAACGA ACT	2358	CAAGGAUU G CUGGGGGC	3744	GCCCCAG GGCTAGCTACAACGA AATCCTTG	20865
2376 CUCCUGUU G UGGAUGGG 3747 CCCATCCA GGCTAGCTACAACGA AACAGGAG 2086B 2384 GUGGAUGG G CAUCAAUG 3748 CATTGATG GGCTAGCTACAACGA CCATCCAC 20869 2392 GCAUCAAU G CUCGUGAU 3749 ATCACGAG GGCTAGCTACAACGA ATTGATGC 20870 2396 CAAUGCUC G UGAUAGGU 3750 ACCTATCA GGCTAGCTACAACGA GAGCATTG 20871 2403 CGUGAUAG G UCCUCACG 3751 GCTATGGA GGCTAGCTACAACGA TATGACC 20872 2410 GGUCCAUA G CUCUCACG 3752 CGTGAGAG GGCTAGCTACAACGA TATGGACC 20873 2418 GCUCUCAC G UUUCUCGC 3753 GCGAGAAA GGCTAGCTACAACGA GTGAGGAC 20874 2425 CGUUUCUC G CAGUUGGA 3754 TCCTCCAA GGCTAGCTACAACGA GTGAGACC 20875 2428 UUCUCGCA G UUGGAGA 3755 TCCTCCAA GGCTAGCTACAACGA TCCTCCAA 20876 2437 UUGGAGGA G UUCUGCU 3756 GAGCAGAA GGCTAGCTACAACGA AGAACTCC 20878 2455 UCCUCUC G UGAACGU 3757 AGGAAGG GGCTAGCTACAACGA AGAACTCC 20872 2455 UCCUCUC G UGAACGU 3758 CACGTTACAACGA AGACACAGA GTCACAGA GCC	2365	UGCUGGGG G CUCUCCUG	3745	CAGGAGAG GGCTAGCTACAACGA CCCCAGCA	20866
2384 GUGGAUGG G CAUCAAUG 3748 CATTGATG GGCTAGCTACAACGA CCATCCAC 20869 2392 GCAUCAAU G CUCGUGAU 3749 ATCACGAG GGCTAGCTACAACGA ATTGATGC 20870 2396 CAAUGCUC G UGAUAGGU 3750 ACCTATCA GGCTAGCTACAACGA GAGCATTG 20871 2403 CGUGAUAG G UCCAUAGC 3751 GCTATGGA GGCTAGCTACAACGA CTATCACG 20872 2410 GGUCCAUA G CUCUCACG 3752 CGTGAGAG GGCTAGCTACAACGA TATGGACC 20873 2418 GCUCUCAC G UUUCUCGC 3753 GCGAGAAA GGCTAGCTACAACGA GAGAAACG 20874 2425 CGUUUCUC G CAGUUGA 3754 TCCAACTG GGCTAGCTACAACGA GAGAAACG 20875 2428 UUCUCGCA G UUGGAGA 3755 TCCTCCAA GGCTAGCTACAACGA TGCGAGAA 20876 2437 UUGGAGGA G UUCUGCU 3756 GAGCAGAA GGCTAGCTACAACGA TCCTCCAA 20877 2442 GGAGUUCU G CUCUUCCU 3757 AGGAAGAG GGCTAGCTACAACGA GGAGAGA 20879 2455 UCCUCUCC G UGAACGU 3758 CACGTCA GGCTAGCTACAACGA GTCCAC 20880 2461 CCGUGAAC G UGACACU 3759 AGGTGCA GGCTAGCTACAACGA GTCCAC	2373	GCUCUCCU G UUGUGGAU	3746	ATCCACAA GGCTAGCTACAACGA AGGAGAGC	20867
2392 GCAUCAAU G CUCGUGAU 3749 ATCACGAG GGCTAGCTACAACGA ATTGATGC 20870 2396 CAAUGCUC G UGAUAGGU 3750 ACCTATCA GGCTAGCTACAACGA GAGCATTG 20871 2403 CGUGAUAG G UCCAUAGC 3751 GCTATGGA GGCTAGCTACAACGA CTATCACG 20872 2410 GGUCCAUA G CUCUCACG 3752 CGTGAGAG GGCTAGCTACAACGA TATGGACC 20873 2418 GCUCUCAC G UUUCUCGC 3753 GCGAGAAA GGCTAGCTACAACGA GTGAGAC 20874 2425 CGUUUCUC G CAGUUGGA 3754 TCCAACTG GGCTAGCTACAACGA GAGAAACG 20875 2428 UUCUCGCA G UUGGAGGA 3755 TCCTCCAA GGCTAGCTACAACGA TGCGAGAA 20876 2437 UUGGAGGA G UUCUGCU 3756 GAGCAGAA GGCTAGCTACAACGA TCCTCCAA 20877 2442 GGAGUUCU G CUCUUCCU 3757 AGGAAGAG GGCTAGCTACAACGA AGAACTCC 20878 2455 UCCUCUCC G UGAACGU 3758 CACGTTCA GGCTAGCTACAACGA GGAGAGA 20879 2461 CCGUGAAC G UGCACCU 3759 AGCGTGCA GGCTACCAACGA ACGTTCAC 20881 2467 ACGUGCAC G CUGACACU 3761 AGTGCAG GGCTAGCTACAACGA CCAGTGC	2376	CUCCUGUU G UGGAUGGG	3747	CCCATCCA GGCTAGCTACAACGA AACAGGAG	2086B
2396 CAAUGCUC G UGAUAGGU 3750 ACCTATCA GGCTAGCTACAACGA GAGCATTG 20871 2403 CGUGAUAG G UCCAUAGC 3751 GCTATGGA GGCTAGCTACAACGA CTATCACG 20872 2410 GGUCCAUA G CUCUCACG 3752 CGTGAGAG GGCTAGCTACAACGA TATGGACC 20873 2418 GCUCUCAC G UUUCUCGC 3753 GCGAGAAA GGCTAGCTACAACGA GTGAGAGC 20874 2425 CGUUUCUC G CAGUUGGA 3754 TCCAACTG GGCTAGCTACAACGA GAGAAACG 20875 2428 UUCUCGCA G UUGGAGGA 3755 TCCTCCAA GGCTAGCTACAACGA TGCGAGAA 20876 2437 UUGGAGGA G UUCUGCUC 3756 GAGCAGAA GGCTAGCTACAACGA TCCTCCAA 20877 2442 GGAGUUCU G CUCUUCCU 3757 AGGAAGAG GGCTAGCTACAACGA AGAACTCC 20878 2455 UCCUCUCC G UGAACGU 3758 CACGTTCA GGCTAGCTACAACGA GGAGAGGA 20879 2461 CCGUGAAC G UGCACGCU 3759 AGCGTGCA GGCTAGCTACAACGA GTTCACG 20880 2463 GUGAACGU G CACGCUGA 3760 TCAGCGTG GGCTAGCTACAACGA ACGTTCAC 20881 2467 ACGUGCAC G CUGACACU 3761 AGTGTCAG GGCTAGCTACAACGA CCAGT	2384	GUGGAUGG G CAUCAAUG	3748	CATTGATG GGCTAGCTACAACGA CCATCCAC	20869
2403 CGUGANAG G UCCANAGC 3751 GCTATGGA GGCTAGCTACAACGA CTATCACG 20872 2410 GGUCCANA G CUCUCACG 3752 CGTGAGAG GGCTAGCTACAACGA TATGGACC 20873 2418 GCUCUCAC G UUUCUCGC 3753 GCGAGAAA GGCTAGCTACAACGA GTGAGAGC 20874 2425 CGUUUCUC G CAGUUGGA 3754 TCCAACTG GGCTAGCTACAACGA GAGAAACG 20875 2428 UUCUCGCA G UUGGAGGA 3755 TCCTCCAA GGCTAGCTACAACGA TGCGAGAA 20876 2437 UUGGAGGA G UUCUGCU 3756 GAGCAGAA GGCTAGCTACAACGA TCCTCCAA 20877 2442 GGAGUUCU G CUCUUCCU 3757 AGGAAGAG GGCTAGCTACAACGA AGAACTCC 20878 2455 UCCUCUCC G UGAACGU 3758 CACGTTCA GGCTAGCTACAACGA GGAGAGA 20879 2461 CCGUGAAC G UGCACGCU 3759 AGCGTGCA GGCTAGCTACAACGA GTTCACC 20880 2463 GUGAACGU G CACGCU 3760 TCAGCGTG GGCTAGCTACAACGA ACGTTCAC 20881 2467 ACGUGCAC G CUGACACU 3761 AGTGTCAG GGCTAGCTACAACGA CCAGTGT 20882 2478 GACACUGG G UGCCAU 3762 ATGGCAC GGCTAGCTACAACGA ACCCCAG	2392	GCAUCAAU G CUCGUGAU	3749	ATCACGAG GGCTAGCTACAACGA ATTGATGC	20870
2410 GGUCCAUA G CUCUCACG 3752 CGTGAGAG GGCTAGCTACAACGA TATGGACC 20873 2418 GCUCUCAC G UUUCUCGC 3753 GCGAGAAA GGCTAGCTACAACGA GTGAGAGC 20874 2425 CGUUUCUC G CAGUUGGA 3754 TCCAACTG GGCTAGCTACAACGA GAGAAACG 20875 2428 UUCUCGCA G UUGGAGGA 3755 TCCTCCAA GGCTAGCTACAACGA TGCGAGAA 20876 2437 UUGGAGGA G UUCUGCUC 3756 GAGCAGAA GGCTAGCTACAACGA TCCTCCAA 20877 2442 GGAGUUCU G CUCUUCCU 3757 AGGAAGAG GGCTAGCTACAACGA AGAACTCC 20878 2455 UCCUCUCC G UGAACGUG 3758 CACGTTCA GGCTAGCTACAACGA GGAGAGGA 20879 2461 CCGUGAAC G UGCACGU 3759 AGCGTGCA GGCTAGCTACAACGA GTTCACG 20880 2463 GUGAACGU G CACGCUA 3760 TCAGCGTG GGCTAGCTACAACGA ACGTTCAC 20881 2467 ACGUGCAC G CUGACACU 3761 AGTGTCAG GGCTAGCTACAACGA CCAGTGC 20882 2478 GACACUGG G UGCCAU 3762 ATGGCAC GGCTAGCTACAACGA CCAGTGC 20883 2480 CACUGGGU G CCAUAGAC 3764 GTCTATGG GGCTAGCTACAACGA ACCCCAG <td></td> <td>CAAUGCUC G UGAUAGGU</td> <td>3750</td> <td>ACCTATCA GGCTAGCTACAACGA GAGCATTG</td> <td>20871</td>		CAAUGCUC G UGAUAGGU	3750	ACCTATCA GGCTAGCTACAACGA GAGCATTG	20871
2418GCUCUCAC G UUUCUCGC3753GCGAGAAA GGCTAGCTACAACGA GTGAGAGC208742425CGUUUCUC G CAGUUGGA3754TCCAACTG GGCTAGCTACAACGA GAGAAACG208752428UUCUCGCA G UUGGAGGA3755TCCTCCAA GGCTAGCTACAACGA TGCGAGAA208762437UUGGAGGA G UUCUGCUC3756GAGCAGAA GGCTAGCTACAACGA TCCTCCAA208772442GGAGUUCU G CUCUUCCU3757AGGAAGAG GGCTAGCTACAACGA AGAACTCC208782455UCCUCUCC G UGAACGUG3758CACGTTCA GGCTAGCTACAACGA GGAGAGGA208792461CCGUGAAC G UGCACGCU3759AGCGTGCA GGCTAGCTACAACGA GTTCACGG208802463GUGAACGU G CACGCUGA3760TCAGCGTG GGCTAGCTACAACGA ACGTTCAC208812467ACGUGCAC G CUGACACU3761AGTGTCAG GGCTAGCTACAACGA GTGCACGT208822478GACACUGG G UGUGCCAU3762ATGGCACA GGCTAGCTACAACGA CCAGTGTC208832480CACUGGGU G UGCCAUAG3763CTATGGCA GGCTAGCTACAACGA ACCCAGTG208842482CUGGGUGU G CCAUAGAC3764GTCTATGG GGCTAGCTACAACGA ACACCAG208852495AGACAUCA G CCGCAAG3765CTTGCCGG GGCTAGCTACAACGA TGATGTCT208862499AUCAGCCG G CAAGAGCU3766AGCTCTTG GGCTAGCTACAACGA CGGCTGAT20887	2403		3751	GCTATGGA GGCTAGCTACAACGA CTATCACG	20872
2425 CGUUUCUC G CAGUUGGA 3754 TCCAACTG GGCTAGCTACAACGA GAGAAACG 20875 2428 UUCUCGCA G UUGGAGGA 3755 TCCTCCAA GGCTAGCTACAACGA TGCGAGAA 20876 2437 UUGGAGGA G UUCUGCUC 3756 GAGCAGAA GGCTAGCTACAACGA TCCTCCAA 20877 2442 GGAGUUCU G CUCUUCCU 3757 AGGAAGAG GGCTAGCTACAACGA AGAACTCC 20878 2455 UCCUCUCC G UGAACGUG 3758 CACGTTCA GGCTAGCTACAACGA AGAACTCC 20879 2461 CCGUGAAC G UGCACGCU 3759 AGCGTGCA GGCTAGCTACAACGA GTTCACGG 20880 2463 GUGAACGU G CACGCUGA 3760 TCAGCGTG GGCTAGCTACAACGA ACGTTCAC 20881 2467 ACGUGCAC G CUGACACU 3761 AGTGTCAG GGCTAGCTACAACGA GTGCACGT 20882 2478 GACACUGG G UGUGCCAU 3762 ATGGCACA GGCTAGCTACAACGA CCAGTGTC 20883 2480 CACUGGGU G UGCCAUAG 3763 CTATGGCA GGCTAGCTACAACGA ACCCAGTG 20884 2482 CUGGGUGU G CCAUAGAC 3764 GTCTATGG GGCTAGCTACAACGA ACCCAGTG 20885 2495 AGACAUCA G CCGGCAAG 3765 CTTGCCGG GGCTAGCTACAACGA TGATGTCT 20886	2410		3752	CGTGAGAG GGCTAGCTACAACGA TATGGACC	20873
2428UUCUCGCA G UUGGAGGA3755TCCTCCAA GGCTAGCTACAACGA TGCGAGAA208762437UUGGAGGA G UUCUGCUC3756GAGCAGAA GGCTAGCTACAACGA TCCTCCAA208772442GGAGUUCU G CUCUUCCU3757AGGAAGAG GGCTAGCTACAACGA AGAACTCC208782455UCCUCUCC G UGAACGUG3758CACGTTCA GGCTAGCTACAACGA GGAGAGGA208792461CCGUGAAC G UGCACGCU3759AGCGTGCA GGCTAGCTACAACGA GTTCACGG208802463GUGAACGU G CACGCUGA3760TCAGCGTG GGCTAGCTACAACGA ACGTTCAC208812467ACGUGCAC G CUGACACU3761AGTGTCAG GGCTAGCTACAACGA GTGCACGT208822478GACACUGG G UGUGCCAU3762ATGGCACA GGCTAGCTACAACGA CCAGTGTC208832480CACUGGGU G UGCCAUAG3763CTATGGCA GGCTAGCTACAACGA ACCCAGTG208842482CUGGGUGU G CCAUAGAC3764GTCTATGG GGCTAGCTACAACGA ACACCAG208852495AGACAUCA G CCGGCAAG3765CTTGCCGG GGCTAGCTACAACGA TGATGTCT208862499AUCAGCCG G CAAGAGCU3766AGCTCTTG GGCTAGCTACAACGA CGGCTGAT20887		GCUCUCAC G UUUCUCGC	3753	GCGAGAAA GGCTAGCTACAACGA GTGAGAGC	20874
2437UUGGAGGA G UUCUGCUC3756GAGCAGAA GGCTAGCTACAACGA TCCTCCAA208772442GGAGUUCU G CUCUUCCU3757AGGAAGAG GGCTAGCTACAACGA AGAACTCC208782455UCCUCUCC G UGAACGUG3758CACGTTCA GGCTAGCTACAACGA GGAGAGGA208792461CCGUGAAC G UGCACGCU3759AGCGTGCA GGCTAGCTACAACGA GTTCACGG208802463GUGAACGU G CACGCUGA3760TCAGCGTG GGCTAGCTACAACGA ACGTTCAC208812467ACGUGCAC G CUGACACU3761AGTGTCAG GGCTAGCTACAACGA GTGCACGT208822478GACACUGG G UGUGCCAU3762ATGGCACA GGCTAGCTACAACGA CCAGTGTC208832480CACUGGGU G UGCCAUAG3763CTATGGCA GGCTAGCTACAACGA ACCCAGTG208842482CUGGGUGU G CCAUAGAC3764GTCTATGG GGCTAGCTACAACGA ACACCAG208852495AGACAUCA G CCGGCAAG3765CTTGCCGG GGCTAGCTACAACGA TGATGTCT208862499AUCAGCCG G CAAGAGCU3766AGCTCTTG GGCTAGCTACAACGA CGGCTGAT20887		CGUUUCUC G CAGUUGGA	3754	TCCAACTG GGCTAGCTACAACGA GAGAAACG	20875
2442GGAGUUCU G CUCUUCCU3757AGGAAGAG GGCTAGCTACAACGA AGAACTCC208782455UCCUCUCC G UGAACGUG3758CACGTTCA GGCTAGCTACAACGA GGAGAGGA208792461CCGUGAAC G UGCACGCU3759AGCGTGCA GGCTAGCTACAACGA GTTCACGG208802463GUGAACGU G CACGCUGA3760TCAGCGTG GGCTAGCTACAACGA ACGTTCAC208812467ACGUGCAC G CUGACACU3761AGTGTCAG GGCTAGCTACAACGA GTGCACGT208822478GACACUGG G UGUGCCAU3762ATGGCACA GGCTAGCTACAACGA CCAGTGTC208832480CACUGGGU G UGCCAUAG3763CTATGGCA GGCTAGCTACAACGA ACCCAGTG208842482CUGGGUGU G CCAUAGAC3764GTCTATGG GGCTAGCTACAACGA ACACCAG208852495AGACAUCA G CCGGCAAG3765CTTGCCGG GGCTAGCTACAACGA TGATGTCT208862499AUCAGCCG G CAAGAGCU3766AGCTCTTG GGCTAGCTACAACGA CGGCTGAT20887			3755	TCCTCCAA GGCTAGCTACAACGA TGCGAGAA	20876
2455UCCUCUCC G UGAACGUG3758CACGTTCA GGCTAGCTACAACGA GGAGAGGA208792461CCGUGAAC G UGCACGCU3759AGCGTGCA GGCTAGCTACAACGA GTTCACGG208802463GUGAACGU G CACGCUGA3760TCAGCGTG GGCTAGCTACAACGA ACGTTCAC208812467ACGUGCAC G CUGACACU3761AGTGTCAG GGCTAGCTACAACGA GTGCACGT208822478GACACUGG G UGUGCCAU3762ATGGCACA GGCTAGCTACAACGA CCAGTGTC208832480CACUGGGU G UGCCAUAG3763CTATGGCA GGCTAGCTACAACGA ACCCAGTG208842482CUGGGUGU G CCAUAGAC3764GTCTATGG GGCTAGCTACAACGA ACACCAG208852495AGACAUCA G CCGGCAAG3765CTTGCCGG GGCTAGCTACAACGA TGATGTCT208862499AUCAGCCG G CAAGAGCU3766AGCTCTTG GGCTAGCTACAACGA CGGCTGAT20887	2437	UUGGAGGA G UUCUGCUC	3756	GAGCAGAA GGCTAGCTACAACGA TCCTCCAA	20877
2461CCGUGAAC G UGCACGCU3759AGCGTGCA GGCTAGCTACAACGA GTTCACGG208802463GUGAACGU G CACGCUGA3760TCAGCGTG GGCTAGCTACAACGA ACGTTCAC208812467ACGUGCAC G CUGACACU3761AGTGTCAG GGCTAGCTACAACGA GTGCACGT208822478GACACUGG G UGUGCCAU3762ATGGCACA GGCTAGCTACAACGA CCAGTGTC208832480CACUGGGU G UGCCAUAG3763CTATGGCA GGCTAGCTACAACGA ACCCAGTG208842482CUGGGUGU G CCAUAGAC3764GTCTATGG GGCTAGCTACAACGA ACACCAG208852495AGACAUCA G CCGGCAAG3765CTTGCCGG GGCTAGCTACAACGA TGATGTCT208862499AUCAGCCG G CAAGAGCU3766AGCTCTTG GGCTAGCTACAACGA CGGCTGAT20887		GGAGUUCU G CUCUUCCU	3757	AGGAAGAG GGCTAGCTACAACGA AGAACTCC	20878
2463GUGAACGU G CACGCUGA3760TCAGCGTG GGCTAGCTACAACGA ACGTTCAC208812467ACGUGCAC G CUGACACU3761AGTGTCAG GGCTAGCTACAACGA GTGCACGT208822478GACACUGG G UGUGCCAU3762ATGGCACA GGCTAGCTACAACGA CCAGTGTC208832480CACUGGGU G UGCCAUAG3763CTATGGCA GGCTAGCTACAACGA ACCCAGTG208842482CUGGGUGU G CCAUAGAC3764GTCTATGG GGCTAGCTACAACGA ACACCAG208852495AGACAUCA G CCGCAAG3765CTTGCCGG GGCTAGCTACAACGA TGATGTCT208862499AUCAGCCG G CAAGAGCU3766AGCTCTTG GGCTAGCTACAACGA CGGCTGAT20887		UCCUCUCC G UGAACGUG	375B		20879
2467 ACGUGCAC G CUGACACU 3761 AGTGTCAG GGCTAGCTACAACGA GTGCACGT 20882 2478 GACACUGG G UGUGCCAU 3762 ATGGCACA GGCTAGCTACAACGA CCAGTGTC 20883 2480 CACUGGGU G UGCCAUAG 3763 CTATGGCA GGCTAGCTACAACGA ACCCAGTG 20884 2482 CUGGGUGU G CCAUAGAC 3764 GTCTATGG GGCTAGCTACAACGA ACACCCAG 20885 2495 AGACAUCA G CCGGCAAG 3765 CTTGCCGG GGCTAGCTACAACGA TGATGTCT 20886 2499 AUCAGCCG G CAAGAGCU 3766 AGCTCTTG GGCTAGCTACAACGA CGGCTGAT 20887			3759	AGCGTGCA GGCTAGCTACAACGA GTTCACGG	20880
2478GACACUGG G UGUGCCAU3762ATGGCACA GGCTAGCTACAACGA CCAGTGTC208832480CACUGGGU G UGCCAUAG3763CTATGGCA GGCTAGCTACAACGA ACCCAGTG208842482CUGGGUGU G CCAUAGAC3764GTCTATGG GGCTAGCTACAACGA ACACCCAG208852495AGACAUCA G CCGGCAAG3765CTTGCCGG GGCTAGCTACAACGA TGATGTCT208862499AUCAGCCG G CAAGAGCU3766AGCTCTTG GGCTAGCTACAACGA CGGCTGAT20887			 		20881
2480CACUGGGU G UGCCAUAG3763CTATGGCA GGCTAGCTACAACGA ACCCAGTG208842482CUGGGUGU G CCAUAGAC3764GTCTATGG GGCTAGCTACAACGA ACACCAG208852495AGACAUCA G CCGGCAAG3765CTTGCCGG GGCTAGCTACAACGA TGATGTCT208862499AUCAGCCG G CAAGAGCU3766AGCTCTTG GGCTAGCTACAACGA CGGCTGAT20887			3761	AGTGTCAG GGCTAGCTACAACGA GTGCACGT	20882
2482CUGGGUGU G CCAUAGAC3764GTCTATGG GGCTAGCTACAACGA ACACCCAG208852495AGACAUCA G CCGGCAAG3765CTTGCCGG GGCTAGCTACAACGA TGATGTCT208862499AUCAGCCG G CAAGAGCU3766AGCTCTTG GGCTAGCTACAACGA CGGCTGAT20887			3762	ATGGCACA GGCTAGCTACAACGA CCAGTGTC	20883
2495 AGACAUCA G CCGGCAAG 3765 CTTGCCGG GGCTAGCTACAACGA TGATGTCT 20886 2499 AUCAGCCG G CAAGAGCU 3766 AGCTCTTG GGCTAGCTACAACGA CGGCTGAT 20887			 	CTATGGCA GGCTAGCTACAACGA ACCCAGTG	20884
2499 AUCAGCCG G CAAGAGCU 3766 AGCTCTTG GGCTACCAACGA CGGCTGAT 20887				GTCTATGG GGCTAGCTACAACGA ACACCCAG	20885
					20886
2505 CGGCAAGA G CUGAGAUG 3767 CATCTCAG GGCTAGCTACAACGA TCTTGCCG 20888				AGCTCTTG GGCTAGCTACAACGA CGGCTGAT	20887
	2505	CGGCAAGA G CUGAGAUG	3767	CATCTCAG GGCTAGCTACAACGA TCTTGCCG	20888

Table VI				
2513	GCUGAGAU G UGGAAGUG	3768	CACTTCCA GGCTAGCTACAACGA ATCTCAGC	20889
2519	AUGUGGAA G UGGAGUGU	3769	ACACTCCA GGCTAGCTACAACGA TTCCACAT	20890
2524	GAAGUGGA G UGUUCAUA	3770	TATGAACA GGCTAGCTACAACGA TCCACTTC	20891
2526	AGUGGAGU G UUCAUACA	3771	TGTATGAA GGCTAGCTACAACGA ACTCCACT	20892
2542	ACAAUGAU G UGGAGGCU	3772	AGCCTCCA GGCTAGCTACAACGA ATCATTGT	20893
2548	AUGUGGAG G CUUGGAUG	3773	CATCCAAG GGCTAGCTACAACGA CTCCACAT	20894
	AUGGACCG G UACAAGUA	3774	TACTTGTA GGCTAGCTACAACGA CGGTCCAT	20895
2562		3775		
2568	CGGUACAA G UAUUACCC		GGGTAATA GGCTAGCTACAACGA TTGTACCG	20896
2583	CCUGAAAC G CCACAAGG	3776	CCTTGTGG GGCTAGCTACAACGA GTTTCAGG	20897
2591	GCCACAAG G CCUAGCCA	3777	TGGCTAGG GGCTAGCTACAACGA CTTGTGGC	20898
2596	AAGGCCUA G CCAAGAUC	3778	GATCTTGG GGCTAGCTACAACGA TAGGCCTT	20899
2614	UUCAGAAA G CUCAUAAG	3779	CTTATGAG GGCTAGCTACAACGA TTTCTGAA	20900
2629	AGGAAGGA G UGUGCGGU	3780	ACCGCACA GGCTAGCTACAACGA TCCTTCCT	20901
2631	GAAGGAGU G UGCGGUCU	3781	AGACCGCA GGCTAGCTACAACGA ACTCCTTC	20902
2633	AGGAGUGU G CGGUCUAC	3782	GTAGACCG GGCTAGCTACAACGA ACACTCCT	20903
2636	AGUGUGCG G UCUACGAU	3783	ATCGTAGA GGCTAGCTACAACGA CGCACACT	20904
2647	UACGAUCA G UUUCCAGA	3784	TCTGGAAA GGCTAGCTACAACGA TGATCGTA	20905
2661	AGACUGGA G CAUCAAAU	3785	ATTTGATG GGCTAGCTACAACGA TCCAGTCT	20906
2670	CAUCAAAU G UGGGAAGC	3786	GCTTCCCA GGCTAGCTACAACGA ATTTGATG	20907
2677	UGUGGGAA G CAGUGAAG	3787	CTTCACTG GGCTAGCTACAACGA TTCCCACA	20908
2680	GGGAAGCA G UGAAGGAC	3788	GTCCTTCA GGCTAGCTACAACGA TGCTTCCC	20909
2691	AAGGACGA G CUGAACAC	3789	GTGTTCAG GGCTAGCTACAACGA TCGTCCTT	20910
2717	GGAGAAUG G UGUGGACC	3790	GGTCCACA GGCTAGCTACAACGA CATTCTCC	20911
2719	AGAAUGGU G UGGACCUU	3791	AAGGTCCA GGCTAGCTACAACGA ACCATTCT	20912
2729	GGACCUUA G UGUCGUGG	3792	CCACGACA GGCTAGCTACAACGA TAAGGTCC	20913
2731	ACCUUAGU G UCGUGGUU	3793	AACCACGA GGCTAGCTACAACGA ACTAAGGT	20914
2734	UUAGUGUC G UGGUUGAG	3794	CTCAACCA GGCTAGCTACAACGA GACACTAA	20915
2737	GUGUCGUG G UUGAGAAA	3795	TTTCTCAA GGCTAGCTACAACGA CACGACAC	20916
2757	GAGGGAAU G UACAAGUC	3796	GACTTGTA GGCTAGCTACAACGA ATTCCCTC	20917
2763	AUGUACAA G UCAGCACC	3797	GGTGCTGA GGCTAGCTACAACGA TTGTACAT	20918
2767	ACAAGUCA G CACCUAAA	3798	TTTAGGTG GGCTAGCTACAACGA TGACTTGT	20919
2777	ACCUAAAC G CCUCACCG	3799	CGGTGAGG GGCTAGCTACAACGA GTTTAGGT	20920
2785	GCCUCACC G CCACCACG	3800	CGTGGTGG GGCTAGCTACAACGA GGTGAGGC	20921
2810	GGAAAUUG G CUGGAAGG	3801	CCTTCCAG GGCTAGCTACAACGA CAATTTCC	20922
2818	GCUGGAAG G CCUGGGGA	3802	TCCCCAGG GGCTAGCTACAACGA CTTCCAGC	20923
2831	GGGAAGA G UAUUUUAU	3803	ATAAAATA GGCTAGCTACAACGA TCTTTCCC	20924
2842	UUUUAUUU G CACCAGAA	3804	TTCTGGTG GGCTAGCTACAACGA AAATAAAA	20925
2854	CAGAACUC G CCAACAAC	3805		
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2869	CCUUUGUG G UUGAUGGU		ATCAACCA GGCTAGCTACAACGA AAAGGTGT	20927
2872		3807	ACCATCAA GGCTAGCTACAACGA CACAAAGG	20928
2879	GGUUGAUG G UCCGGAGA	3808	TCTCCGGA GGCTAGCTACAACGA CATCAACC	20929
2897	CAAGGAAU G UCCGACUC	3809	GAGTCGGA GGCTAGCTACAACGA ATTCCTTG	20930
2912	UCAGAAUC G CGCUUGGA	3810	TCCAAGCG GGCTAGCTACAACGA GATTCTGA	20931
2914	AGAAUCGC G CUUGGAAU	3811	ATTCCAAG GGCTAGCTACAACGA GCGATTCT	20932
2924	UUGGAAUA G CUUAGAAG	3812	CTTCTAAG GGCTAGCTACAACGA TATTCCAA	20933
2932	GCUUAGAA G UGGAGGAU	3813	ATCCTCCA GGCTAGCTACAACGA TTCTAAGC	20934
2951	UGGAUUUG G UCUCACCA	3814	TGGTGAGA GGCTAGCTACAACGA CAAATCCA	20935
2960	UCUCACCA G CACUCGGA	3815	TCCGAGTG GGCTAGCTACAACGA TGGTGAGA	20936
2970	ACUCGGAU G UUCCUGAA	3816	TTCAGGAA GGCTAGCTACAACGA ATCCGAGT	20937
2980	UCCUGAAG G UCAGAGAG	3817	CTCTCTGA GGCTAGCTACAACGA CTTCAGGA	20938
2990	CAGAGAGA G CAACACAA	3818	TTGTGTTG GGCTAGCTACAACGA TCTCTCTG	20939
3005	AACUGAAU G UGACUCGA	3819	TCGAGTCA GGCTAGCTACAACGA ATTCAGTT	20940
3028	UUGGAACG G CUGUCAAG	3820	CTTGACAG GGCTAGCTACAACGA CGTTCCAA	20941
3031	GAACGGCU G UCAAGAAC	3821	GTTCTTGA GGCTAGCTACAACGA AGCCGTTC	20942
3046	ACAACUUG G CGAUCCAC	3822	GTGGATCG GGCTAGCTACAACGA CAAGTTGT	20943
3056	GAUCCACA G UGACCUGU	3823	ACAGGTCA GGCTAGCTACAACGA TGTGGATC	20944
3063	AGUGACCU G UCCUAUUG	3824	CAATAGGA GGCTAGCTACAACGA AGGTCACT	20945
3080	GAUUGAAA G CAGGCUCA	3825	TGAGCCTG GGCTAGCTACAACGA TTTCAATC	20946
3084	GAAAGCAG G CUCAAUGA	3826	TCATTGAG GGCTAGCTACAACGA CTGCTTTC	20947
3096	AAUGAUAC G UGGAAGCU	3827	AGCTTCCA GGCTAGCTACAACGA GTATCATT	20948
3102	ACGUGGAA G CUUGAAAG	3828	CTTTCAAG GGCTAGCTACAACGA TTCCACGT	20949
3112	UUGAAAGG G CAGUUCUG	3829	CAGAACTG GGCTAGCTACAACGA CCTTTCAA	20950
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		11	IDIC AI	
3115	AAAGGGCA G UUCUGGGU	3830	ACCCAGAA GGCTAGCTACAACGA TGCCCTTT	20951
3122	AGUUCUGG G UGAAGUCA	3831	TGACTTCA GGCTAGCTACAACGA CCAGAACT	20952
3127	UGGGUGAA G UCAAAUCA	3832	TGATTTGA GGCTAGCTACAACGA TTCACCCA	20953
3137	CAAAUCAU G UACGUGGC	3833	GCCACGTA GGCTAGCTACAACGA ATGATTTG	20954
3141	UCAUGUAC G UGGCCUGA	3834	TCAGGCCA GGCTAGCTACAACGA GTACATGA	20955
3144	UGUACGUG G CCUGAGAC	3835	GTCTCAGG GGCTAGCTACAACGA CACGTACA	20956
3153	CCUGAGAC G CAUACCUU	3836	AAGGTATG GGCTAGCTACAACGA GTCTCAGG	20957
3162	CAUACCUU G UGGGGCGA	3837	TCGCCCCA GGCTAGCTACAACGA AAGGTATG	20958
	CUUGUGGG G CGAUGGAA	3838	TTCCATCG GGCTAGCTACAACGA CCCACAAG	20959
3167	CCUUGAGA G UGACUUGA	3839		
3185	L		TCAAGTCA GGCTAGCTACAACGA TCTCAAGG	20960
3202	UAAUACCA G UCACACUG	3840	CAGTGTGA GGCTAGCTACAACGA TGGTATTA	20961
3211	UCACACUG G CGGGACCA	3841	TGGTCCCG GGCTAGCTACAACGA CAGTGTGA	20962
3224	ACCACGAA G CAAUCACA	3842	TGTGATTG GGCTAGCTACAACGA TTCGTGGT	20963
3246	AGACCUGG G UACAAGAC	3843	GTCTTGTA GGCTAGCTACAACGA CCAGGTCT	20964
3266	AAACCAGG G CCCAUGGG	3844	CCCATGGG GGCTAGCTACAACGA CCTGGTTT	20965
3281	GGACGAAG G CCGGGUAG	3845	CTACCCGG GGCTAGCTACAACGA CTTCGTCC	20966
3286	AAGGCCGG G UAGAGAUU	3846	AATCTCTA GGCTAGCTACAACGA CCGGCCTT	20967
3308	CGAUUACU G CCCAGGAA	3847	TTCCTGGG GGCTAGCTACAACGA AGTAATCG	20968
3322	GAACUACG G UCACCCUG	3848	CAGGGTGA GGCTAGCTACAACGA CGTAGTTC	20969
3332	CACCCUGA G UGAGAGCU	3849	AGCTCTCA GGCTAGCTACAACGA TCAGGGTG	20970
3338	GAGUGAGA G CUGCGGAC	3850	GTCCGCAG GGCTAGCTACAACGA TCTCACTC	20971
3341	UGAGAGCU G CGGACACC	3851	GGTGTCCG GGCTAGCTACAACGA AGCTCTCA	20972
3350	CGGACACC G UGGACCUG	3852	CAGGTCCA GGCTAGCTACAACGA GGTGTCCG	20973
3358	GUGGACCU G CCACUCGC	3853	GCGAGTGG GGCTAGCTACAACGA AGGTCCAC	20974
3365	UGCCACUC G CACCACCA	3854	TGGTGGTG GGCTAGCTACAACGA GAGTGGCA	20975
3380	CACAGAGA G CGGAAAGU	3855	ACTITCCG GGCTAGCTACAACGA TCTCTGTG	20976
3387	AGCGGAAA G UUGAUAAC	3856	GTTATCAA GGCTAGCTACAACGA TTTCCGCT	20977
3402	ACAGAUUG G UGCUGCAG	3857	CTGCAGCA GGCTAGCTACAACGA CAATCTGT	20978
3404	AGAUUGGU G CUGCAGGA	3858	TCCTGCAG GGCTAGCTACAACGA ACCAATCT	20979
3407	UUGGUGCU G CAGGAGCU	3859	AGCTCCTG GGCTAGCTACAACGA AGCACCAA	20980
3413	CUGCAGGA G CUGCACCU	3860	AGGTGCAG GGCTAGCTACAACGA TCCTGCAG	20981
3416	CAGGAGCU G CACCUUAC	3861	GTAAGGTG GGCTAGCTACAACGA AGCTCCTG	20982
3432	CCACCACU G CGCUACCA	3862	TGGTAGCG GGCTAGCTACAACGA AGTGGTGG	20983
3434	ACCACUGC G CUACCAAA	3863	TTTGGTAG GGCTAGCTACAACGA GCAGTGGT	20984
3449	AACUGACA G CGGCUGUU	3864	AACAGCCG GGCTAGCTACAACGA TGTCAGTT	20985
3452	UGACAGCG G CUGUUGGU	3865	ACCAACAG GGCTAGCTACAACGA CGCTGTCA	20986
3455	CAGCGGCU G UUGGUAUG	3866	CATACCAA GGCTAGCTACAACGA AGCCGCTG	20987
3459	GGCUGUUG G UAUGGUAU	3867	ATACCATA GGCTAGCTACAACGA CAACAGCC	20988
3464	UUGGUAUG G UAUGGAGA	3868	TCTCCATA GGCTAGCTACAACGA CATACCAA	20989
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3507	ACCCUCGU G CAGUCACA	3870	TGTGACTG GGCTAGCTACAACGA ACGAGGGT	20991
3510	CUCGUGCA G UCACAAGU	3871	ACTTGTGA GGCTAGCTACAACGA TGCACGAG	20991
				
3517 3523	AGUCACAA G UGAAUGCU AAGUGAAU G CUUAUAAU	3872 3873	AGCATTCA GGCTAGCTACAACGA TTGTGACT	20993
3532	CUUAUAAU G CUGAUAUG	3874	ATTATAAG GGCTAGCTACAACGA ATTCACTT	20994
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		3875	AGGCCCAA GGCTAGCTACAACGA TGAAAAGG	20996
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3571	UUCUGGUC G UGUUCUUG	3878	CAAGAACA GGCTAGCTACAACGA GACCAGAA	20999
3573	CUGGUCGU G UUCUUGGC	3879	GCCAAGAA GGCTAGCTACAACGA ACGACCAG	21000
3580	UGUUCUUG G CCACCCAG	3880	CTGGGTGG GGCTAGCTACAACGA CAAGAACA	21001
3592	CCCAGGAG G UCCUUCGC	3881	GCGAAGGA GGCTAGCTACAACGA CTCCTGGG	21002
3599	GGUCCUUC G CAAGAGGU	3882	ACCTCTTG GGCTAGCTACAACGA GAAGGACC	21003
3606	CGCAAGAG G UGGACAGC	3883	GCTGTCCA GGCTAGCTACAACGA CTCTTGCG	21004
3613	GGUGGACA G CCAAGAUC	3884	GATCTTGG GGCTAGCTACAACGA TGTCCACC	21005
3623	CAAGAUCA G CAUGCCAG	3885	CTGGCATG GGCTAGCTACAACGA TGATCTTG	21006
3627	AUCAGCAU G CCAGCUAU	3886	ATAGCTGG GGCTAGCTACAACGA ATGCTGAT	21007
3631	GCAUGCCA G CUAUACUG	3887	CAGTATAG GGCTAGCTACAACGA TGGCATGC	21008
3643	UACUGAUU G CUCUGCUA	3888	TAGCAGAG GGCTAGCTACAACGA AATCAGTA	21009
3648	AUUGCUCU G CUAGUCCU	3889	AGGACTAG GGCTAGCTACAACGA AGAGCAAT	21010
3652	CUCUGCUA G UCCUGGUG	3890	CACCAGGA GGCTAGCTACAACGA TAGCAGAG	21011
3658	UAGUCCUG G UGUUUGGG	3891	CCCAAACA GGCTAGCTACAACGA CAGGACTA	21012

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3660	GUCCUGGU G UUUGGGGG	3892	CCCCCAAA GGCTAGCTACAACGA ACCAGGAC	21013
3668	GUUUGGGG G CAUUACUU	3893	AAGTAATG GGCTAGCTACAACGA CCCCAAAC	21014
3685	ACACUGAU G UGUUACGC	3894	GCGTAACA GGCTAGCTACAACGA ATCAGTGT	21015
3687	ACUGAUGU G UUACGCUA	3895	TAGCGTAA GGCTAGCTACAACGA ACATCAGT	21016
3692	UGUGUUAC G CUAUGUCA	3896	TGACATAG GGCTAGCTACAACGA GTAACACA	21017
3697	UACGCUAU G UCAUCUUG	3897	CAAGATGA GGCTAGCTACAACGA ATAGCGTA	21018
3706	UCAUCUUG G UGGGGGCA	3898	TGCCCCCA GGCTAGCTACAACGA CAAGATGA	21019
3712	UGGUGGGG G CAGCUUUC	3899	GAAAGCTG GGCTAGCTACAACGA CCCCACCA	21020
3715	UGGGGCA G CUUUCGCA	3900	TGCGAAAG GGCTAGCTACAACGA TGCCCCCA	21021
3721	CAGCUUUC G CAGAAUCU	3901	AGATTCTG GGCTAGCTACAACGA GAAAGCTG	21022
3745	GAGGAGAC G UGGUACAC	3902	GTGTACCA GGCTAGCTACAACGA GTCTCCTC	
3748	GAGACGUG G UACACUUG	3902		21023
			CAAGTGTA GGCTAGCTACAACGA CACGTCTC	21024
3757	UACACUUG G CGCUCAUG	3904	CATGAGCG GGCTAGCTACAACGA CAAGTGTA	21025
3759	CACUUGGC G CUCAUGGC	3905	GCCATGAG GGCTAGCTACAACGA GCCAAGTG	21026
3766	CGCUCAUG G CGACCUUC	3906	GAAGGTCG GGCTAGCTACAACGA CATGAGCG	21027
3787	UACAACCA G UGUUUAUG	3907	CATAAACA GGCTAGCTACAACGA TGGTTGTA	2102B
3789	CAACCAGU G UUUAUGGU	3908	ACCATAAA GGCTAGCTACAACGA ACTGGTTG	21029
3796	UGUUUAUG G UGGCAUCG	3909	CGATGCCA GGCTAGCTACAACGA CATAAACA	21030
3799	UUAUGGUG G CAUCGUUU	3910	AAACGATG GGCTAGCTACAACGA CACCATAA	21031
3804	GUGGCAUC G UUUCUCAA	3911	TTGAGAAA GGCTAGCTACAACGA GATGCCAC	21032
3814	UUCUCAAA G CGAGAUGG	3912	CCATCTCG GGCTAGCTACAACGA TTTGAGAA	21033
3843	AACAUUUU G UUGAUGUU	3913	AACATCAA GGCTAGCTACAACGA AAAATGTT	21034
3849	UUGUUGAU G UUGGCGGC	3914	GCCGCCAA GGCTAGCTACAACGA ATCAACAA	21035
3853	UGAUGUUG G CGGCUGUU	3915	AACAGCCG GGCTAGCTACAACGA CAACATCA	21036
3856	UGUUGGCG G CUGUUUUC	3916	GAAAACAG GGCTAGCTACAACGA CGCCAACA	21037
3859	UGGCGGCU G UUUUCUUU	3917	AAAGAAAA GGCTAGCTACAACGA AGCCGCCA	21038
3874	UUCAAAUG G CUUAUCAC	3918	GTGATAAG GGCTAGCTACAACGA CATTTGAA	21039
3886	AUCACGAU G CCCGCCAA	3919	TTGGCGGG GGCTAGCTACAACGA ATCGTGAT	21040
3890	CGAUGCCC G CCAAAUUC	3920	GAATTTGG GGCTAGCTACAACGA GGGCATCG	21041
3900	CAAAUUCU G CUCUGGGA	3921	TCCCAGAG GGCTAGCTACAACGA AGAATTTG	21042
3919	UCCCUGAU G UGUUGAAU	3922	ATTCAACA GGCTAGCTACAACGA ATCAGGGA	21043
3921	CCUGAUGU G UUGAAUUC	3923	GAATTCAA GGCTAGCTACAACGA ACATCAGG	21044
3934	AUUCACUG G CGGUAGCU	3924	AGCTACCG GGCTAGCTACAACGA CAGTGAAT	21045
3937	CACUGGCG G UAGCUUGG	3925	CCAAGCTA GGCTAGCTACAACGA CGCCAGTG	21046
3940	UGGCGGUA G CUUGGAUG	3926	CATCCAAG GGCTAGCTACAACGA TACCGCCA	21047
3958	UACUGAGA G CCAUAACA	3927	TGTTATGG GGCTAGCTACAACGA TCTCAGTA	21048
3985	CAUCAAAC G UGGUUGUU	3928	AACAACCA GGCTAGCTACAACGA GTTTGATG	21049
3988	CAAACGUG G UUGUUCCG	3929	CGGAACAA GGCTAGCTACAACGA CACGTTTG	21050
3991	ACGUGGUU G UUCCGCUG	3930	CAGCGGAA GGCTAGCTACAACGA AACCACGT	21051
3996	GUUGUUCC G CUGCUAGC	3931	GCTAGCAG GGCTAGCTACAACGA GGAACAAC	21052
3999	GUUCCGCU G CUAGCCCU	3932	AGGGCTAG GGCTAGCTACAACGA AGCGGAAC	
4003	CGCUGCUA G CCCUGCUA	3933	TAGCAGGG GGCTAGCTACAACGA TAGCAGCG	21053
4008	CUAGCCCU G CUAACACC			21054
4008	ACACCGG G CUGAGAUG	3934	GGTGTTAG GGCTAGCTACAACGA AGGGCTAG	21055
4028		3935	CATCTCAG GGCTAGCTACAACGA CCGGGTGT	21056
4042	GCUGAGAU G CUUGAAUC	3936	GATTCAAG GGCTAGCTACAACGA ATCTCAGC	21057
	AUCUGGAU G UGUACAGG	3937	CCTGTACA GGCTAGCTACAACGA ATCCAGAT	21058
4044	CUGGAUGU G UACAGGAU	3938	ATCCTGTA GGCTAGCTACAACGA ACATCCAG	21059
4056	AGGAUACU G CUGUUGAU	3939	ATCAACAG GGCTAGCTACAACGA AGTATCCT	21060
4059	AUACUGCU G UUGAUGGU	3940	ACCATCAA GGCTAGCTACAACGA AGCAGTAT	21061
4066	UGUUGAUG G UCGGAAUA	3941	TATTCCGA GGCTAGCTACAACGA CATCAACA	21062
4076	CGGAAUAG G CAGCUUGA	3942	TCAAGCTG GGCTAGCTACAACGA CTATTCCG	21063
4079	AAUAGGCA G CUUGAUCA	3943	TGATCAAG GGCTAGCTACAACGA TGCCTATT	21064
4100	GAAGAGGA G UGCAGCUG	3944	CAGCTGCA GGCTAGCTACAACGA TCCTCTTC	21065
4102	AGAGGAGU G CAGCUGCA	3945	TGCAGCTG GGCTAGCTACAACGA ACTCCTCT	21066
4105	GGAGUGCA G CUGCAAAA	3946	TTTTGCAG GGCTAGCTACAACGA TGCACTCC	21067
4108	GUGCAGCU G CAAAAAAG	3947	CTTTTTG GGCTAGCTACAACGA AGCTGCAC	21068
4123	AGAAAGGA G CAAGUCUG	3948	CAGACTTG GGCTAGCTACAACGA TCCTTTCT	21069
4127	AGGAGCAA G UCUGCUAU	3949	ATAGCAGA GGCTAGCTACAACGA TTGCTCCT	21070
4131	GCAAGUCU G CUAUGCUU	3950	AAGCATAG GGCTAGCTACAACGA AGACTTGC	21071
4136	UCUGCUAU G CUUGGCUC	3951	GAGCCAAG GGCTAGCTACAACGA ATAGCAGA	21072
4141	UAUGCUUG G CUCUAGCC	3952	GGCTAGAG GGCTAGCTACAACGA CAAGCATA	21073
4147	UGGCUCUA G CCUCAACA	3953	TGTTGAGG GGCTAGCTACAACGA TAGAGCCA	21074
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			TOTE A1	
4180	UGAUCCUU G CUGCUGGA	3954	TCCAGCAG GGCTAGCTACAACGA AAGGATCA	21075
4183	UCCUUGCU G CUGGACUG	3955	CAGTCCAG GGCTAGCTACAACGA AGCAAGGA	21076
4195	GACUGAUU G CAUGUGAU	3956	ATCACATG GGCTAGCTACAACGA AATCAGTC	21077
4199	GAUUGCAU G UGAUCCCA	3957	TGGGATCA GGCTAGCTACAACGA ATGCAATC	21078
4211	UCCCAACC G UAAACGCG	3958	CGCGTTTA GGCTAGCTACAACGA GGTTGGGA	21079
4217	CCGUAAAC G CGGAUGGC	3959	GCCATCCG GGCTAGCTACAACGA GTTTACGG	21080
4224	CGCGGAUG G CCCGCAAC	3960	GTTGCGGG GGCTAGCTACAACGA CATCCGCG	21081
4228	GAUGGCCC G CAACUGAA	3961	TTCAGTTG GGCTAGCTACAACGA GGGCCATC	21082
4237	CAACUGAA G UGAUGACA	3962	TGTCATCA GGCTAGCTACAACGA TTCAGTTG	21083
4246	UGAUGACA G CUGUCGGC	3963	GCCGACAG GGCTAGCTACAACGA TGTCATCA	21084
4249	UGACAGCU G UCGGCCUA	3964	TAGGCCGA GGCTAGCTACAACGA AGCTGTCA	21085
4253	AGCUGUCG G CCUAAUGU	3965	ACATTAGG GGCTAGCTACAACGA CGACAGCT	21086
4260	GGCCUAAU G UUUGCCAU	3966	ATGGCAAA GGCTAGCTACAACGA ATTAGGCC	21087
4264	UAAUGUUU G CCAUCGUC	3967	GACGATGG GGCTAGCTACAACGA AAACATTA	21088
4270	UUGCCAUC G UCGGAGGG	3968	CCCTCCGA GGCTAGCTACAACGA GATGGCAA	21089
4278	GUCGGAGG G CUGGCAGA	3969	TCTGCCAG GGCTAGCTACAACGA CCTCCGAC	21090
4282	GAGGGCUG G CAGAGCUU	3970	AAGCTCTG GGCTAGCTACAACGA CAGCCCTC	21091
4287	CUGGCAGA G CUUGACAU	3971	ATGTCAAG GGCTAGCTACAACGA TCTGCCAG	21092
4306	ACUCCAUG G CCAUUCCA	3972	TGGAATGG GGCTAGCTACAACGA CATGGAGT	21093
4324	UGACUAUC G CGGGGCUC	3973	GAGCCCCG GGCTAGCTACAACGA GATAGTCA	21094
4329	AUCGCGGG G CUCAUGUU	3974	AACATGAG GGCTAGCTACAACGA CCCGCGAT	21095
4335	GGGCUCAU G UUUGCUGC	3975	GCAGCAAA GGCTAGCTACAACGA ATGAGCCC	21096
4339	UCAUGUUU G CUGCUUUC	3976	GAAAGCAG GGCTAGCTACAACGA AAACATGA	21097
4342	UGUUUGCU G CUUUCGUG	3977	CACGAAAG GGCTAGCTACAACGA AGCAAACA	21098
4348	CUGCUUUC G UGAUUUCU	3978	AGAAATCA GGCTAGCTACAACGA GAAAGCAG	21099
4374	ACAGAUAU G UGGAUUGA	3979	TCAATCCA GGCTAGCTACAACGA ATATCTGT	21100
4390	AGAGAACG G CGGACAUU	3980	AATGTCCG GGCTAGCTACAACGA CGTTCTCT	21101
4409	CUGGGAAA G UGAUGCAG	3981	CTGCATCA GGCTAGCTACAACGA TTTCCCAG	21102
4414	AAAGUGAU G CAGAAAUU	3982	AATTTCTG GGCTAGCTACAACGA ATCACTTT	21103
4427	AAUUACAG G CUCGAGCG	3983	CGCTCGAG GGCTAGCTACAACGA CTGTAATT	21104
4433	AGGCUCGA G CGAAAGAG	3984	CTCTTTCG GGCTAGCTACAACGA TCGAGCCT	21105
4441	GCGAAAGA G UUGAUGUG	3985	CACATCAA GGCTAGCTACAACGA TCTTTCGC	21106
4447	GAGUUGAU G UGCGGCUU	3986	AAGCCGCA GGCTAGCTACAACGA ATCAACTC	21107
4449	GUUGAUGU G CGGCUUGA	3987	TCAAGCCG GGCTAGCTACAACGA ACATCAAC	21108
4452	GAUGUGCG G CUUGAUGA	3988	TCATCAAG GGCTAGCTACAACGA CGCACATC	21109
4476	AACUUCCA G CUCAUGAA	3989	TTCATGAG GGCTAGCTACAACGA TGGAAGTT	21110
4495	AUCCAGGA G CACCUUGG	3990	CCAAGGTG GGCTAGCTACAACGA TCCTGGAT	21111
4515	AUAUGGAU G CUCAGAAU	3991	ATTCTGAG GGCTAGCTACAACGA ATCCATAT	21112
4525	UCAGAAUG G UCUGUCUC	3992	GAGACAGA GGCTAGCTACAACGA CATTCTGA	21113
4529	AAUGGUCU G UCUCGCGA	3993	TCGCGAGA GGCTAGCTACAACGA AGACCATT	21114
4534	UCUGUCUC G CGAUUAGU	3994	ACTANTCG GGCTAGCTACAACGA GAGACAGA	21115
4541	CGCGAUUA G UGCGUACA	3995	TGTACGCA GGCTAGCTACAACGA TAATCGCG	21116
4543	CGAUUAGU G CGUACACC	3996	GGTGTACG GGCTAGCTACAACGA ACTAATCG	21117
4545	AUUAGUGC G UACACCCC	3997	GGGGTGTA GGCTAGCTACAACGA GCACTAAT	21118
4558	CCCCUGG G CAAUCUUG	3998	CAAGATTG GGCTAGCTACAACGA CCAGGGGG	21119
4566	GCAAUCUU G CCCUCAGU	3999	ACTGAGGG GGCTAGCTACAACGA AAGATTGC	21120
4573	UGCCCUCA G UAGUUGGA	4000	TCCAACTA GGCTAGCTACAACGA TGAGGGCA	21121
4576	CCUCAGUA G UUGGAUUU	4001	AAATCCAA GGCTAGCTACAACGA TACTGAGG	21122
4616	GAGAGGAG G CGUGUUGU	4002	ACAACACG GGCTAGCTACAACGA CTCCTCTC	21123
4618	GAGGAGGC G UGUUGUGG	4003	CCACAACA GGCTAGCTACAACGA GCCTCCTC	21124
4620	GGAGGCGU G UUGUGGGA	4004	TCCCACAA GGCTAGCTACAACGA ACGCCTCC	21125
4623	GGCGUGUU G UGGGACAC	4005	GTGTCCCA GGCTAGCTACAACGA AACACGCC	21126
4647	CCAAAGGA G UACAAAA	4006	TTTTTGTA GGCTAGCTACAACGA TCCTTTGG	21127
4673	GACCACCG G CGUCUACA	4007	TGTAGACG GGCTAGCTACAACGA CGGTGGTC	21128
4675	CCACCGGC G UCUACAGG	4008	CCTGTAGA GGCTAGCTACAACGA GCCGGTGG	21129
4694	CAUGACUC G UGGGCUGC	4009	GCAGCCCA GGCTAGCTACAACGA GAGTCATG	21129
4698	ACUCGUGG G CUGCUCGG	4010	CCGAGCAG GGCTAGCTACAACGA CCACGAGT	
4701	CGUGGGCU G CUCGGCAG	4011	CTGCCGAG GGCTAGCTACAACGA AGCCCACG	21131
4706	GCUGCUCG G CAGUUAUC	4012	GATAACTG GGCTAGCTACAACGA CGAGCAGC	
4709	GCUCGGCA G UUAUCAAG	4012	CTTGATAA GGCTAGCTACAACGA TGCCGAGC	21133
4717	GUUAUCAA G CAGGAGCG	4013	CGCTCCTG GGCTAGCTACAACGA TTGATAAC	21134
4723	AAGCAGGA G CGGGCGUG	4014	CACGCCCG GGCTAGCTACAACGA TCCTGCTT	21135
		4010	WINDSCOO GOCTINGTHOMACGA TCCTGCTT	21136

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	Table VI	

				
4727	AGGAGCGG G CGUGAUGG	4016	CCATCACG GGCTAGCTACAACGA CCGCTCCT	21137
4729	GAGCGGGC G UGAUGGUU	4017	AACCATCA GGCTAGCTACAACGA GCCCGCTC	21138
4735	GCGUGAUG G UUGAAGGU	4018	ACCTTCAA GGCTAGCTACAACGA CATCACGC	21139
4742	GGUUGAAG G UGUUUUCC	4019	GGAAAACA GGCTAGCTACAACGA CTTCAACC	21140
4744	UUGAAGGU G UUUUCCAC	4020	GTGGAAAA GGCTAGCTACAACGA ACCTTCAA	21141
4761	ACCCUUUG G CAUACAAC	4021	GTTGTATG GGCTAGCTACAACGA CAAAGGGT	21142
			 	
4777	CAAAAGGA G CCGCUUUG	4022	CAAAGCGG GGCTAGCTACAACGA TCCTTTTG	21143
4780	AAGGAGCC G CUUUGAUG	4023	CATCAAAG GGCTAGCTACAACGA GGCTCCTT	21144
4790	UUUGAUGA G CGGAGAGG	4024	CCTCTCCG GGCTAGCTACAACGA TCATCAAA	21145
4799	CGGAGAGG G CCGCCUGG	4025	CCAGGCGG GGCTAGCTACAACGA CCTCTCCG	21146
4802	AGAGGGCC G CCUGGACC	4026	GGTCCAGG GGCTAGCTACAACGA GGCCCTCT	21147
4820	AUACUGGG G CAGUGUCA	4027	TGACACTG GGCTAGCTACAACGA CCCAGTAT	21148
4823	CUGGGGCA G UGUCAAGG	4028	CCTTGACA GGCTAGCTACAACGA TGCCCCAG	21149
	GGGGCAGU G UCAAGGAG			
4825		4029	CTCCTTGA GGCTAGCTACAACGA ACTGCCCC	21150
4844	UCGACUUU G UUACGGAG	4030	CTCCGTAA GGCTAGCTACAACGA AAAGTCGA	21151
4866	UGGAAAUU G CAGCACAA	4031	TTGTGCTG GGCTAGCTACAACGA AATTTCCA	21152
4869	AAAUUGCA G CACAAGUG	4032	CACTTGTG GGCTAGCTACAACGA TGCAATTT	21153
4875	CAGCACAA G UGGAACGG	4033	CCGTTCCA GGCTAGCTACAACGA TTGTGCTG	21154
4884	UGGAACGG G CAGGAUGA	4034	TCATCCTG GGCTAGCTACAACGA CCGTTCCA	21155
4894	AGGAUGAG G UGCAGAUG	4035	CATCTGCA GGCTAGCTACAACGA CTCATCCT	21156
4896	GAUGAGGU G CAGAUGAU	4036	ATCATCTG GGCTAGCTACAACGA ACCTCATC	21157
4906	AGAUGAUU G UGGUGGAA	4037	TTCCACCA GGCTAGCTACAACGA AATCATCT	
		 		21158
4909	UGAUUGUG G UGGAACCU	4038	AGGTTCCA GGCTAGCTACAACGA CACAATCA	21159
4919	GGAACCUG G CAAGAACG	4039	CGTTCTTG GGCTAGCTACAACGA CAGGTTCC	21160
4927	GCAAGAAC G UUAAGAAC	4040	GTTCTTAA GGCTAGCTACAACGA GTTCTTGC	21161
4936	UUAAGAAC G UCCAGACG	4041	CGTCTGGA GGCTAGCTACAACGA GTTCTTAA	21162
4954	AACCAGGG G UGUUCAAA	4042	TTTGAACA GGCTAGCTACAACGA CCCTGGTT	21163
4956	CCAGGGGU G UUCAAAAC	4043	GTTTTGAA GGCTAGCTACAACGA ACCCCTGG	21164
4984	AAAUCGGG G CCGUGACU	4044	AGTCACGG GGCTAGCTACAACGA CCCGATTT	21165
4987	UCGGGGC G UGACUUUG	4045	CAAAGTCA GGCTAGCTACAACGA GGCCCCGA	
				21166
5018	AACAUCAG G CUCACCAA	4046	TTGGTGAG GGCTAGCTACAACGA CTGATGTT	21167
5029	CACCAAUA G UGGACAAA	4047	TTTGTCCA GGCTAGCTACAACGA TATTGGTG	21168
5042	CAAAAACG G UGAUGUGA	4048	TCACATCA GGCTAGCTACAACGA CGTTTTTG	21169
5047	ACGGUGAU G UGAUUGGG	4049	CCCAATCA GGCTAGCTACAACGA ATCACCGT	21170
5055	GUGAUUGG G CUUUAUGG	4050	CCATAAAG GGCTAGCTACAACGA CCAATCAC	21171
5063	GCUUUAUG G CAAUGGAG	4051	CTCCATTG GGCTAGCTACAACGA CATAAAGC	21172
5071	GCAAUGGA G UCAUAAUG	4052	CATTATGA GGCTAGCTACAACGA TCCATTGC	21173
5079	GUCAUAAU G CCCAACGG	4053	CCGTTGGG GGCTAGCTACAACGA ATTATGAC	21174
5087	GCCCAACG G CUCAUACA	4054	TGTATGAG GGCTAGCTACAACGA CGTTGGGC	
5099	AUACAUAA G CGCGAUAG			21175
		4055	CTATCGCG GGCTAGCTACAACGA TTATGTAT	21176
5101	ACAUAAGC G CGAUAGUG	4056	CACTATCG GGCTAGCTACAACGA GCTTATGT	21177
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5109	GCGAUAGU G CAGGGUGA	4058	TCACCCTG GGCTAGCTACAACGA ACTATCGC	21179
5114	AGUGCAGG G UGAAAGGA	4059	TCCTTTCA GGCTAGCTACAACGA CCTGCACT	21180
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5160	CCUGAGAU G CUGAGGAA	4062	TTCCTCAG GGCTAGCTACAACGA ATCTCAGG	21183
5182	AGAUCACU G UACUGGAU	4063	ATCCAGTA GGCTAGCTACAACGA ATCTCAGG	
5201	CCAUCCCG G CGCCGGUA	 	<u></u>	21184
		4064	TACCGGCG GGCTAGCTACAACGA CGGGATGG	21185
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5207	CGGCGCCG G UAAAACAA	4066	TTGTTTTA GGCTAGCTACAACGA CGGCGCCG	21187
5226	AGGAUUCU G CCACAGAU	4067	ATCTGTGG GGCTAGCTACAACGA AGAATCCT	21188
5245	UCAAAGAG G CCAUAAAC	4068	GTTTATGG GGCTAGCTACAACGA CTCTTTGA	21189
5269	UGAGAACA G CCGUGCUA	4069	TAGCACGG GGCTAGCTACAACGA TGTTCTCA	21190
5272	GAACAGCC G UGCUAGCA	4070	TGCTAGCA GGCTAGCTACAACGA GGCTGTTC	21191
5274	ACAGCCGU G CUAGCACC	4071	GGTGCTAG GGCTAGCTACAACGA ACGGCTGT	
5278	CCGUGCUA G CACCAACC	4072		21192
	CAACCAGG G UUGUGGCU		GGTTGGTG GGCTAGCTACAACGA TAGCACGG	21193
5290		4073	AGCCACAA GGCTAGCTACAACGA CCTGGTTG	21194
5293	CCAGGGUU G UGGCUGCU	4074	AGCAGCCA GGCTAGCTACAACGA AACCCTGG	21195
5296	GGGUUGUG G CUGCUGAG	4075	CTCAGCAG GGCTAGCTACAACGA CACAACCC	21196
5299	UUGUGGCU G CUGAGAUG	4076	CATCTCAG GGCTAGCTACAACGA AGCCACAA	21197
5308	CUGAGAUG G CUGAAGCA	4077	TGCTTCAG GGCTAGCTACAACGA CATCTCAG	21198

		Ta	able VI	,
5314	UGGCUGAA G CACUGAGA	4078	TCTCAGTG GGCTAGCTACAACGA TTCAGCCA	21199
5328	AGAGGACU G CCCAUCCG	4079	CGGATGGG GGCTAGCTACAACGA AGTCCTCT	21200
5337	CCCAUCCG G UACCAGAC	4080	GTCTGGTA GGCTAGCTACAACGA CGGATGGG	21201
5350	AGACAUCC G CAGUGCCC	4081	GGGCACTG GGCTAGCTACAACGA GGATGTCT	21202
5353	CAUCCGCA G UGCCCAGA	4082	TCTGGGCA GGCTAGCTACAACGA TGCGGATG	21203
5355	UCCGCAGU G CCCAGAGA	4083	TCTCTGGG GGCTAGCTACAACGA ACTGCGGA	21204
5383	AUGAGAUU G UUGAUGUC	4084	GACATCAA GGCTAGCTACAACGA AATCTCAT	21205
5389	UUGUUGAU G UCAUGUGU	4085	ACACATGA GGCTAGCTACAACGA ATCAACAA	21206
5394	GAUGUCAU G UGUCAUGC	4086	GCATGACA GGCTAGCTACAACGA ATGACATC	21207
5396	UGUCAUGU G UCAUGCUA	4087	TAGCATGA GGCTAGCTACAACGA ACATGACA	21208
5401	UGUGUCAU G CUACCCUC	4088	GAGGGTAG GGCTAGCTACAACGA ATGACACA	21209
5418	ACCCACAG G CUGAUGUC	4089	GACATCAG GGCTAGCTACAACGA CTGTGGGT	21210
5424	AGGCUGAU G UCUCCUCA	4090	TGAGGAGA GGCTAGCTACAACGA ATCAGCCT	21211
5437	CUCACAGG G UGCCGAAC	4091	GTTCGGCA GGCTAGCTACAACGA CCTGTGAG	21212
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5454	UACAACCU G UUCGUGAU	4093	ATCACGAA GGCTAGCTACAACGA AGGTTGTA	21214
5458	ACCUGUUC G UGAUGGAU	4094	ATCCATCA GGCTAGCTACAACGA GAACAGGT	21215
5470	UGGAUGAG G CUCAUUUC	4095	GAAATGAG GGCTAGCTACAACGA CTCATCCA	21216
5488	CCGACCCA G CUAGCAUU	4096	AATGCTAG GGCTAGCTACAACGA TGGGTCGG	21217
5492	CCCAGCUA G CAUUGCAG	4097	CTGCAATG GGCTAGCTACAACGA TAGCTGGG	21218
5497	CUAGCAUU G CAGCAAGA	4098	TCTTGCTG GGCTAGCTACAACGA AATGCTAG	21219
5500	GCAUUGCA G CAAGAGGU	4099	ACCTCTTG GGCTAGCTACAACGA TGCAATGC	21220
5507	AGCAAGAG G UUACAUUU	4100	AAATGTAA GGCTAGCTACAACGA CTCTTGCT	21221
5524	CCACAAAG G UCGAGCUA	4101	TAGCTCGA GGCTAGCTACAACGA CTTTGTGG	21222
5529	AAGGUCGA G CUAGGGGA	4102	TCCCCTAG GGCTAGCTACAACGA TCGACCTT	21223
5539	UAGGGGAG G CGGCGGCA	4103	TGCCGCCG GGCTAGCTACAACGA CTCCCCTA	21224
5542	GGGAGGCG G CGGCAAUA	4104	TATTGCCG GGCTAGCTACAACGA CGCCTCCC	21225
5545	AGGCGGCG G CAAUAUUC	4105	GAATATTG GGCTAGCTACAACGA CGCCGCCT	21226
5560	UCAUGACA G CCACCCCA	4106	TGGGGTGG GGCTAGCTACAACGA TGTCATGA	21227
5573	CCCACCAG G CACUUCAG	4107	CTGAAGTG GGCTAGCTACAACGA CTGGTGGG	21228
5595	UUCCCAGA G UCCAAUUC	4108	GAATTGGA GGCTAGCTACAACGA TCTGGGAA	21229
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5694	ACGGUUUG G UUUGUGCC	4111	AAACCAAA GGCTAGCTACAACGA CGTCTTCC GGCACAAA GGCTAGCTACAACGA CAAACCGT	21231
5698	UUUGGUUU G UGCCUAGU	4112	ACTAGGCA GGCTAGCTACAACGA AAACCAAA	21232
5700	UGGUUUGU G CCUAGUGU	4113	ACACTAGG GGCTAGCTACAACGA ACAAACCA	21234
5705	UGUGCCUA G UGUCAAGA	4114	TCTTGACA GGCTAGCTACAACGA TAGGCACA	21235
5707	UGCCUAGU G UCAAGAUG	4115	CATCTTGA GGCTAGCTACAACGA ACTAGGCA	21236
5728	AUGAGAUU G CCCUUUGC	4116	GCAAAGGG GGCTAGCTACAACGA AATCTCAT	21237
5735	UGCCCUUU G CCUACAAC	4117	GTTGTAGG GGCTAGCTACAACGA AAAGGGCA	21238
5744	CCUACAAC G UGCUGGAA	4118	TTCCAGCA GGCTAGCTACAACGA GTTGTAGG	21239
5746	UACAACGU G CUGGAAAG	4119	CTTTCCAG GGCTAGCTACAACGA ACGTTGTA	21240
5758	GAAAGAAA G UAGUCCAA	4120	TTGGACTA GGCTAGCTACAACGA TTTCTTTC	21241
5761	AGAAAGUA G UCCAAUUG	4121	CAATTGGA GGCTAGCTACAACGA TACTTTCT	21242
5778	AACAGAAA G UCGUACGA	4122	TCGTACGA GGCTAGCTACAACGA TTTCTGTT	21243
5781	AGAAAGUC G UACGAGAC	4123	GTCTCGTA GGCTAGCTACAACGA GACTTTCT	21244
5793	GAGACGGA G UACCCAAA	4124	TTTGGGTA GGCTAGCTACAACGA TCCGTCTC	21245
5804	CCCAAAAU G UAAGAACG	4125	CGTTCTTA GGCTAGCTACAACGA ATTTTGGG	21246
5827	GGGACUUU G UUAUCACA	4126	TGTGATAA GGCTAGCTACAACGA AAAGTCCC	21247
5857	AAAUGGGG G CUAACUUC	4127	GAAGTTAG GGCTAGCTACAACGA CCCCATTT	21248
5869	ACUUCAAG G CGAGCAGG	4128	CCTGCTCG GGCTAGCTACAACGA CTTGAAGT	21249
5873	CAAGGCGA G CAGGGUGA	4129	TCACCCTG GGCTAGCTACAACGA TCGCCTTG	21250
5878	CGAGCAGG G UGAUUGAC	4130	GTCAATCA GGCTAGCTACAACGA CCTGCTCG	21251
5888	GAUUGACA G CCGGAAGA	4131	TCTTCCGG GGCTAGCTACAACGA TGTCAATC	21252
5897	CCGGAAGA G UGUGAAAC	4132	GTTTCACA GGCTAGCTACAACGA TCTTCCGG	21253
5899	GGAAGAGU G UGAAACCA	4133	TGGTTTCA GGCTAGCTACAACGA ACTCTTCC	21254
5935	AAGGGAGA G UGAUCCUG	4134	CAGGATCA GGCTAGCTACAACGA TCTCCCTT	21255
5956	AACCAUCU G CAGUGACA	4135	TGTCACTG GGCTAGCTACAACGA AGATGGTT	21256
5959	CAUCUGCA G UGACAGCA	4136	TGCTGTCA GGCTAGCTACAACGA TGCAGATG	21257
5965	CAGUGACA G CAGCUAGU	4137	ACTAGCTG GGCTAGCTACAACGA TGTCACTG	21258
5968	UGACAGCA G CUAGUGCC	4138	GGCACTAG GGCTAGCTACAACGA TGCTGTCA	21259
5972	AGCAGCUA G UGCCGCCC	4139	GGGCGGCA GGCTAGCTACAACGA TAGCTGCT	21260

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5974	CAGCUAGU G CCGCCCAG	4140	CTGGGCGG GGCTAGCTACAACGA ACTAGCTG	21261
5977	CUAGUGCC G CCCAGAGA	4141	TCTCTGGG GGCTAGCTACAACGA GGCACTAG	21262
5987	CCAGAGAC G UGGACGUA	4142	TACGTCCA GGCTAGCTACAACGA GTCTCTGG	21263
5993	ACGUGGAC G UAUCGGUA	4143	TACCGATA GGCTAGCTACAACGA GTCCACGT	21264
5999	ACGUAUCG G UAGAAAUC	4144	GATTTCTA GGCTAGCTACAACGA CGATACGT	21265
6009	AGAAAUCC G UCGCAAGU	4145	ACTTGCGA GGCTAGCTACAACGA GGATTTCT	
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6012	AAUCCGUC G CAAGUUGG	4146	CCAACTTG GGCTAGCTACAACGA GACGGATT	21267
6016	CGUCGCAA G UUGGUGAU	4147	ATCACCAA GGCTAGCTACAACGA TTGCGACG	21268
6020	GCAAGUUG G UGAUGAGU	4148	ACTCATCA GGCTAGCTACAACGA CAACTTGC	21269
6027	GGUGAUGA G UACUGUUA	4149	TAACAGTA GGCTAGCTACAACGA TCATCACC	21270
6032	UGAGUACU G UUAUGGGG	4150	CCCCATAA GGCTAGCTACAACGA AGTACTCA	21271
6042	UAUGGGG G CACACGAA	4151	TTCGTGTG GGCTAGCTACAACGA CCCCCATA	21272
6070	CGAACUUC G CCCAUUGG	4152	CCAATGGG GGCTAGCTACAACGA GAAGTTCG	
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6085	GGACUGAG G CACGAAUC	4153	GATTCGTG GGCTAGCTACAACGA CTCAGTCC	21274
6096	CGAAUCAU G CUGGACAA	4154	TTGTCCAG GGCTAGCTACAACGA ATGATTCG	21275
6114	AUCAACAU G CCAAACGG	4155	CCGTTTGG GGCTAGCTACAACGA ATGTTGAT	21276
6130	GACUGAUC G CUCAAUUC	4156	GAATTGAG GGCTAGCTACAACGA GATCAGTC	21277
6150	CAACCAGA G CGUGAGAA	4157	TTCTCACG GGCTAGCTACAACGA TCTGGTTG	21278
6152	ACCAGAGC G UGAGAAGG	4158	CCTTCTCA GGCTAGCTACAACGA GCTCTGGT	21279
6160	GUGAGAAG G UAUAUACC	4159	GGTATATA GGCTAGCTACAACGA CTTCTCAC	21280
6186	GAAUACCG G CUCAGAGG	4160	CCTCTGAG GGCTAGCTACAACGA CGGTATTC	
6222				21281
	CUGGAACU G UUGAGGAC	4161	GTCCTCAA GGCTAGCTACAACGA AGTTCCAG	21282
6232	UGAGGACU G CAGAUCUG	4162	CAGATCTG GGCTAGCTACAACGA AGTCCTCA	21283
6240	GCAGAUCU G CCAGUUUG	4163	CAAACTGG GGCTAGCTACAACGA AGATCTGC	21284
6244	AUCUGCCA G UUUGGCUG	4164	CAGCCAAA GGCTAGCTACAACGA TGGCAGAT	21285
6249	CCAGUUUG G CUGGCUUA	4165	TAAGCCAG GGCTAGCTACAACGA CAAACTGG	21286
6253	UUUGGCUG G CUUACAAG	4166	CTTGTAAG GGCTAGCTACAACGA CAGCCAAA	21287
6262	CUUACAAG G UUGCAGCG	4167	CGCTGCAA GGCTAGCTACAACGA CTTGTAAG	21288
6265	ACAAGGUU G CAGCGGCU	4168	AGCCGCTG GGCTAGCTACAACGA AACCTTGT	21289
6268	AGGUUGCA G CGGCUGGA	4169	<u> </u>	
			TCCAGCCG GGCTAGCTACAACGA TGCAACCT	21290
6271	UUGCAGCG G CUGGAGUG	4170	CACTCCAG GGCTAGCTACAACGA CGCTGCAA	21291
6277	CGGCUGGA G UGUCAUAC	4171	GTATGACA GGCTAGCTACAACGA TCCAGCCG	21292
6279	GCUGGAGU G UCAUACCA	4172	TGGTATGA GGCTAGCTACAACGA ACTCCAGC	21293
6297	GACCGGAG G UGGUGCUU	4173	AAGCACCA GGCTAGCTACAACGA CTCCGGTC	21294
6300	CGGAGGUG G UGCUUUGA	4174	TCAAAGCA GGCTAGCTACAACGA CACCTCCG	21295
6302	GAGGUGGU G CUUUGAUG	4175	CATCAAAG GGCTAGCTACAACGA ACCACCTC	21296
6311	CUUUGAUG G UCCUAGGA	4176	TCCTAGGA GGCTAGCTACAACGA CATCAAAG	21297
6349	ACAACGAA G UGGAAGUC	4177	GACTTCCA GGCTAGCTACAACGA TTCGTTGT	
6355	AAGUGGAA G UCAUCACG	 		21298
		4178	CGTGATGA GGCTAGCTACAACGA TTCCACTT	21299
6366	AUCACGAA G CUUGGUGA	4179	TCACCAAG GGCTAGCTACAACGA TTCGTGAT	21300
6371	GAAGCUUG G UGAAAGGA	4180	TCCTTTCA GGCTAGCTACAACGA CAAGCTTC	21301
6390	AUUCUGAG G CCGCGCUG	4181	CAGCGCGG GGCTAGCTACAACGA CTCAGAAT	21302
6393	CUGAGGCC G CGCUGGAU	4182	ATCCAGCG GGCTAGCTACAACGA GGCCTCAG	21303
6395	GAGGCCGC G CUGGAUUG	4183	CAATCCAG GGCTAGCTACAACGA GCGGCCTC	21304
6406	GGAUUGAC G CCAGGGUG	4184	CACCCTGG GGCTAGCTACAACGA GTCAATCC	21305
6412	ACGCCAGG G UGUACUCG	4185	CGAGTACA GGCTAGCTACAACGA CCTGGCGT	21306
6414	GCCAGGGU G UACUCGGA	4186	TCCGAGTA GGCTAGCTACAACGA ACCCTGGC	21303
6430	AUCACCAG G CACUAAAG			
		4187	CTTTAGTG GGCTAGCTACAACGA CTGGTGAT	21308
6439	CACUAAAG G CGUUCAAG	4188	CTTGAACG GGCTAGCTACAACGA CTTTAGTG	21309
6441	CUAAAGGC G UUCAAGGA	4189	TCCTTGAA GGCTAGCTACAACGA GCCTTTAG	21310
6454	AGGACUUC G CCUCGGGA	4190	TCCCGAGG GGCTAGCTACAACGA GAAGTCCT	21311
6467	GGGAAAAC G UUCUCAGA	4191	TCTGAGAA GGCTAGCTACAACGA GTTTTCCC	21312
6480	CAGAUAGG G CUCAUUGA	4192	TCAATGAG GGCTAGCTACAACGA CCTATCTG	21313
6490	UCAUUGAG G UUCUGGGA	4193	TCCCAGAA GGCTAGCTACAACGA CTCAATGA	21314
6504	GGAAAGAU G CCUGAGCA	4194	TGCTCAGG GGCTAGCTACAACGA ATCTTTCC	21315
6510	AUGCCUGA G CACUUCAU	4195	ATGAAGTG GGCTAGCTACAACGA TCAGGCAT	
6535	CAUGGGAA G CACUUGAC			21316
		4196	GTCAAGTG GGCTAGCTACAACGA TTCCCATG	21317
6549	GACACCAU G UACGUUGU	4197	ACAACGTA GGCTAGCTACAACGA ATGGTGTC	21318
6553	CCAUGUAC G UUGUGGCC	4198	GGCCACAA GGCTAGCTACAACGA GTACATGG	21319
6556	UGUACGUU G UGGCCACU	4199	AGTGGCCA GGCTAGCTACAACGA AACGTACA	21320
6559	ACGUUGUG G CCACUGCA	4200	TGCAGTGG GGCTAGCTACAACGA CACAACGT	21321
6565	UGGCCACU G CAGAGAAA	4201	TTTCTCTG GGCTAGCTACAACGA AGTGGCCA	21322

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6583	GAGGAAGA G CUCACAGA	4202	TCTGTGAG GGCTAGCTACAACGA TCTTCCTC	21323
6595	ACAGAAUG G CCCUGGAG	4203	CTCCAGGG GGCTAGCTACAACGA CATTCTGT	21324
6609	GAGGAACU G CCAGAUGC	4204	GCATCTGG GGCTAGCTACAACGA AGTTCCTC	21325
6616	UGCCAGAU G CUCUUCAG	4205	CTGAAGAG GGCTAGCTACAACGA ATCTGGCA	21326
6631	AGACAAUU G CCUUGAUU	4206	AATCAAGG GGCTAGCTACAACGA AATTGTCT	21327
6640	CCUUGAUU G CCUUAUUG	4207	CAATAAGG GGCTAGCTACAACGA AATCAAGG	21328
6650	CUUAUUGA G UGUGAUGA	4208	TCATCACA GGCTAGCTACAACGA TCAATAAG	21329
6652	UAUUGAGU G UGAUGACC	4209	GGTCATCA GGCTAGCTACAACGA ACTCAATA	21330
6667	CCAUGGGA G UAUUCUUC	4210	GAAGAATA GGCTAGCTACAACGA TCCCATGG	21331
6684	CUCCUCAU G CAGCGGAA	4211	TTCCGCTG GGCTAGCTACAACGA ATGAGGAG	21332
6687	CUCAUGCA G CGGAAGGG	4212	CCCTTCCG GGCTAGCTACAACGA TGCATGAG	21333
6695	GCGGAAGG G CAUUGGAA	4213	TTCCAATG GGCTAGCTACAACGA CCTTCCGC	21334
6710	AAAGAUAG G UUUGGGAG	4214	CTCCCAAA GGCTAGCTACAACGA CTATCTTT	21335
6719	UUUGGAG G CGCUGUCU	4215	AGACAGCG GGCTAGCTACAACGA CTCCCAAA	21336
6721	UGGGAGGC G CUGUCUUG	4216	CAAGACAG GGCTAGCTACAACGA CCCCCCAAA	
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6724	GAGGCGCU G UCUUGGGA		TCCCAAGA GGCTAGCTACAACGA AGCGCCTC	21338
6733	UCUUGGGA G UCGCGACC	4218	GGTCGCGA GGCTAGCTACAACGA TCCCAAGA	21339
6736	UGGGAGUC G CGACCUUU	4219	AAAGGTCG GGCTAGCTACAACGA GACTCCCA	21340
6749	CUUUUUCU G UUGGAUGG	4220	CCATCCAA GGCTAGCTACAACGA AGAAAAAG	21341
6757	GUUGGAUG G CUGAAGUU	4221	AACTTCAG GGCTAGCTACAACGA CATCCAAC	21342
6763	UGGCUGAA G UUCCAGGA	4222	TCCTGGAA GGCTAGCTACAACGA TTCAGCCA	21343
6781	CGAAGAUC G CCGGAAUG	4223	CATTCCGG GGCTAGCTACAACGA GATCTTCG	21344
6789	GCCGGAAU G UUGCUGCU	4224	AGCAGCAA GGCTAGCTACAACGA ATTCCGGC	21345
6792	GGAAUGUU G CUGCUCUC	4225	GAGAGCAG GGCTAGCTACAACGA AACATTCC	21346
6795	AUGUUGCU G CUCUCCCU	4226	AGGGAGAG GGCTAGCTACAACGA AGCAACAT	21347
6817	UGAUGAUU G UGCUAAUU	4227	AATTAGCA GGCTAGCTACAACGA AATCATCA	21348
6819	AUGAUUGU G CUAAUUCC	4228	GGAATTAG GGCTAGCTACAACGA ACAATCAT	21349
6831	AUUCCUGA G CCAGAGAA	4229	TTCTCTGG GGCTAGCTACAACGA TCAGGAAT	21350
6840	CCAGAGAA G CAACGUUC	4230	GAACGTTG GGCTAGCTACAACGA TTCTCTGG	21351
6845	GAAGCAAC G UUCGCAGA	4231	TCTGCGAA GGCTAGCTACAACGA GTTGCTTC	21352
6849	CAACGUUC G CAGACAGA	4232	TCTGTCTG GGCTAGCTACAACGA GAACGTTG	21353
6864	GACAACCA G CUAGCCGU	4233	ACGGCTAG GGCTAGCTACAACGA TGGTTGTC	21354
6868	ACCAGCUA G CCGUGUUC	4234	GAACACGG GGCTAGCTACAACGA TAGCTGGT	21355
6871	AGCUAGCC G UGUUCCUG	4235	CAGGAACA GGCTAGCTACAACGA GGCTAGCT	21356
6873	CUAGCCGU G UUCCUGAU	4236	ATCAGGAA GGCTAGCTACAACGA ACGGCTAG	21357
6884	CCUGAUUU G UGUCAUGA	4237	TCATGACA GGCTAGCTACAACGA AAATCAGG	21358
6886	UGAUUUGU G UCAUGACC	4238	GGTCATGA GGCTAGCTACAACGA ACAAATCA	21359
6898	UGACCCUU G UGAGCGCA	4239	TGCGCTCA GGCTAGCTACAACGA AAGGGTCA	21360
6902	CCUUGUGA G CGCAGUGG	4240	CCACTGCG GGCTAGCTACAACGA TCACAAGG	21361
6904	UUGUGAGC G CAGUGGCA	4241	TGCCACTG GGCTAGCTACAACGA GCTCACAA	21362
6907	UGAGCGCA G UGGCAGCC	4242	GGCTGCCA GGCTAGCTACAACGA TGCGCTCA	21363
6910	GCGCAGUG G CAGCCAAC	4243	GTTGGCTG GGCTAGCTACAACGA CACTGCGC	21364
6913 6926	CAGUGGCA G CCAACGAG	4244	CTCGTTGG GGCTAGCTACAACGA TGCCACTG	21365
6930	CGAGAUGG G UUGGCUAG AUGGGUUG G CUAGAUAA	4245	CTAGCCAA GGCTAGCTACAACGA CCATCTCG	21366
		4246	TTATCTAG GGCTAGCTACAACGA CAACCCAT	21367
6947	GACCAAGA G UGACAUAA	4247	TTATGTCA GGCTAGCTACAACGA TCTTGGTC	21368
6956	UGACAUAA G CAGUUUGU CAUAAGCA G UUUGUUUG	4248	ACAAACTG GGCTAGCTACAACGA TTATGTCA	21369
6959 6963		4249	CAAACAAA GGCTAGCTACAACGA TGCTTATG	21370
	AGCAGUUU G UUUGGGCA	4250	TGCCCAAA GGCTAGCTACAACGA AAACTGCT	21371
6969 6982	UUGUUUGG G CAAAGAAU GAAUUGAG G UCAAGGAG	4251	ATTCTTTG GGCTAGCTACAACGA CCAAACAA	21372
6998	GAAUUUCA G CAUGGGAG	4252	CTCCTTGA GGCTAGCTACAACGA CTCAATTC CTCCCATG GGCTAGCTACAACGA TGAAATTC	21373
7008	AUGGGAGA G UUUCUUUU	4253		21374
7026	GACUUGAG G CCGGCAAC	4254	AAAAGAAA GGCTAGCTACAACGA TCTCCCAT GTTGCCGG GGCTAGCTACAACGA CTCAAGTC	21375
7026	UGAGGCCG G CAACAGCC	4255	GGCTGTTG GGCTAGCTACAACGA CTCAAGTC	21376
7036	CGGCAACA G CCUGGUCA	4256		21377
7036	ACAGCCUG G UCACUGUA	4257	TGACCAGG GGCTAGCTAGAACGA TGTTGCCG	21378
7041	UGGUCACU G UACGCUGU	4258	TACAGTGA GGCTAGCTAGACGA CAGGCTGT	21379
7051	CACUGUAC G CUGUGACA	4259	ACAGCGTA GGCTAGCTACAACGA AGTGACCA	21380
		4260	TGTCACAG GGCTAGCTACAACGA GTACAGTG	21381
7054	UGUACGCU G UGACAACA UGACAACA G CGGUCCUC	4261	TGTTGTCA GGCTAGCTACAACGA AGCGTACA	21382
7063	CAACAGCG G UCCUCACU	4262	GAGGACCG GGCTAGCTACAACGA TGTTGTCA	21383
1000	CAACAGEG & DECUCACO	4263	AGTGAGGA GGCTAGCTACAACGA CGCTGTTG	21384

7000	ACUCCACU G CUAAAGCA	4264	TGCTTTAG GGCTAGCTACAACGA AGTGGAGT	21385
7080	CUGCUAAA G CAUUUGAU	4264	ATCAAATG GGCTAGCTACAACGA TTTAGCAG	21386
	UUGAUCAC G UCAGAUUA	4266	TAATCTGA GGCTAGCTACAACGA GTGATCAA	21387
7098	CAAUAAAC G UUCAGGCA	4267	TGCCTGAA GGCTAGCTACAACGA GTTTATTG	
7135	ACGUICAG G CAAGUGCA	4268	TGCACTTG GGCTAGCTACAACGA CTGAACGT	21388
7141	UCAGGCAA G UGCACUAU		ATAGTGCA GGCTAGCTACAACGA TTGCCTGA	21399
7145		4269		
7147	AGGCAAGU G CACUAUUC	4270	GAATAGTG GGCTAGCTACAACGA ACTTGCCT	21391
7162	UCACACUC G CGCGAGGC	4271	GCCTCGCG GGCTAGCTACAACGA GAGTGTGA	21392
7164	ACACUCGC G CGAGGCUU	4272	AAGCCTCG GGCTAGCTACAACGA GCGAGTGT	21393
7169	CGCGCGAG G CUUCCCCU	4273	AGGGGAAG GGCTAGCTACAACGA CTCGCGCG	21394
7180	UCCCCUUC G UCGAUGUU	4274	AACATCGA GGCTAGCTACAACGA GAAGGGGA	21395
7186	UCGUCGAU G UUGGAGUG	4275	CACTCCAA GGCTAGCTACAACGA ATCGACGA	21396
7192	AUGUUGGA G UGUCGGCU	4276	AGCCGACA GGCTAGCTACAACGA TCCAACAT	21397
7194	GUUGGAGU G UCGGCUCU	4277	AGAGCCGA GGCTAGCTACAACGA ACTCCAAC CAGGAGAG GGCTAGCTACAACGA CGACACTC	21398
7198	GAGUGUCG G CUCUCCUG	4278		21399
7206	GCUCUCCU G CUAGCAGC	4279	GCTGCTAG GGCTAGCTACAACGA AGGAGAGC	21400
7210	UCCUGCUA G CAGCCGGA	4280	TCCGGCTG GGCTAGCTACAACGA TAGCAGGA	21401
7213	UGCUAGCA G CCGGAUGC	4281	GCATCCGG GGCTAGCTACAACGA TGCTAGCA GTCCCCAG GGCTAGCTACAACGA ATCCGGCT	21402
7220	AGCCGGAU G CUGGGGAC	4282		21403
7231	GGGGACAA G UCACCCUC CCCUCACC G UUACGGUA	4283	GAGGGTGA GGCTAGCTACAACGA TTGTCCCC TACCGTAA GGCTAGCTACAACGA GGTGAGGG	21404
7243	CCGUUACG G UAACAGCG	4284	CGCTGTTA GGCTAGCTACAACGA CGTAACGG	21405
7255	CGGUACG G UAACAGCG CGGUAACA G CGGCAACA	4285	TGTTGCCG GGCTAGCTACAACGA TGTTACCG	21406
7258	UAACAGCG G CAACACUC	4287	GAGTGTTG GGCTAGCTACAACGA CGCTGTTA	21407
7274	CCUUUUUU G CCACUAUG	4288	CATAGTGG GGCTAGCTACAACGA AAAAAAGG	21409
7282	GCCACUAU G CCUACAUG	4289	CATGTAGG GGCTAGCTACAACGA ATAGTGGC	21410
7291	CCUACAUG G UUCCCGGU	4290	ACCGGGAA GGCTAGCTACAACGA CATGTAGG	21411
7298	GGUUCCCG G UUGGCAAG	4291	CTTGCCAA GGCTAGCTACAACGA CGGGAACC	21412
7302	CCCGGUUG G CAAGCUGA	4292	TCAGCTTG GGCTAGCTACAACGA CAACCGGG	21413
7306	GUUGGCAA G CUGAGGCA	4293	TGCCTCAG GGCTAGCTACAACGA TTGCCAAC	21414
7312	AAGCUGAG G CAAUGCGC	4294	GCGCATTG GGCTAGCTACAACGA CTCAGCTT	21415
7317	GAGGCAAU G CGCUCAGC	4295	GCTGAGCG GGCTAGCTACAACGA ATTGCCTC	21416
7319	GGCAAUGC G CUCAGCCC	4296	GGGCTGAG GGCTAGCTACAACGA GCATTGCC	21417
7324	UGCGCUCA G CCCAGCGG	4297	CCGCTGGG GGCTAGCTACAACGA TGAGCGCA	21418
7329	UCAGCCCA G CGGCGGAC	4298	GTCCGCCG GGCTAGCTACAACGA TGGGCTGA	21419
7332	GCCCAGCG G CGGACAGC	4299	GCTGTCCG GGCTAGCTACAACGA CGCTGGGC	21420
7339	GGCGGACA G CGGCCGGA	4300	TCCGGCCG GGCTAGCTACAACGA TGTCCGCC	21421
7342	GGACAGCG G CCGGAAUC	4301	GATTCCGG GGCTAGCTACAACGA CGCTGTCC	21422
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7363	AGAACGCU G UAGUGGAU	4303	ATCCACTA GGCTAGCTACAACGA AGCGTTCT	21424
7366	ACGCUGUA G UGGAUGGC	4304	GCCATCCA GGCTAGCTACAACGA TACAGCGT	21425
7373	AGUGGAUG G CAUCGUGG	4305	CCACGATG GGCTAGCTACAACGA CATCCACT	21426
7378	AUGGCAUC G UGGCCACG	4306	CGTGGCCA GGCTAGCTACAACGA GATGCCAT	21427
7381	GCAUCGUG G CCACGGAC	4307	GTCCGTGG GGCTAGCTACAACGA CACGATGC	21428
7390	CCACGGAC G UCCCAGAA	4308	TTCTGGGA GGCTAGCTACAACGA GTCCGTGG	21429
7404	GAAUUAGA G CGCACCAC	4309	GTGGTGCG GGCTAGCTACAACGA TCTAATTC	21430
7406	AUUAGAGC G CACCACAC	4310	GTGTGGTG GGCTAGCTACAACGA GCTCTAAT	21431
7422	CCCAUCAU G CAGAAGAA	4311	TTCTTCTG GGCTAGCTACAACGA ATGATGGG	21432
7432	AGAAGAAA G UUGGACAG	4312	CTGTCCAA GGCTAGCTACAACGA TTTCTTCT	21433
7446	CAGAUCAU G CUGAUCUU	4313	AAGATCAG GGCTAGCTACAACGA ATGATCTG	21434
7456	UGAUCUUG G UGUCUCUA	4314	TAGAGACA GGCTAGCTACAACGA CAAGATCA	21435
7458	AUCUUGGU G UCUCUAGC	4315	GCTAGAGA GGCTAGCTACAACGA ACCAAGAT	21436
7465	UGUCUCUA G CUGCAGUA	4316	TACTGCAG GGCTAGCTACAACGA TAGAGACA	21437
7468	CUCUAGCU G CAGUAGUA	4317	TACTACTG GGCTAGCTACAACGA AGCTAGAG	21438
7471	UAGCUGCA G UAGUAGUG	4318	CACTACTA GGCTAGCTACAACGA TGCAGCTA	21439
7474	CUGCAGUA G UAGUGAAC	4319	GTTCACTA GGCTAGCTACAACGA TACTGCAG	21440
7477	CAGUAGUA G UGAACCCG	4320	CGGGTTCA GGCTAGCTACAACGA TACTACTG	21441
7485	GUGAACCC G UCUGUGAA	4321	TTCACAGA GGCTAGCTACAACGA GGGTTCAC	21442
7489	ACCCGUCU G UGAAGACA	4322	TGTCTTCA GGCTAGCTACAACGA AGACGGGT	21443
7498	UGAAGACA G UACGAGAA	4323	TTCTCGTA GGCTAGCTACAACGA TGTCTTCA	21444
7507	UACGAGAA G CCGGAAUU	4324	AATTCCGG GGCTAGCTACAACGA TTCTCGTA	21445
7525	UGAUCACG G CCGCAGCG	4325	CGCTGCGG GGCTAGCTACAACGA CGTGATCA	21446
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7528	UCACGGCC G CAGCGGUG	4326	CACCGCTG GGCTAGCTACAACGA GGCCGTGA	21447
7531	CGGCCGCA G CGGUGACG	4327	CGTCACCG GGCTAGCTACAACGA TGCGGCCG	21448
7534	CCGCAGCG G UGACGCUU	4328	AAGCGTCA GGCTAGCTACAACGA CGCTGCGG	21449
7539	GCGGUGAC G CUUUGGGA	4329	TCCCAAAG GGCTAGCTACAACGA GTCACCGC	21450
7555	AGAAUGGA G CAAGCUCU	4330	AGAGCTTG GGCTAGCTACAACGA TCCATTCT	21451
7559	UGGAGCAA G CUCUGUUU	4331	AAACAGAG GGCTAGCTACAACGA TTGCTCCA	21452
7564	CAAGCUCU G UUUGGAAC	4332	GTTCCAAA GGCTAGCTACAACGA AGAGCTTG	21453
7573	UUUGGAAC G CAACAACU	4333	AGTTGTTG GGCTAGCTACAACGA GTTCCAAA	21454
7582	CAACAACU G CCAUCGGA	4334	TCCGATGG GGCTAGCTACAACGA AGTTGTTG	21455
7595	CGGACUCU G CCACAUCA	4335	TGATGTGG GGCTAGCTACAACGA AGAGTCCG	21456
7605	CACAUCAU G CGUGGGGG	4336	CCCCCACG GGCTAGCTACAACGA ATGATGTG	21457
7607	CAUCAUGC G UGGGGGUU	4337	AACCCCCA GGCTAGCTACAACGA GCATGATG	21458
7613	GCGUGGGG G UUGGUUGU	4338	ACAACCAA GGCTAGCTACAACGA CCCCACGC	21459
7617	GGGGGUUG G UUGUCAUG	4339	CATGACAA GGCTAGCTACAACGA CAACCCCC	21460
7620	GGUUGGUU G UCAUGUCU	4340	AGACATGA GGCTAGCTACAACGA AACCAACC	21461
7625	GUUGUCAU G UCUAUCCA	4341	TGGATAGA GGCTAGCTACAACGA ATGACAAC	21462
7682	AAAAAGAG G UGGGGCAA	4342	TTGCCCCA GGCTAGCTACAACGA CTCTTTTT	21463
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7697	AAAAGGAC G CACCUUGG	4344	CCAAGGTG GGCTAGCTACAACGA GTCCTTTT	21465
7711	UGGGAGAG G UUUGGAAA	4345	TTTCCAAA GGCTAGCTACAACGA CTCTCCCA	21466
7749	AAAGAAGA G UUCACUAG	4346	CTAGTGAA GGCTAGCTACAACGA TCTTCTTT	21467
7758	UUCACUAG G UACCGCAA	4347	TTGCGGTA GGCTAGCTACAACGA CTAGTGAA	21468
7763	UAGGUACC G CAAAGAGG	4348	CCTCTTTG GGCTAGCTACAACGA GGTACCTA	21469
7771	GCAAAGAG G CCAUCAUC	4349	GATGATGG GGCTAGCTACAACGA CTCTTTGC	21470
7783	UCAUCGAA G UCGAUCGC	4350	GCGATCGA GGCTAGCTACAACGA TTCGATGA	21471
7790	AGUCGAUC G CUCAGCGG	4351	CCGCTGAG GGCTAGCTACAACGA GATCGACT	21472
7795	AUCGCUCA G CGGCAAAA	4352	TTTTGCCG GGCTAGCTACAACGA TGAGCGAT	21473
7798	GCUCAGCG G CAAAACAC	4353	GTGTTTTG GGCTAGCTACAACGA CGCTGAGC	21474
7807	CAAAACAC G CCAGGAAA	4354	TTTCCTGG GGCTAGCTACAACGA GTGTTTTG	21475
7820	GAAAGAAG G CAAUGUCA	4355	TGACATTG GGCTAGCTACAACGA CTTCTTTC	21476
7825	AAGGCAAU G UCACUGGA	4356	TCCAGTGA GGCTAGCTACAACGA ATTGCCTT	21477
7836	ACUGGAGG G CAUCCAGU	4357	ACTGGATG GGCTAGCTACAACGA CCTCCAGT	21478
7843	GGCAUCCA G UCUCUAGG	4358	CCTAGAGA GGCTAGCTACAACGA TGGATGCC	21479
7853	CUCUAGGG G CACAGCAA	4359	TTGCTGTG GGCTAGCTACAACGA CCCTAGAG	21480
7858	GGGGCACA G CAAAACUG	4360	CAGTTTTG GGCTAGCTACAACGA TGTGCCCC	21481
7872	CUGAGAUG G CUGGUCGA	4361	TCGACCAG GGCTAGCTACAACGA CATCTCAG	21482
7876	GAUGGCUG G UCGAACGG	4362	CCGTTCGA GGCTAGCTACAACGA CAGCCATC	21483
7887	GAACGGAG G UUUCUCGA	4363	TCGAGAAA GGCTAGCTACAACGA CTCCGTTC	21484
7900	UCGAACCG G UCGGAAAA	4364	TTTTCCGA GGCTAGCTACAACGA CGGTTCGA	21485
7909	UCGGAAAA G UGAUUGAC	4365	GTCAATCA GGCTAGCTACAACGA TTTTCCGA	21486
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7941	GGCGGUUG G UGUUACUA	4369	TAGTAACA GGCTAGCTACAACGA CAACCGCC	21490
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7986	GUCAGAGG G UACACAAA	4374	TTTGTGTA GGCTAGCTACAACGA CCTCTGAC	21495
7997	CACAAAGG G CGGUCCCG	4375	CGGGACCG GGCTAGCTACAACGA CCTTTGTG	21496
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8016	CAUGAAGA G CCCCAACU	4377	AGTTGGGG GGCTAGCTACAACGA TCTTCATG	21498
8026	CCCAACUA G UGCAAAGU	4378	ACTTTGCA GGCTAGCTACAACGA TAGTTGGG	21499
8028	CAACUAGU G CAAAGUUA	4379	TAACTTTG GGCTAGCTACAACGA ACTAGTTG	21500
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8050	GGAACAUU G UCACCAUG	4381	CATGGTGA GGCTAGCTACAACGA AATGTTCC	21502
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8068	AGAGUGGA G UGGAUGUG	4383	CACATCCA GGCTAGCTACAACGA TCCACTCT	21504
8074	GAGUGGAU G UGUUCUAC	4384	GTAGAACA GGCTAGCTACAACGA ATCCACTC	21505
8076	GUGGAUGU G UUCUACAG	4385	CTGTAGAA GGCTAGCTACAACGA ACATCCAC	21506
8094	CCUUCUGA G UGUUGUGA	4386	TCACAACA GGCTAGCTACAACGA TCAGAAGG	21507
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8114	CCUCCUUU G UGACAUCG	4389	CGATGTCA GGCTAGCTACAACGA AAAGGAGG	21510
8127	AUCGGAGA G UCCUCGUC	4390	GACGAGGA GGCTAGCTACAACGA TCTCCGAT	21511
8133	GAGUCCUC G UCAAGUGC	4391	GCACTTGA GGCTAGCTACAACGA GAGGACTC	21512
8138	CUCGUCAA G UGCUGAGG	4392	CCTCAGCA GGCTAGCTACAACGA TTGACGAG	
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8146	GUGCUGAG G UUGAAGAG	4394	CTCTTCAA GGCTAGCTACAACGA CTCAGCAC	21515
8154	GUUGAAGA G CAUAGGAC	4395	GTCCTATG GGCTAGCTACAACGA TCTTCAAC	21516
8170	CGAUUCGG G UCCUUGAA	4396	TTCAAGGA GGCTAGCTACAACGA CCGAATCG	21517
8182	UUGAAAUG G UUGAGGAC	4397	GTCCTCAA GGCTAGCTACAACGA CATTTCAA	21518
8193	GAGGACUG G CUGCACCG	4398	CGGTGCAG GGCTAGCTACAACGA CAGTCCTC	21519
8196	GACUGGCU G CACCGAGG	4399	CCTCGGTG GGCTAGCTACAACGA AGCCAGTC	21520
8205	CACCGAGG G CCAAGGGA	4400	TCCCTTGG GGCTAGCTACAACGA CCTCGGTG	21521
8219	GGAAUUUU G CGUGAAGG	4401	CCTTCACG GGCTAGCTACAACGA AAAATTCC	21522
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8227	GCGUGAAG G UGCUCUGC	4403	GCAGAGCA GGCTAGCTACAACGA CTTCACGC	21524
8229	GUGAAGGU G CUCUGCCC	4404	GGGCAGAG GGCTAGCTACAACGA ACCTTCAC	21525
8234	GGUGCUCU G CCCCUACA	4405	TGTAGGGG GGCTAGCTACAACGA AGAGCACC	21526
8244	CCCUACAU G CCGAAAGU	<b></b>		<del></del>
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8268	AAGAUGGA G CUGCUCCA	4408	TGGAGCAG GGCTAGCTACAACGA TCCATCTT	21529
8271	AUGGAGCU G CUCCAACG	4409	CGTTGGAG GGCTAGCTACAACGA AGCTCCAT	21530
8279	GCUCCAAC G CCGGUAUG	4410	CATACCGG GGCTAGCTACAACGA GTTGGAGC	21531
8283	CAACGCCG G UAUGGGGG	4411	CCCCCATA GGCTAGCTACAACGA CGGCGTTG	21532
8299	GGGGACUG G UCAGAAAC	4412	GTTTCTGA GGCTAGCTACAACGA CAGTCCCC	21533
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8337	CACGAGAU G UAUUGGGU	4414	ACCCAATA GGCTAGCTACAACGA ATCTCGTG	21535
8344	UGUAUUGG G UGAGUCGA	4415	TCGACTCA GGCTAGCTACAACGA CCAATACA	21536
8348	UUGGGUGA G UCGAGCUU	4416	AAGCTCGA GGCTAGCTACAACGA TCACCCAA	21537
8353	UGAGUCGA G CUUCAGGC	4417	GCCTGAAG GGCTAGCTACAACGA TCGACTCA	21538
8360	AGCUUCAG G CAAUGUGG	4418	CCACATTG GGCTAGCTACAACGA CTGAAGCT	21539
8365	CAGGCAAU G UGGUACAU	4419	ATGTACCA GGCTAGCTACAACGA ATTGCCTG	21540
8368	GCAAUGUG G UACAUUCA	4420	TGAATGTA GGCTAGCTACAACGA CACATTGC	
8377	UACAUUCA G UGAAUAUG			21541
		4421	CATATTCA GGCTAGCTACAACGA TGAATGTA	21542
8390	UAUGACCA G CCAGGUGC	4422	GCACCTGG GGCTAGCTACAACGA TGGTCATA	21543
8395	CCAGCCAG G UGCUCCUA	4423	TAGGAGCA GGCTAGCTACAACGA CTGGCTGG	21544
8397	AGCCAGGU G CUCCUAGG	4424	CCTAGGAG GGCTAGCTACAACGA ACCTGGCT	21545
8452	AGGAAGAU G UAAACUUG	4425	CAAGTTTA GGCTAGCTACAACGA ATCTTCCT	21546
8465	CUUGGGAA G UGGAACCA	4426	TGGTTCCA GGCTAGCTACAACGA TTCCCAAG	21547
8476	GAACCAGG G CGGUGGGA	4427	TCCCACCG GGCTAGCTACAACGA CCTGGTTC	21548
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8493	AAACCCCU G CUCAACUC	4429	GAGTTGAG GGCTAGCTACAACGA AGGGGTTT	21550
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8541	CGACUCAG G CGUGAGUA	4431	TACTCACG GGCTAGCTACAACGA CTGAGTCG	21552
8543	ACUCAGGC G UGAGUACA	4432	TGTACTCA GGCTAGCTACAACGA GCCTGAGT	21553
8547	AGGCGUGA G UACAGUUC	4433	GAACTGTA GGCTAGCTACAACGA TCACGCCT	21554
8552	UGAGUACA G UUCGACGU	4434	ACGTCGAA GGCTAGCTACAACGA TGTACTCA	21555
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	UCGACGUG G CACCACGA	4436	TCGTGGTG GGCTAGCTACAACGA CACGTCGA	21557
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B622	GAUGUGAA G CCCACAGG	4440	CCTGTGGG GGCTAGCTACAACGA TTCACATC	21561
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8635	CAGGCUCC G CCAGUUCG	4442	CGAACTGG GGCTAGCTACAACGA GGAGCCTG	21563
8639	CUCCGCCA G UUCGCUGG	4443	CCAGCGAA GGCTAGCTACAACGA TGGCGGAG	21564
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8647	GUUCGCUG G UCAAUGGA	4445	TCCATTGA GGCTAGCTACAACGA CAGCGAAC	21566
8656	UCAAUGGA G UGGUCAGG	4446	CCTGACCA GGCTAGCTACAACGA TCCATTGA	21567
8659	AUGGAGUG G UCAGGCUC	4447	GAGCCTGA GGCTAGCTACAACGA CACTCCAT	21568
8664	GUGGUCAG G CUCCUCUC	4448	GAGAGGAG GGCTAGCTACAACGA CTGACCAC	21569
8698	UCACGAAU G UUACCACC			
	Junious G GOLLONICO	4449	GGTGGTAA GGCTAGCTACAACGA ATTCGTGA	21570

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8746	AGCAGCGA G UGUUCAAA	4454	TTTGAACA GGCTAGCTACAACGA TCGCTGCT	21575
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9261	GGCACCCG G CCUGGGGG	4512		21633
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9429	AAGUGAU G CGCCCGGC	4533	GCCGGGCG GGCTAGCTACAACGA ATCACTTT	21654
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9436	UGCGCCCG G CUGCUGAU	4535	ATCAGCAG GGCTAGCTACAACGA CGGGCGCA	21656
9439	GCCCGGCU G CUGAUGGA	4536	TCCATCAG GGCTAGCTACAACGA AGCCGGGC	21657
9454	GAAGAACC G UCAUGGAU	4537	ATCCATGA GGCTAGCTACAACGA GGTTCTTC	21658
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9511	UCACCUAC G CCCUAAAC	4542		
9535	CCAACCUG G CCGUCCAG	4543	CTGGACGG GGCTAGCTACAACGA CAGGTTGG	21664
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9578	AGUGAUUG G CCCAGAUG	4548	CATCTGGG GGCTAGCTACAACGA CAATCACT	21669
9589	CAGAUGAU G UGGAGAAA	4549	TTTCTCCA GGCTAGCTACAACGA ATCATCTG	21670
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9636	ACCUGGCU G UUUGAGAA	4552	TTCTCAAA GGCTAGCTACAACGA AGCCAGGT	21673
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9673	GCAUGGCU G UCAGUGGA	4556	TCCACTGA GGCTAGCTACAACGA AGCCATGC	21677
9677	GGCUGUCA G UGGAGAUG	4557	CATCTCCA GGCTAGCTACAACGA TGACAGCC	21678
9689	AGAUGACU G UGUGGUAA	4558	TTACCACA GGCTAGCTACAACGA AGTCATCT	21679
	AUGACUGU G UGGUAAAG		CTTTACCA GGCTAGCTACAACGA ACAGTCAT	21680
9691	<del></del>	4559	<u> </u>	
9694	ACUGUGUG G UAAAGCCC	4560	GGGCTTTA GGCTAGCTACAACGA CACACAGT	21681
9699	GUGGUAAA G CCCCUGGA	4561	TCCAGGGG GGCTAGCTACAACGA TTTACCAC	21682
9713	GGACGAUC G CUUUGCCA	4562	TGGCAAAG GGCTAGCTACAACGA GATCGTCC	21683
9718	AUCGCUUU G CCACCUCG	4563	CGAGGTGG GGCTAGCTACAACGA AAAGCGAT	21684
9726	GCCACCUC G CUCCACUU	4564	AAGTGGAG GGCTAGCTACAACGA GAGGTGGC	21685
9742	UCCUCAAU G CUAUGUCA	4565	TGACATAG GGCTAGCTACAACGA ATTGAGGA	21686
9747	AAUGCUAU G UCAAAGGU	4566	ACCTTTGA GGCTAGCTACAACGA ATAGCATT	21687
9754	UGUCAAAG G UUCGCAAA		TTTGCGAA GGCTAGCTACAACGA CTTTGACA	
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9758	AAAGGUUC G CAAAGACA	4568	TGTCTTTG GGCTAGCTACAACGA GAACCTTT	21689
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9783	UGGAAACC G UCAACUGG	4570	CCAGTTGA GGCTAGCTACAACGA GGTTTCCA	21691
9795	ACUGGAUG G UAUGAUUG	4571	CAATCATA GGCTAGCTACAACGA CATCCAGT	21692
9804	UAUGAUUG G CAGCAGGU	4572	ACCTGCTG GGCTAGCTACAACGA CAATCATA	21693
9807	GAUUGGCA G CAGGUUCC	4573	GGAACCTG GGCTAGCTACAACGA TGCCAATC	21694

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9811	GGCAGCAG G UUCCAUUU	4574	AAATGGAA GGCTAGCTACAACGA CTGCTGCC	21695
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9868	GAACACUG G UGGUUCCA	4576	TGGAACCA GGCTAGCTACAACGA CAGTGTTC	21697
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9878	GGUUCCAU G CCGAGGAC	4578	GTCCTCGG GGCTAGCTACAACGA ATGGAACC	21699
9898	AUGAAUUG G UAGGCAGA	4579	TCTGCCTA GGCTAGCTACAACGA CAATTCAT	21700
9902	AUUGGUAG G CAGAGCUC	4580	GAGCTCTG GGCTAGCTACAACGA CTACCAAT	21701
9907	UAGGCAGA G CUCGCAUA	4581	TATGCGAG GGCTAGCTACAACGA TCTGCCTA	21702
9911	CAGAGCUC G CAUAUCUC	4582	GAGATATG GGCTAGCTACAACGA GAGCTCTG	21703
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9941	GAACGUCC G CGACACUG	4585	CAGTGTCG GGCTAGCTACAACGA GGACGTTC	21706
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9958	CUUGUCUG G CUAAGUCU	4588	AGACTTAG GGCTAGCTACAACGA CAGACAAG	21709
9963	CUGGCUAA G UCUUAUGC	4589	GCATAAGA GGCTAGCTACAACGA TTAGCCAG	21710
9970	AGUCUUAU G CCCAGAUG	4590	CATCTGGG GGCTAGCTACAACGA ATAAGACT	21711
9978	GCCCAGAU G UGGCUGCU	4591	AGCAGCCA GGCTAGCTACAACGA ATCTGGGC	21712
9981	CAGAUGUG G CUGCUUCU	4592	AGAAGCAG GGCTAGCTACAACGA CACATCTG	21713
9984	AUGUGGCU G CUUCUGUA	4593	TACAGAAG GGCTAGCTACAACGA AGCCACAT	21714
9990	CUGCUUCU G UACUUCCA	4594	TGGAAGTA GGCTAGCTACAACGA AGAAGCAG	21715
10011	AGAGACCU G CGGCUCAU	4595	ATGAGCCG GGCTAGCTACAACGA AGGTCTCT	21716
10014	GACCUGCG G CUCAUGGC	4596	GCCATGAG GGCTAGCTACAACGA CGCAGGTC	21717
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10034	CGCCAUUU G CUCCGCUG	4599	CAGCGGAG GGCTAGCTACAACGA AAATGGCG	21720
10039	nnnecnce e cnenccen	4600	AGGGACAG GGCTAGCTACAACGA GGAGCAAA	21721
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10048	CUGUCCCU G UGAAUUGG	4602	CCAATTCA GGCTAGCTACAACGA AGGGACAG	21723
10057	UGAAUUGG G UCCCUACC	4603	GGTAGGGA GGCTAGCTACAACGA CCAATTCA	21724
10077	AGAACCAC G UGGUCCAU	4604	ATGGACCA GGCTAGCTACAACGA GTGGTTCT	21725
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10090	CCAUCCAU G CAGGAGGA	4606	TCCTCCTG GGCTAGCTACAACGA ATGGATGG	21727
10101	GGAGGAGA G UGGAUGAC	4607	GTCATCCA GGCTAGCTACAACGA TCTCCTCC	21728
10122	GAGGACAU G UUGGAGGU	4608	ACCTCCAA GGCTAGCTACAACGA ATGTCCTC	21729
10129	UGUUGGAG G UCUGGAAC	4609	GTTCCAGA GGCTAGCTACAACGA CTCCAACA	21730
10139	CUGGAACC G UGUUUGGA	4610	TCCAAACA GGCTAGCTACAACGA GGTTCCAG	21731
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10201	GGAGUGAC G UCCCAUAU	4614	ATATGGGA GGCTAGCTACAACGA GTCACTCC	21735
10233	GACAUCUG G UGUGGCAG	4615	CTGCCACA GGCTAGCTACAACGA CAGATGTC	21736
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10269	CGAGCCAC G UGGGCAGA	4622	TCTGCCCA GGCTAGCTACAACGA GTGGCTCG	21743
10273	CCACGUGG G CAGAAAAC	4623	GTTTTCTG GGCTAGCTACAACGA CCACGTGG	21744
10288	ACAUCCAG G UGGCUAUC	4624	GATAGCCA GGCTAGCTACAACGA CTGGATGT	21745
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10333	AGAAGUAU G UGGAUUAC	4629	GTAATCCA GGCTAGCTACAACGA ATACTTCT	21750
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10378	CAACUUUG G UUGAGGAC	4631	GTCCTCAA GGCTAGCTACAACGA CAAAGTTG	21752
10390	AGGACACA G UACUGUAG	4632	CTACAGTA GGCTAGCTACAACGA TGTGTCCT	21753
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10430	CAAUAUAA G UAUGCAUA	4635	TATGCATA GGCTAGCTACAACGA TTATATTG	21756

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10434	AUAAGUAU G CAUAAAAG	4636	CTTTTATG GGCTAGCTACAACGA ATACTTAT	21757
10442	GCAUAAAA G UGUAGUUU	4637	AAACTACA GGCTAGCTACAACGA TTTTATGC	21758
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10824	GAGACCCC G CGGUUUAA	4691	TTAAACCG GGCTAGCTACAACGA GGGGTCTC	21812
10827	ACCCCGCG G UUUAAAGU	4692	ACTITAAA GGCTAGCTACAACGA CGCGGGGT	21813
10834	GGUUUAAA G UGCACGGC	4693	GCCGTGCA GGCTAGCTACAACGA TTTAAACC	21814
10836	UUUAAAGU G CACGGCCC	4694	GGGCCGTG GGCTAGCTACAACGA ACTTTAAA	21814
10841	AGUGCACG G CCCAGCCU	4695	AGGCTGGG GGCTAGCTACAACGA CGTGCACT	<del> </del>
10846	ACGGCCCA G CCUGACUG			21816
10857	UGACUGAA G CUGUAGGU	4696	CAGTCAGG GGCTAGCTAGAACGA TGGGCCGT	21817
1~~0~/	JOSEPH C COGONGGO	4697	ACCTACAG GGCTAGCTACAACGA TTCAGTCA	21818

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10864	AGCUGUAG G UCAGGGGA	4699	TCCCCTGA GGCTAGCTACAACGA CTACAGCT	21820
10883	GACUAGAG G UUAGUGGA	4700	TCCACTAA GGCTAGCTACAACGA CTCTAGTC	21821
10887	AGAGGUUA G UGGAGACC	4701	GGTCTCCA GGCTAGCTACAACGA TAACCTCT	21822
10898	GAGACCCC G UGCCACAA	4702	TTGTGGCA GGCTAGCTACAACGA GGGGTCTC	21823
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10924	ACAAAACA G CAUAUUGA	4704	TCAATATG GGCTAGCTACAACGA TGTTTTGT	21825
10960	GAUCUUCU G CUCUGCAC	4705	GTGCAGAG GGCTAGCTACAACGA AGAAGATC	21826
10965	UCUGCUCU G CACAACCA	4706	TGGTTGTG GGCTAGCTACAACGA AGAGCAGA	21827
10974	CACAACCA G CCACACGG	4707	CCGTGTGG GGCTAGCTACAACGA TGGTTGTG	21828
10982	GCCACACG G CACAGUGC	4708	GCACTGTG GGCTAGCTACAACGA CGTGTGGC	21829
10987	ACGCCACA G UGCGCCGA	4709	TCGGCGCA GGCTAGCTACAACGA TGTGCCGT	21830
10989	GGCACAGU G CGCCGACA	4710	TGTCGGCG GGCTAGCTACAACGA ACTGTGCC	21831
10991	CACAGUGC G CCGACAAU	4711	ATTGTCGG GGCTAGCTACAACGA GCACTGTG	21832
11001	CGACAAUG G UGGCUGGU	4712	ACCAGCCA GGCTAGCTACAACGA CATTGTCG	21833
11004	CAAUGGUG G CUGGUGGU	4713	ACCACCAG GGCTAGCTACAACGA CACCATTG	21834
11008	GGUGGCUG G UGGUGCGA	4714	TCGCACCA GGCTAGCTACAACGA CAGCCACC	21835
11011	GGCUGGUG G UGCGAGAA	4715	TTCTCGCA GGCTAGCTACAACGA CACCAGCC	21836
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27	GCUGACAA A CUUAGUAG	4718	CTACTAAG GGCTAGCTACAACGA TTGTCAGC	21839
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51	GAGGAUUA A CAACAAUU	4720	AATTGTTG GGCTAGCTACAACGA TAATCCTC	21841
54	GAUUAACA A CAAUUAAC	4721	GTTAATTG GGCTAGCTACAACGA TGTTAATC	21842
57	UAACAACA A UUAACACA	4722	TGTGTTAA GGCTAGCTACAACGA TGTTGTTA	21843
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97	AGAUCUCG A UGUCUAAG	4725	CTTAGACA GGCTAGCTACAACGA CGAGATCT	21846
108	UCUAAGAA A CCAGGAGG	4726	CCTCCTGG GGCTAGCTACAACGA TTCTTAGA	21847
140	GGCUGUCA A UAUGCUAA	4727	TTAGCATA GGCTAGCTACAACGA TGACAGCC	21848
150	AUGCUAAA A CGCGGAAU	4728	ATTCCGCG GGCTAGCTACAACGA TTTAGCAT	21849
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231	CCAAUACG A UUUGUGUU	4735	AACACAAA GGCTAGCTACAACGA CGTATTGG	21856
271	UCACAGCA A UUGCUCCG	4736	CGGAGCAA GGCTAGCTACAACGA TGCTGTGA	21857
280	UUGCUCCG A CCCGAGCA	4737	TGCTCGGG GGCTAGCTACAACGA CGGAGCAA	21858
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328	AAACAGCG A UGAAACAC	4743	GTGTTTCA GGCTAGCTACAACGA CGCTGTTT	21864
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421	GAGGAAAG A CCGGAAUU	4750	AATTCCGG GGCTAGCTACAACGA CTTTCCTC	21871
427	AGACCGGA A UUGCAGUC	4751	GACTGCAA GGCTAGCTACAACGA TCCGGTCT	21872
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499	AGGUGAUG A UGACGGUA	4756	TACCGTCA GGCTAGCTACAACGA CATCACCT	21877
502	UGAUGAUG A CGGUAAAU	4757	ATTTACCG GGCTAGCTACAACGA CATCATCA	21878
509	GACGGUAA A UGCUACUG	4758	CAGTAGCA GGCTAGCTACAACGA TTACCGTC	21879
518	UGCUACUG A CGUCACAG	4759	CTGTGACG GGCTAGCTACAACGA CAGTAGCA	21880
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560	UGGAAAGA A CCUAUGCA	4763	TGCATAGG GGCTAGCTACAACGA TCTTTCCA	21884
580	UCAGAGCA A UGGAUGUG	4764	CACATCCA GGCTAGCTACAACGA TGCTCTGA	21885
584	AGCAAUGG A UGUGGGAU	4765	ATCCCACA GGCTAGCTACAACGA CCATTGCT	21886
591	GAUGUGGG A UACAUGUG	4766	CACATGTA GGCTAGCTACAACGA CCCACATC	21887
602	CAUGUGCG A UGAUACUA	4767	TAGTATCA GGCTAGCTACAACGA CGCACATG	21888
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662	AGACAUCG A CUGUUGGU	4773	ACCAACAG GGCTAGCTACAACGA CGATGTCT	21894
705	UAUGGAAG A UGCACCAA	4774	TTGGTGCA GGCTAGCTACAACGA CTTCCATA	21895
		4775	GTGGCGTG GGCTAGCTACAACGA CTTGGTGC	<del></del>
715	GCACCAAG A CACGCCAC			21896
729	CACUCAAG A CGCAGUCG	4776	CGACTGCG GGCTAGCTACAACGA CTTGAGTG	21897
748	GGUCACUG A CAGUGCAG	4777	CTGCACTG GGCTAGCTACAACGA CAGTGACC	21898
757	CAGUGCAG A CACACGGA	4778	TCCGTGTG GGCTAGCTACAACGA CTGCACTG	21899
782	UCUAGCGA A CAAGAAGG	4779	CCTTCTTG GGCTAGCTACAACGA TCGCTAGA	21900
799	GGGCUUGG A UGGACAGC	4780	GCTGTCCA GGCTAGCTACAACGA CCAAGCCC	21901
803	UUGGAUGG A CAGCACCA	4781	TGGTGCTG GGCTAGCTACAACGA CCATCCAA	21902
835	UGGUAAAA A CAGAAUCA	4782	TGATTCTG GGCTAGCTACAACGA TTTTACCA	21903
840	AAAACAGA A UCAUGGAU	4783	ATCCATGA GGCTAGCTACAACGA TCTGTTTT	21904
847	AAUCAUGG A UCUUGAGG	4784	CCTCAAGA GGCTAGCTACAACGA CCATGATT	21905
857	CUUGAGGA A CCCUGGAU		ATCCAGGG GGCTAGCTACAACGA TCCTCAAG	21906
$\vdash$		4785	<del></del>	
864	AACCCUGG A UAUGCCCU	4786	AGGGCATA GGCTAGCTACAACGA CCAGGGTT	21907
895	UUGGUUGG A UGCUUGGG	4787	CCCAAGCA GGCTAGCTACAACGA CCAACCAA	21908
908	UGGGAGCA A CACCAUGC	4788	GCATGGTG GGCTAGCTACAACGA TGCTCCCA	21909
971	CAGCUUCA A CUGCCUUG	4789	CAAGGCAG GGCTAGCTACAACGA TGAAGCTG	21910
982	GCCUUGGA A UGAGCAAC	4790	GTTGCTCA GGCTAGCTACAACGA TCCAAGGC	21911
989	AAUGAGCA A CAGAGACU	4791	AGTCTCTG GGCTAGCTACAACGA TGCTCATT	21912
995	CAACAGAG A CUUCUUGG	4792	CCAAGAAG GGCTAGCTACAACGA CTCTGTTG	21913
1021	CUGGAGCA A CAUGGGUG	4793	CACCCATG GGCTAGCTACAACGA TGCTCCAG	21914
1031	AUGGGUGG A UUUGGUUC	4794	GAACCAAA GGCTAGCTACAACGA CCACCCAT	21915
1049	CGAAGGCG A CAGCUGCG	4795	CGCAGCTG GGCTAGCTACAACGA CGCCTTCG	21916
1060	GCUGCGUG A CUAUCAUG	4796	CATGATAG GGCTAGCTACAACGA CACGCAGC	21917
1076	GUCUAAGG A CAAGCCUA	4797	TAGGCTTG GGCTAGCTACAACGA CCTTAGAC	21918
1091	UACCAUCG A UGUGAAGA	4798	TCTTCACA GGCTAGCTACAACGA CGATGGTA	21919
				+
1099	AUGUGAAG A UGAUGAAU	4799	ATTCATCA GGCTAGCTACAACGA CTTCACAT	21920
1102	UGAAGAUG A UGAAUAUG	4800	CATATTCA GGCTAGCTACAACGA CATCTTCA	21921
1106	GAUGAUGA A UAUGGAGG	4801	CCTCCATA GGCTAGCTACAACGA TCATCATC	21922
1121	GGCGGUCA A CCUGGCAG	4802	CTGCCAGG GGCTAGCTACAACGA TGACCGCC	21923
1166	CGUCAGCG A UCUCUCCA	4803	TGGAGAGA GGCTAGCTACAACGA CGCTGACG	21924
1192	CGUGCCCG A CCAUGGGA	4804	TCCCATGG GGCTAGCTACAACGA CGGGCACG	21925
1211	AGCUCACA A UGACAAAC	4805	GTTTGTCA GGCTAGCTACAACGA TGTGAGCT	21926
1214	UCACAAUG A CAAACGUG	4806	CACGTTTG GGCTAGCTACAACGA CATTGTGA	21927
1218	AAUGACAA A CGUGCUGA	4807	TCAGCACG GGCTAGCTACAACGA TTGTCATT	21928
1226	ACGUGCUG A CCCAGCUU	4808	AAGCTGGG GGCTAGCTACAACGA CAGCACGT	21929
1245	GUGUGCAG A CAAGGAGU	4809	ACTCCTTG GGCTAGCTACAACGA CTGCACAC	<del></del>
1259				21930
	AGUGGUGG A CAGGGGCU	4810	AGCCCCTG GGCTAGCTACAACGA CCACCACT	21931
1274	CUGGGGCA A CGGCUGCG	4811	CGCAGCCG GGCTAGCTACAACGA TGCCCCAG	21932
1284	GGCUGCGG A UUAUUUGG	4812	CCAAATAA GGCTAGCTACAACGA CCGCAGCC	21933
1307	AAGCAUUG A CACAUGCG	4813	CGCATGTG GGCTAGCTACAACGA CAATGCTT	21934
1320	UGCGCCAA A UUUGCCUG	4814	CAGGCAAA GGCTAGCTACAACGA TTGGCGCA	21935
1342	CCAAGGCA A UAGGAAGA	4815	TCTTCCTA GGCTAGCTACAACGA TGCCTTGG	21936
1351	UAGGAAGA A CCAUCUUG	4816	CAAGATGG GGCTAGCTACAACGA TCTTCCTA	21937
1367	GAAAGAGA A UAUCAAGU	4817	ACTTGATA GGCTAGCTACAACGA TCTCTTTC	21938
1401	GUCCAUGG A CCAACUAC	4818	GTAGTTGG GGCTAGCTACAACGA CCATGGAC	21939
1405	AUGGACCA A CUACUGUG	4819	CACAGTAG GGCTAGCTACAACGA TGGTCCAT	21940
1427	GCACGGAA A CUACUCCA	4820	TGGAGTAG GGCTAGCTACAACGA TGGTCCAT	
1464	GCAGGGAG A UUCAGCAU	<del></del>		21941
1 7304	טאטטטאט א טטנאטנאט	4821	ATGCTGAA GGCTAGCTACAACGA CTCCCTGC	21942

15152   CUIGARAR A UNUGRADA   4822   TCTCCATA GECTARCTACARCA TCTCCARC   21945   1552   GACAGUGG A CUGUGAAC   4224   GTTCACAG GECTARCTACAGCA CCACTET   21945   1552   GACAGUGG A CUGUGAAC   4224   GTTCACAG GECTARCTACAGCA CCACTET   21945   1552   GACAGUGG A CUGUGAAC   4224   GTTCACAG GECTARCTACAGCA CCACAGT   21947   1552   GACAGUGG A UUGACACC   4226   GGTGTCAA GACTACACACA CCCTGACC   21947   1556   AGGAGUGA A UUGACACC   4226   GGTGTCAA GACTACACACACACACACCCACAGC   21947   1556   AGGAGUGA A UUGACACC   4226   AGCTACACACACACACACACACACACACACACACACACAC		<u>.</u>			<del> </del>
1932   GACAGURG A CHORGANC   4824   GTTCACAG GCTACCACACA CCACTOTC   21945   1539   GACCUBURA A COLORIGO CONTROL   21947   1536   AGRANUG A CACCUBUCA   4826   GACCUTCA GCTTACACACAT CCCTGACC   21947   1536   AGRANUG A CACCUANG   4827   CARTOGTO GCTTACACACACA CCCTGACC   21947   1536   AGRANUG A CACCUANG   4828   AGRANTCA GCTTACACACACA CCCTGACC   21947   1536   AGRANUG A CACCUANG   4828   AGRANTCA GCTTACACACACA CCCTGACC   21949   15376   ACUACAGUA   4828   AGRANTCA GCTTACACACACA TOTOTCA   21949   15376   ACUACAGUA   4828   AGRANTCA GCTTACACACACA CACCUTACA   21950   15379   ACUACAGUA   4828   AGRANTCA GCTTACACACACA CACCUTACACACACACACACACACACACACACACACACAC	1512	CUUGGAGA A UAUGGAGA	4822		
1552   GRICHIGER A CONGIGUE	1525	GAGAGGUG A CAGUGGAC	4823		21944
1552   GRIUNAGE A TURIACACC   4826   GRITOTEAN GROTAGCTANAGA COCTANCC   21947   1562   TURIACACCA A UGCNIRCU   4828   ARTRITICA GRICTAGCTANAGA CANTECCT   21948   1576   ACUACGUE A UGCNIRCU   4828   ARTRITICA GRICTAGCTANAGA CANTECCT   21949   1576   ACUACGUE A UGCNIRCU   4829   ARCAGTA GRICTAGCTANAGA CAGTATCT   21959   1576   ACUACGUE A UGCNIRCU   4829   ARCAGTA GRICTAGCTANAGA CAGTATAT   21951   1576   ACUACGUE A UGCNIRCU   4820   ARCAGTA GRICTAGCTANAGA GRACTAGCT   21951   1588   CUGUUGA A CANAGAGG   4831   COTTOTTO GRICTAGCTANAGAG ACTACACT   21951   1589   CUGUUGA A CANAGAGG   4831   COTTOTTO GRICTAGCTANAGAG ACTACACT   21951   1525   GRIUCALIGG A CCUCAACC   4833   GRITTAGAG GRICTAGCTANAGAG ACTIVATAC   21951   1526   GRIUCALIGG A CCUCAACC   4833   GRITTAGAG GRICTAGCTANAGAGA GRAGTAGCTAGAGA TOTTOTTO   21951   1527   AGRACUA A CANAGAGA   4835   COTTOTTO GRITAGCTANAGAGA GRAGTAGCTACAGAGA TOTTOTTO   21951   1528   GRICTAGAGA A CANAGAGA   4835   COTTOTTO GRITAGCTANAGAGA GRAGTAGCTACAGAGA TOTTOTTO   21951   1529   GRACAGAGA A CANAGAGA   4835   COTTOTTO GRACAGACTACAGAGA TOTTOTTO   21951   1529   GRACAGAGA A CANAGAGA   4835   COTTOTTO GRACAGAGA ACCATAGAGA   21951   1520   GRACAGAGA A CANAGAGA   4835   COTTOTTO GRACAGAGA ACCATAGAGA   21951   1520   GRACAGAGA A CANAGAGA   4835   COTTOTTO GRACAGAGA ACCATAGAGA   21951   1521   ARECUEUR A UGCNIRU   4836   CATTAGAG GRACAGACTACAGAGA TACGTCT   21951   1522   ARECUEUR A UGCNIRU   4836   CATTAGAG GRACAGACTACAGAGA TACGTCT   21951   1523   ARECUEUR A UGCNIRU   4830   CATTAGAG GRACAGAGA CACAGAGT   21951   1524   CUCAAGAGA A UUJUCAAG   4840   CTTORAAGA GRACAGAGA TOCTTCAA   21951   1526   UUCAAGAGA A CACAGGUC   4840   CTTORAAGA GRACAGAGA TOCTTCAA   21951   1526   UUCAAGAGA A CACAGGUC   4840   CTTORAAGA GRACAGAGA TOCTTCAA   21951   1526   UUCAAGAGA A CACAGGUC   4840   CTTORAAGA GRACAGAGA TOCTTCAA   21951   1526   UUCAAGAGA A CACAGGUC   4840   ARCTGCAG GRACAGAGAAGAA TOTTCATC   21954   1526   UUCAAGAGA A CACAGGUC   4840   ARCTGCAG GRACAGAGAGAAGAA TOTTCATC   21954   1526   UUCAAGAGA A CACA	1532	GACAGUGG A CUGUGAAC	4824	GTTCACAG GGCTAGCTACAACGA CCACTGTC	21945
1555   MAGGANTUG A CACCANUS   4826	1539	GACUGUGA A CCACGGUC	4825	GACCGTGG GGCTAGCTACAACGA TCACAGTC	21946
1576	1552	GGUCAGGG A UUGACACC	4826		
1579   ACURCUEG A UBACUEGUU   4829   AACASTCA GGCTRGGTCANAGGA CACSTAGT   21950   1579   ACURCUIG A CUBUNGRA   4830   TCCANCAG GGCTRGGTCANAGGA CATCAGT   21951   1588   CUBUNGRA CANAGAGG   4831   COTCTTT GGCTRGCTACAAGGA CATCACGT   21951   1594   GAACCAAG A CGUUCUUG   4832   CAAGGACG GGCTRGCTACAAGGA TCCAACGA   21951   1525   GUUCUUGA A CUCCUCACC   4833   GGTTRGGTGGGGTRGCTACAAGGA TCCAACGA   21951   1570   GUGCAGGA A CCUCCUU   4834   AAAGGAGG GGCTRGCTACAAGGA TCCAACGA   21951   1570   GUGCAGGA A CCUCCUU   4834   AAAGGAGG GGCTRGCTACAAGGA TGAGGTCC   21956   1576   GACGAGAG A CGUUCUUG   4835   TCTCTTCT GGCTRGACTAACGGA TCCTCCAC   21956   1576   ACCAGAGGA CACGAGCA   4835   CATTAACG GGCTAGCTACAAGGA TCCTCGT   21957   1584   AAGGGUTA A CUCCUU   4837   AAACTCA GGCTAGCTACAAGGA TCCTCCTG   21957   1584   AAGGGUTA A CUCCUU   4837   AAACTCA GGCTAGCTACAAGGA TCCTCCTG   21958   1588   UJUGRAGGA A CCACAGCC   4838   GCGTTGTG GGCTAGCTACAAGGA TCCTCCAA   22959   1723   AGGCUUGA A URACUUG   4839   CAATGCTA GGCTAGCTACAAGGA TCCTCCAA   22959   1723   AGGCUUGA A URACUUG   4839   CAATGCTG GGCTAGCTACAAGGA TCCTCCAA   22959   1723   AGGCUUGA A CACUGACC   4841   TGACAGTG GGCTAGCTACAAGGA TCCACAGG   21961   1786   CUCUUGGA A UUUCAAGGA   4841   TGACAGTG GGCTAGCTACAAGGA TCCACAGG   21961   1786   UUCAAGCA A CACUGUAC   4842   ACCCGAGG GGCTAGCTACAAAGGA TCCACAGG   21961   1840   CAAGGGAGA A CUCCUACA   4841   TGACAGTG GGCTAGCTACAAAGGA CAACCTGA   21958   1840   UGAAGGAA A UUCCAGGA   4844   TGACAGTG GGCTAGCTACAAAGGA CAACCTGA   21958   1840   UGAAGGAA A UUCCAGGA   4844   TGACAGTG GGCTAGCTACAAAGGA CAACCTTGA   21958   1840   UGAAGGAA A UUCCAGGA   4844   TGACAGTG GGCTAGCTACAAAGGA CTACCTC   21956   1840   UUCUUGGG A UUCCAGCA   4846   GCCCAGGG GGCTAGCTACAAAGGA CTACCTC   21957   1840   UUCUUGGG A UUCCAGGA   4846   GCCATAGG GGCTAGCTACAAAGGA CTACCTC   21957   1840   UUCUUGGG A UUCCAGGA   4846   GCCATAGG GGCTAGCTACAAAGGA CTACGAGCA   21959   1844   UUCCAGGA A UUCCAGGA   4846   GCCATAGG GGCTAGCTACAAAGGA CCCAGAGA   21958   1840   UUCCAGGA A UUCCAGGA   4846   GCCATAGG GG	1556	AGGGAUUG A CACCAAUG	4827	CATTGGTG GGCTAGCTACAACGA CAATCCCT	21948
1579	1562	UGACACCA A UGCAUACU	4828	AGTATGCA GGCTAGCTACAACGA TGGTGTCA	21949
1588	1576	ACUACGUG A UGACUGUU	4829	AACAGTCA GGCTAGCTACAACGA CACGTAGT	21950
1595	1579	ACGUGAUG A CUGUUGGA	4830	TCCAACAG GGCTAGCTACAACGA CATCACGT	21951
1625   GUUCAUGG A CCUCCACU	1588	CUGUUGGA A CAAAGACG	4831	CGTCTTTG GGCTAGCTACAACGA TCCAACAG	21952
1631   GRACCUCA A CUUCACUU   4834   AAGGGAG GCTNGCTRACAACGA TOGTCC   21955   1670   GUIGAGGA A CAGAGAGA   4835   TCTCTCTG GGCTNGCTRACACGA TCCTCCAC   21957   1678   ACAGAGAGA A COUTAGAGAGA   4836   CATTAACG GGCTNGCTRACACGA CCCTCCTC   21957   1684   AGAGGUUA   4837   ANACTCCA GGCTNGCTRACACGA CCCTCTCT   21957   1684   AGAGGUUA   4837   ANACTCCA GGCTNGCTRACACGA CCCTCAAA   21959   1723   AGUCUGUG A UNGCAUUG   4838   GCGTGGTGG GCTNGCTRACACGA CACAGACC   21958   1723   AGUCUGUG A UNUCANGA   4839   CANTGCTA GGCTNGCTRACACGA CACAGACC   21951   1735   CCUGUGGA A UNUCANGA   4840   CTGANAA   GGCTNGCTRACACGA CACAGACC   21951   1736   UUCANGCA C ACAUGUCA   4841   TGACAGTG GGCTNGCTRACACGA CACAGACC   21951   1840   UCANGGUA   CACUGUGA   4841   TGACAGTG GGCTNGCTRACACGA CACACTTCA   21952   1840   GAGUGAGA   AUGGAGAA   4841   TGACAGTG GGCTNGCTRACACGA CACCTTCA   21953   1848   AUGGAAAA   UUGCAGGU   4844   ACCGCACG GGCTNGCTRACACGA CACCTTCA   21954   1848   AUGGAAAA   UUGCAGGU   4844   AACTGCAA GGCTNGCTRACACGA CACCTTCA   21954   1854   UCANGGUA   ACACCUAU   4845   ATRGGTTG GGCTNGCTRACACGA CACCTTCA   21956   1854   UCANGGGA   ACACCUAU   4845   ATRGGTTG GGCTNGCTRACACGA CACCTTCA   21956   1855   AGGGAACA   CCUAUGGC   4846   GCCATAGG GCCTNGCTRACACGA CTCCTCC   21956   1856   UCANGGGA   ACACCUAU   4845   ACTGCAA GGCTNGCTRACACGA CTCCTCC   21956   1856   UCAUGUGGA   CUCCGGCA   4847   TCCGGGAG GCCTNGCTRACACGA CCCACAGAG   21950   1954   UUGCAGGA   AUGCAGUA   4849   GACCTGTG GGCTNGCTRACACGA CCCACAGAG   21950   1954   UUGCAGGA   AUGCAGUA   4849   GACCTGTG GGCTNGCTRACACGA CCCACAGAG   21950   1954   UUGCAGGA   AUGCAGUA   4849   GACCTGTG GGCTNGCTRACACGA CCCACAGAG   21950   1954   UUGCAGGA   AUGCAGUA   4850   ANAGTCCA   GCCTNGCTRACACGA CCCACAGA   21950   1954   UUGCAGGA   AUGCAGUA   4850   ANAGTCCA   GCC	1594	GAACAAAG A CGUUCUUG	4832	CAAGAACG GGCTAGCTACAACGA CTTTGTTC	21953
1676	1625	GUUCAUGG A CCUCAACC	4833	GGTTGAGG GGCTAGCTACAACGA CCATGAAC	21954
1678   ACAGAGAR A CGUUANUG	1631	GGACCUCA A CCUCCCUU	4834	AAGGGAGG GGCTAGCTACAACGA TGAGGTCC	21955
1684	1670	GUGGAGGA A CAGAGAGA	4835	TCTCTCTG GGCTAGCTACAACGA TCCTCCAC	21956
1698	1678	ACAGAGAG A CGUUAAUG	4836	CATTAACG GGCTAGCTACAACGA CTCTCTGT	21957
1723   AGUCUGUG A UAGCAUUG   4839   CANTGOTA GGCTAGCTACANCOR CACAGACT   21950   1785   CCUGUGGA A URUCAAGA   4841   TGACAGTG GGCTAGCTACAACGA TCCACAGG   21961   1795   UUCAAGCA A CACUGUCA   4841   TGACAGTG GGCTAGCTACAACGA CACTTGAA   21962   1810   UCAAGCA A CACUGUCA   4841   TGACAGTG GGCTAGCTACAACGA CACTTGAA   21963   1810   UCAAGUUG A CGGCGGGU   4842   ACCCGACG GGCTAGCTACAACGA CATCTGAT   21963   1840   GAGUGAAGA   UGGAAAGA   4843   ATTITTCCA GGCTAGCTACAACGA CTTCACTC   21965   1864   UGAAGGGA A CACCUAU   4844   AACTGCAA GGCTAGCTACAACGA TTTCCAT   21965   1864   UGAAGGGA A CACCUAU   4845   ATAGGTG GGCTAGCTACAACGA TTTTCCAT   21965   1864   UGAAGGGA A CCUAUGGG   4846   GCCATAGG GGCTAGCTACAACGA TTTTCCCT   21967   1966   UUCUUGGG A CUCACGCA   4847   TGCGGGA GGCTAGCTACAACGA CCCAGGGA   21969   1944   GUGUUGGG A CACAGGUC   4848   GACCTGTG GGCTAGCTACAACGA CCCAGGGA   21970   1964   UUCUUGGG A CACAGGUC   4848   GACCTGTG GGCTAGCTACAACGA CCCAGGGA   21970   1964   UGGCACGG A CCUGUCAA   4849   TACTGCAA GGCTAGCTACAACGA CCCAGGGA   21970   1964   UGGCACGG A CCUGUCAA   4851   TTGCAGG GGCTAGCTACAACGA CCCTGCCC   21970   1964   UGGCACGG A CCUGUCAA   4851   TTGCAGG GGCTAGCTACAACGA CCCTGCCC   21971   1966   ACGGAUGG A CCUGUCAA   4851   TTGCAGG GGCTAGCTACAACGA CCATCCGT   21972   2009   AUUGANCG A CCUAACGA   4852   TTAGGTCG GGCTAGCTACAACGA CCATCCGT   21972   2009   AUUGANCG A CCUAACGA   4853   GCGTTAGG GGCTAGCTACAACGA CGATCCAAC   21976   2009   AUUGANCG A CCUAACGA   4853   GCGTTAGG GGCTAGCTACAACGA CGATCCAAC   21976   2009   AUUGANCG A CCUAACGC   4853   GCGTTAGG GGCTAGCTACAACGA CGATCCAAC   21976   2004   2004   2004   2004   2004   2004   2004   2004   2004   2004   2004   2004   2004   2004   2004   2004   2004   2004   2004   2004   2004   2004   2004   2004   2004   2004   2004   2004   2004   2004   2004   2004   2004   2004   2004   2004   2004   2004   2004   2004   2004   2004   2004   2004   2004   2004   2004   2004   2004   2004   2004   2004   2004   2004   2004   2004   2004   2004   2004   2004   2004   2004   2004   2004	1684	AGACGUUA A UGGAGUUU	4837	AAACTCCA GGCTAGCTACAACGA TAACGTCT	21958
1785	1698	UUUGAGGA A CCACACGC	4838	GCGTGTGG GGCTAGCTACAACGA TCCTCAAA	21959
1796	1723	AGUCUGUG A UAGCAUUG	4839	CAATGCTA GGCTAGCTACAACGA CACAGACT	21960
1810	1785	CCUGUGGA A UUUUCAAG	4840	CTTGAAAA GGCTAGCTACAACGA TCCACAGG	21961
1840   GAGUGARG A UUGGARARA   4843   TTTTCCA GGCTAGCTACAACGA CTTCACTC   21964   1848   AUGGARARA A UUGCAGUU   4844   AACTGCA GGCTAGCTACAACGA TTTTCCAT   21965   1867   AGGGACA A CACACUAU   4845   ATAGGTTG GGCTAGCTACAACGA TTTTCCAT   21966   1867   AGGGACA A CCUAUGGC   4846   GCCATAGG GGCTAGCTACAACGA TGTTCCCT   21967   1906   UUCUUGGG A CUCCCGCA   4847   TGCGGGAG GGCTAGCTACAACGA TGTTCCCT   21967   1916   UUCUUGGG A CACAGGUC   4848   GACCTGTG GGCTAGCTACAACGA CTGCGGGA   21969   1944   GUGUUGGA A CUGCAGUA   4849   TACTGCAA GGCTAGCTACAACGA CTGCGGGA   21970   1954   UUGGACGG A UUGCAGUA   4850   AAGGTCCA GGCGACTACAACGA CTGCGGGA   21971   1968   ACGGAUGG A CUUCCAA   4851   TTGCAGAG GGCTAGCTACAACGA CCATCCCT   21972   2009   AUUGAACGA A CGCACAGUC   4852   TTGGTGG GGCTAGCTACAACGA CCATCCCT   21972   2009   AUUGAACGA A CGCACAGG   4853   GCGTTAGCTACAACGA CTCCAACAC   21970   2014   ACGACCUA A CGCCUAUGA   4854   CACTGGGG GGCTAGCTACAACGA CTCCATCAA   2015   AUGGACCGA A CGCCAACGC   4855   GCGTTAGCTACAACGA CTGCACAC   21976   2028   GUGGGCAG A UUGGUCAC   4855   GTGACCTACAACGA CTGCCAC   21975   2028   GUGGGCAG A UUGGUCAC   4855   GTGACCAA GGCTACCAACAGA CTGCCCAC   21976   2042   CACUGUCA A CGCCUAUUG   4856   CAAAAGGG GGCTAGCTACAACGA CTGCCAC   21976   2042   CACUGUCA A CGCUAUUG   4856   CAAAAGGG GGCTAGCTACAACGA CTGCCAC   21976   2043   AGGUCCUG A UUGAAUG   4857   CCTTAGCG GGCTAGCTACAACGA CTGCCAC   21976   2044   GAAUUGGA A CCCCUUU   4859   GCTACCAA GGCTACCAACGA CTGCCCAC   21976   2049   GAAUUGGA A CCACCCUU   4850   AAGGTGG GGCTAGCTACAACGA CTGCCAC   21976   2088   CUGAUUGA A UUGAAACC   4859   GGTTCCAA GGCTACAACGA CTGCCACA   2081   AGGUCCUG A UUGAAUGA   4856   ATCTGTTCA GGCTACCAACGA CTGCAACGA   2081   CUGAUGGA A UUGAACC   4856   GTTAGCTACAACGA CTGCAACGA CTGCAACGA   21980   CUGAUGGA A CCACCCUC   4860   AAGGTGG GGCTAGCTACAACGA CTCCAACGA   21981   CUGAGGA A CACACGAU   4865   ATCTGTTG GGCTAGCTACAACGA CTCCAACGA   21981   CUGAGGA A CACACGAU   4865   ATCTGTTG GGCTAGCTACAACGA CTCCAACGA   21981   CUGAGGA A CACACGUU   4865   ATCTGTTG GGCTAGCTACAA	1796	UUCAAGCA A CACUGUCA	4841	TGACAGTG GGCTAGCTACAACGA TGCTTGAA	21962
1848	1810	UCAAGUUG A CGUCGGGU	4842	ACCCGACG GGCTAGCTACAACGA CAACTTGA	21963
1864	1840	GAGUGAAG A UGGAAAAA	4843	TTTTTCCA GGCTAGCTACAACGA CTTCACTC	21964
1867   AGGGARCA A CCURUGGC	1848	AUGGAAAA A UUGCAGUU	4844	AACTGCAA GGCTAGCTACAACGA TTTTCCAT	21965
1916	1864	UGAAGGGA A CAACCUAU	4845	ATAGGTTG GGCTAGCTACAACGA TCCCTTCA	21966
1916	1867	AGGGAACA A CCUAUGGC	4846	GCCATAGG GGCTAGCTACAACGA TGTTCCCT	21967
1944   GUGUUGGA A UUGGAGUN   4849   TACTGCAA GGCTAGCTACAACGA TCCAACAC   21970     1964   UGGCACGG A UGGACCUU   4850   AAGGTCCA GGCTAGCTACAACGA CCGTGCCA   21971     1968   ACGGAUGG A CCUUGCAA   4851   TTGCAAGG GGCTAGCTACAACGA CCATCCGT   21972     2006   UUCAUUGA A CGACCUAA   4852   TTAGGTCG GGCTAGCTACAACGA CCATCCGT   21972     2009   AUUGAACG A CCUAACGC   4853   GCGTTAGG GGCTAGCTACAACGA CGATCAAT   21974     2014   ACGACCUA A CGCCAGUG   4854   CACTGGCG GGCTAGCTACAACGA CGATCAAT   21974     2014   ACGACCUA A CGCCAGUG   4855   GTGACCAA GGCTAGCTACAACGA TAGGTCGT   21975     2028   GUGGGCAG A UUGGUCAC   4855   GTGACCAA GGCTAGCTACAACGA TAGGTCGT   21976     2042   CACUGUCA A CCCUUUUG   4856   CAAAAGGG GGCTAGCTACAACGA TAGCAATG   21977     2069   CACCGCCA A CGCUAACG   4857   CCTTACCG GGCTAGCTACAACGA TGCACATG   21979     2088   CUGAUUGA A UUGGAACC   4859   GGTTCCAA GGCTAGCTACAACGA TGCACATG   21979     2088   CUGAUUGA A UUGGAACC   4859   GGTTCCAA GGCTAGCTACAACGA TCAATCAG   21980     2094   GAAUUGA A UUGGAACC   4859   GGTTCCAA GGCTAGCTACAACGA TCAATCAG   21980     2108   CUUUGGAG A CUCAUACAC   4860   AAGGGTGG GGCTAGCTACAACGA TCCAATC   21981     21136   AGAGGAGA A CACACCUU   4861   TGTATGAG GGCTAGCTACAACGA TCCAATC   21981     2124   AACAACAG A UCAAUCAC   4862   ATCTGTTG GGCTAGCTACAACGA TCCCAAAC   21982     2124   AACAACAG A UCAAUCAC   4863   TTGATCTG GGCTAGCTACAACGA TCTCCTCT   21983     2124   AACAACAG A UCAAUCAC   4865   ATCTGTTG GGCTAGCTACAACGA TCTCCTCT   21984     2124   ACCAUCAC A UCACCUU   4865   AATGGTGG GGCTAGCTACAACGA TGTTCTCC   21984     2124   ACCAUCAC A UCACCUU   4865   AATGGTGG GGCTAGCTACAACGA TGTCCAAC     2124   ACCAUCAC A UCACCUU   4865   AATGGTGG GGCTAGCTACAACGA TGTCCTCT   21985     2124   ACCAUCAC A UCACCUU   4865   AATGGTGG GGCTAGCTACAACGA TGTCCTCT   21986     2124   ACCUUGGA A CUAGCGC   4867   GCGCTAG GCTAGCTACAACGA TGTCTCTC   21986     2225   GACUUGG A CUAGCGC   4866   GAGGTGG GGCTAGCTACAACGA TGTCTCTC   21986     2234   UCUAGGAG A CACAGCUU   4868   AAGCTGG GGCTAGCTACAACGA TGTCTAG   21990     2234   UCUAGGAG	1906	UUCUUGGG A CUCCCGCA	4847	TGCGGGAG GGCTAGCTACAACGA CCCAAGAA	21968
1964	1916	UCCCGCAG A CACAGGUC	4848	GACCTGTG GGCTAGCTACAACGA CTGCGGGA	21969
1968	1944	GUGUUGGA A UUGCAGUA	4849	TACTGCAA GGCTAGCTACAACGA TCCAACAC	21970
2006         UUCAUUGA A CGACCUAA         4852         TTAGGTCG GGCTAGCTACAACGA TCAATGAA         21973           2009         AUUGAACG A CCUAACGC         4853         GCGTTAGG GGCTAGCTACAACGA CGTTCAAT         21974           2014         ACGACCUA A CGCCAGUG         4854         CACTGGCG GGCTAGCTACAACGA TAGGTCGT         21975           2028         GUGGGCAG A UUGGUCAC         4855         GTGACCAA GGCTACAACGA TGCCCAC         21976           2042         CACUGUCA A CCCUUUUG         4856         CAAAAGGG GGCTACAACGA TGACCACGA TGACCGTG         21977           2069         CACGGCCA A CGCUAAGG         4857         CCTTAGCG GGCTAGCTACAACGA TGACCACGTG         21978           2083         AGGUCCUG A UUGAAUUG         4858         CAATTCAA GGCTAGCTACAACGA TGACACACCA CAGGACCT         21979           2084         GAAUUGA A UUGAAUUG         4858         CAATTCAA GGCTAGCTACAACGA TCAATCAG         21980           2094         GAAUUGA A CUCACCUU         4860         AAGGGTGG GGCTACAACGA TCAATCAA         21981           2136         AGAGGAGA A CAACAGAU         4862         ATCTGTTG GGCTAGCTACAACGA TGTTCTCC         21984           2133         GGABAACA A CAGAUCAA         4863         TTGATCA GGCTACAACGA TGTTCTCC         21986           2147         ACCAGAUCA A UCACCAUU         4865         AATGGTGA GCTACAACGA TGTT	1964	UGGCACGG A UGGACCUU	4850	AAGGTCCA GGCTAGCTACAACGA CCGTGCCA	21971
2009         AUUGAACG A CCUAACGC         4853         GCGTTAGG GGCTAGCTACAACGA CGTTCAAT         21974           2014         ACGACCUA A CGCCAGUG         4854         CACTGGG GGCTAGCTACAACGA TAGGTCGT         21975           2028         GUGGGCAG A UUGGUCAC         4855         GTGACCAA GGCTACAACGA CTGCCCAC         21976           2042         CACUGUCA A CCCUUUUG         4856         CAAAAGGG GGCTAGCTACAACGA TGACAGTG         21977           2069         CACGGCCA A CGCUAAGG         4857         CCTTAGCG GGCTACAACGA TGACAGTG         21978           2083         AGGUCCUG A UUGAAUUG         4858         CAATTCAA GGCTAGCTACAACGA TGAATCAG         21980           2084         CUGAUUGA A UUGAACC         4859         GGTTCCAA GGCTACAACGA TCAATCAG         21982           2094         GAAUUGA A UGGAACC         4860         AAGGGTGG GGCTACAACGA TCAATCAG         21982           2108         CUUUGGAG A CUCAUACA         4861         TGTATGAG GGCTACCAACGA TCCACTCT         21982           2136         AGAGGAGA A CAGAUCAA         4862         ATCTGTG GGCTAGCTACAACGA TCTCTCT         21983           2139         GGAGAACA A CAGAUCAA         4864         GTGATTGA         GGCTAGCTACAACGA TCTTCTCT         21984           2143         AACACAGA A UCACCCUU         4865         AATGGTGA GGCTACAACGA TCTTCTCT	1968	ACGGAUGG A CCUUGCAA	4851	TTGCAAGG GGCTAGCTACAACGA CCATCCGT	<del></del>
2014         ACGACCIA A CGCCAGUG         4854         CACTGGCG GGCTAGCTACAACGA TAGGTCGT         21975           2028         GUGGGCAG A UUGGUCAC         4855         GTGACCAA GGCTAGCTACAACGA TGCCCAC         21976           2042         CACUGUCA A CCCUUUUG         4856         CAAAAGGG GGCTAGCTACAACGA TGACAGTG         21977           2069         CACGGCCA A CGCUAAGG         4857         CCTTAGCG GGCTAGCTACAACGA TGGCCGTG         21978           2083         AGGUCCUG A UUGAAUUG         4858         CAATTCAA GGCTAGCTACAACGA TGGCCATCA         21979           2088         CUQAUGA A UUGGAACC         4859         GGTTCCAA GGCTAGCTACAACGA TCCAATCA         21980           2094         GAAUUGGA A CUCAUACA         4860         AAGGGGG GGCTAGCTACAACGA TCCAAAGA         21982           2136         AGAGGAGA A CAACAGAU         4862         ATCTGTTG GGCTAGCTACAACGA TCTCCTCT         21983           2136         AGAGACA A CAGAUCAA         4863         TTGATCTG GGCTAGCTACAACGA TCTCTCTC         21984           2143         AACAACAG A UCAAUCAC         4864         GTGATTGA GGCTAGCTACAACGA TCTGTTCT         21986           2194         CCUUUACA A CCACCCUC         4866         GAGGGTG GGCTAGCTACAACGA TCTGTGCC         21986           2194         CCUUUACA A CCACCCUC         4866         GAGGGTG GGCTAGCTACAACGA CTCTGCGC	2006	UUCAUUGA A CGACCUAA	4852	TTAGGTCG GGCTAGCTACAACGA TCAATGAA	21973
2028         GUGGGCAG A UUGGUCAC         4855         GTGACCAA GGCTAGCTACAACGA CTGCCCAC         21976           2042         CACUGUCA A CCCUUUUG         4856         CAAAAGGG GGCTAGCTACAACGA TGACAACGT         21977           2069         CACGGCCA A CGCUAAGG         4857         CCTTAGCG GGCTAGCTACAACGA TGACCATG         21979           2083         AGGUCCUG A UUGAAUUG         4858         CAATTCAA GGCTAGCTACAACGA CAGGACCT         21979           2084         CUGAUGA A UUGAACC         4859         GGTTCCAA GGCTAGCTACAACGA TCCAATCG         21980           2094         GAAUUGGA A CACCCUU         4860         AAGGGTG GGCTAGCTACAACGA TCCAAAGA         21981           2108         CUUUGGAG A CUCAUACA         4861         TGTATGAG GGCTAGCTACAACGA TCTCCAAAG         21982           2136         AGAGGAGA A CAACAGAU         4862         ATCTGTTG GGCTAGCTACAACGA TCTCCTCT         21984           2139         GGAGAACA A CAGAUCAA         4863         ATGATCTG GGCTAGCTACAACGA TCTCTCT         21984           2143         AACAACAG A UCAAUCAC         4864         GTGATTGA         GGCTAGCTACAACGA TGTTCTC         21986           2147         ACAGAUCA A UCACCAUU         4865         AATGGTA GGCTAGCTACAACGA TGTTCTGT         21986           2147         CCUUUACA A CCACCCUU         4866         GAGGTGG GGCTAGCT	2009	AUUGAACG A CCUAACGC	4853	GCGTTAGG GGCTAGCTACAACGA CGTTCAAT	21974
2042         CACUGUCA A CCCUUUG         4856         CARAAGGG GGCTAGCTACAACGA TGACAGTG         21977           2069         CACGGCCA A CGCUAAGG         4857         CCTTAGCG GGCTAGCTACAACGA TGGCCGTG         21978           2083         AGGUCCUG A UUGAAUUG         4858         CAATTCAA GGCTAGCTACAACGA CAGGACCT         21978           2088         CUGAUUGA A UUGGAACC         4859         GGTTCCAA GGCTAGCTACAACGA TCAATCAG         21980           2094         GAAUUGGA A CUCAUACA         4861         AGGGTGG GGCTAGCTACAACGA TCCACAAG         21981           21108         CUUUGGAG A CUCAUACA         4861         TGTATGAG GGCTAGCTACAACGA TCCCACAG         21982           21136         AGAGAGAA A CAGAUCAA         4862         ATCTGTTG GGCTAGCTACAACGA TCTCCTCT         21983           2139         GGAGAACA A CAGAUCAA         4863         TTGATCTG GGCTAGCTACAACGA TGTTCCC         21964           2147         ACAGAUCA A UCACCAUU         4865         AATGGTGA GGCTAGCTACAACGA TGTTCTT         21986           2147         ACAGAUCA A UCACCCUC         4866         GAGGTGG GGCTAGCTACAACGA TGTACAACGA TGTACAACGA CTCTGCC         21986           2234         UCUUACA A CCACCUC         4866         GAGGTGG GGCTAGCTACAACGA CTCTGCC         21988           2234         UCUUAGGA A CACAGCUU         4868         AAGCTGTG GGCTA	2014	ACGACCUA A CGCCAGUG	4854	CACTGGCG GGCTAGCTACAACGA TAGGTCGT	21975
2069         CACGGCCA A CGCUAAGG         4857         CCTTAGCG GGCTACAACGA TGGCCGTG         21978           2083         AGGUCCUG A UUGAAUUG         4858         CAATTCAA GGCTACCTACAACGA CAGGACCT         21979           2088         CUGAUUGA A UUGGAACC         4859         GGTTCCAA GGCTAGCTACAACGA TCAATCAG         21980           2094         GAAUUGGA A CCACCCUU         4860         AAGGTGG GGCTAGCTACAACGA TCCAATC         21981           2108         CUUUGGAG A CUCAUACA         4861         TGTATGAG GGCTAGCTACAACGA CTCCAAAG         21982           2136         AGAGAGAA A CAGAUCAA         4862         ATCTGTTG GGCTACCAACGA TCTCCTCT         21983           2139         GGAGAACA A CAGAUCAA         4863         TTGATCTG GGCTAGCTACAACGA TCTCTCC         21984           2147         ACAGAUCA A UCACCAUU         4864         GTGATTGA         GGCTAGCTACAACGA TGATCAGCT         21986           2194         CCUUUACA A CCACCCUC         4866         GAGGTGG GGCTAGCTACAACGA TGATACAGC         21987           2217         GCGCAGAG A CUAGCCGC         4867         GCGGCTAG GGCTAGCTACAACGA CTCCTAGA         21980           2234         UCUAGGAG A CUAGGUU         4868         AAGCTGTG GGCTAGCTACAACGA CTCCTAGA         21980           2246         AGCUUGG A UCAGUUGGU         4870         CCCAACTGA GGCTAGCTACA	2028	GUGGGCAG A UUGGUCAC	4855	GTGACCAA GGCTAGCTACAACGA CTGCCCAC	21976
2083         AGGUCCUG A UUGAAUUG         4858         CAATTCAA GGCTAGCTACAACGA CAGGACCT         21979           2088         CUGAUUGA A UUGGAACC         4859         GGTTCCAA GGCTAGCTACAACGA TCAATCA         21980           2094         GAAUUGGA A CACACCUU         4860         AAGGGTG GGCTAGCTACAACGA TCCAAATC         21981           2108         CUUUUGAG A CUCAUACA         4861         TGTATGAG GGCTACAACGA TCCCAAAG         21982           2136         AGAGGAGA A CACACGAU         4862         ATCTGTTG GGCTACAACGA TCTCCTCT         21983           2139         GGAGAACA A CAGAUCAA         4863         TTGATCTG GGCTACAACGA TCTCTCC         21984           2143         AACAACAG A UCACCAUU         4865         ATGGTGA GGCTAGCTACAACGA TGTTCTC         21985           2147         ACAGAUCA A UCACCAUU         4865         GAGGTGG GGCTAGCTACAACGA TGTACAGC         21986           2217         GCGCAGAG A CUAGCCGC         4867         GCGCCTAG GGCTACAACGA CTCTGCGC         21988           2234         UCUAGGAG A CACAGCUU         4868         AAGCTGTG GGCTACAACGA CTCCTAGA         21989           2246         AGCUUGGA A UCAGUUGG         4869         ATCCAAAG GGCTACAACGA CCAAAGTC         21990           2253         GACUUUGG A UCAGUGGG         4870         CCCACTGA GGCTACAACGA CCAAAGTC         21991	2042	CACUGUCA A CCCUUUUG	4856	CAAAAGGG GGCTAGCTACAACGA TGACAGTG	21977
2088         CUGAUUGA A UUGGAACC         4859         GGTTCCAA GGCTAGCTACAACGA TCAATCAG         21980           2094         GAAUUGGA A CCACCCUU         4860         AAGGGTGG GGCTAGCTACAACGA TCCAATTC         21981           2108         CUUUGGAG A CUCAUACA         4861         TGTATGAG GGCTAGCTACAACGA TCCAAAGG         21982           2136         AGAGGAGA A CAGAUCAA         4861         TGTATTG GGCTAGCTACAACGA TCTCCTCT         21984           2139         GGAGAACA A CAGAUCAA         4863         TTGATCTG GGCTAGCTACAACGA TGTTCTC         21984           2143         AACAACAG A UCAACCAU         4864         GTGATTGA GGCTAGCTACAACGA TGTTCTT         21985           2147         ACAGAUCA A UCACCAUU         4865         AATGGTGA GGCTAGCTACAACGA TGTTCTGT         21986           2194         CCUUUACA A CCACCCUC         4866         GAGGGTGG GGCTAGCTACAACGA TGTACAACGA CTCTGGC         21987           2217         GCGCAGAG A CUAGCCGC         4867         GCGGCTAG GGCTAGCTACAACGA CTCCTAGA         21982           2234         UCUAGGAG A CUAGCUU         4868         AAGCTGTG GGCTAGCTACAACGA CTCTAGA         21982           2246         AGCUUGG A UCAGUUGG         4870         CCAACTGA GGCTAGCTACAACGA CCCAAGCT         21990           2253         GACUUUGG A UCAGUUGG         4871         TTGCGTA GGCTAGCTACAACGA	2069	CACGGCCA A CGCUAAGG	4857	CCTTAGCG GGCTAGCTACAACGA TGGCCGTG	21978
2094         GAAUUGGA A CCACCUU         4860         AAGGGTGG GGCTAGCTACAACGA TCCAATTC         21981           2108         CUUUGGAG A CUCAUACA         4861         TGTATGAG GGCTAGCTACAACGA CTCCAAAG         21982           2136         AGAGGAGA A CAACAGAU         4862         ATCTGTTG GGCTAGCTACAACGA TGTCCTCT         21983           2139         GGAGAACA A CAGAUCAA         4863         TTGATCTG GGCTAGCTACAACGA TGTCTCC         21984           2143         AACAACAG A UCACCAU         4865         GGTAGGTAGCTACAACGA TGTTCTC         21986           2147         ACAGAUCA A UCACCAUU         4865         AATGGTGA GGCTAGCTACAACGA TGATCTGT         21986           2194         CCUUUACA A CCACCCUC         4866         GAGGTGG GGCTAGCTACAACGA TGATACAGA         21987           2217         GCGCAGAG A CUAGCCGC         4867         GCGGCTAG GGCTAGCTACAACGA CTCTAGA         21988           2234         UCUAGGAG A CUAGCUU         4868         AAGCTGTG GGCTAGCTACAACGA CTCTAGA         21989           2246         AGCUUGG A CUUUGGAU         4869         ATCCAAAG GGCTAGCTACAACGA CCCAAGCT         21990           2253         GACUUUGG A UAACGCAA         4871         TTGCGTA GGCTAGCTACAACGA CCAAACT         21992           2344         UGUCUGG A UAACGCAA         4871         TTGCGTGA GGCTAGCTACAACGA CCAGACA	2083	AGGUCCUG A UUGAAUUG	4858	CAATTCAA GGCTAGCTACAACGA CAGGACCT	21979
2108         CUUUGGAG A CUCAUACA         4861         TGTATGAG GGCTAGCTACAACGA CTCCAAAG         21982           2136         AGAGGAGA A CACAGAU         4862         ATCTGTTG GGCTAGCTACAACGA TCTCCTCT         21983           2139         GGAGAACA A CAGAUCAA         4863         TTGATCTG GGCTAGCTACAACGA TGTTCTCC         21984           2143         AACAACAG A UCAAUCAC         4864         GTGATTGA GGCTACAACGA TGTTCTT         21985           2147         ACAGAUCA A UCACCCUC         4865         AATGGTGA GGCTAGCTACAACGA TGATCTGT         21986           2194         CCUUUACA A CCACCCUC         4866         GAGGTGG GGCTAGCTACAACGA TGTAAAGG         21987           2217         GCGCAGAG A CUAGCCUC         4866         GAGGTTGG GGCTAGCTACAACGA TGTAAAGG         21987           2234         UCUAGGAG A CACAGCUU         4868         AAGCTGTG GGCTAGCTACAACGA CTCTAGA         21989           2246         AGCUUGG A CUUUGGAU         4869         ATCCAAAG GGCTAGCTACAACGA CCCAAGCT         21990           2253         GACUUUGG A UCAGUUGG         4870         CCCAACTGA GGCTAGCTACAACGA CCAAGGAC         21991           2344         UGUCCUGG A UCAGCAA         4871         TTGCGTTA GGCTACCAACGA TATCCAGG         21992           2347         CCUGGAUA A CGCAAGGA         4872         TCCTTGCG GGCTAGCTACAACGA CCTGCGT	2088	CUGAUUGA A UUGGAACC	4859	GGTTCCAA GGCTAGCTACAACGA TCAATCAG	
2136         AGAGGAGA A CAACAGAU         4862         ATCTGTTG GGCTAGCAACGA TCTCCTCT         21983           2139         GGAGAACA A CAGAUCAA         4863         TTGATCTG GGCTAGCAACGA TGTTCTCC         21984           2143         AACAACAG A UCAAUCAC         4864         GTGATTGA GGCTAGCACACGA CTGTTGTT         21985           2147         ACAGAUCA A UCACCAUU         4865         AATGGTGA GGCTAGCTACACGA TGATCTGT         21986           2194         CCUUUACA A CCACCCUC         4866         GAGGGTGG GGCTAGCTACAACGA CTCTGCGC         21987           2217         GCGCAGGA C CUAGCCGC         4867         GCGGCTAG GGCTAGCTACAACGA CTCTAGA         21987           2234         UCUAGGAG A CUAGCCGC         4868         AAGCTGTG GGCTAGCTACACGA CTCTAGA         21988           2246         AGCUUGGG A CUUUGGAU         4869         ATCCAAG GGCTAGCTACAACGA CTCAAGCT         21990           2253         GACUUUGG A UCAGUUGG         4870         CCAACTGA GGCTAGCTACAACGA CCAAGGT         21991           2344         UGUCCUGG A UAACGCAA         4871         TTGCGTTA GGCTACAACGA CCAGGACA         21992           2347         CCUGGAUA A CGCAAGGA         4872         TCCTTGCG GGCTAGCTACACGA CCTTGCGT         21994           2380         UGUUGUG A UGGUCA         4873         CCCAGCA GGCTAGCTACACGA CCACACA         21	2094	GAAUUGGA A CCACCCUU	4860		21981
2139         GGAGAACA         A CAGAUCAA         4863         TTGATCTG         GGCTAGCTACAACGA         TGTTCTCC         21984           2143         AACAACAG         A UCAAUCAC         4864         GTGATTGA         GGCTAGCTACAACGA         CTGTTGTT         21985           2147         ACAGAUCA         A UCACCAUU         4865         AATGGTGA         GGCTAGCTACAACGA         TGATCTGT         21986           2194         CCUUUACA         A CCACCCUC         4866         GAGGGTGG         GGCTAGCTACAACGA         TTTGAAAGG         21987           2217         GCGCAGAG         A CACAGCUU         4868         AAGCTGTG         GGCTAGCTACAACGA         CTCTAGCA         21988           2234         UCUAGGAG         A CACAGCUU         4868         AAGCTGTG         GGCTAGCTACAACGA         CTCCTAGA         21989           2246         AGCUUGGG         A UCAGUUGG         4870         CCAAACTGA         GCTAGCTACAACGA         CCCAAGCT         21991           2344         UGUCCUGG         A UAACGCAA         4871         TTGCGTTA         GGCTAGCTACAACGA         CCAAGACA         21992           2347         CCUGGAUA         A CGCAAGGA         4872         TCCTTGCG         GGCTAGCTACAACGA         CCTTGCGT         21994           <	2108		4861		21982
2143         AACAACAG A UCAAUCAC         4864         GTGATTGA GGCTAGCTACAACGA CTGTTGTT         21985           2147         ACAGAUCA A UCACCAUU         4865         AATGGTGA GGCTAGCTACAACGA TGATCTGT         21986           2194         CCUUUACA A CCACCCUC         4866         GAGGGTGG GGCTAGCTACAACGA TGTAAAGG         21987           2217         GCGCAGAG A CUAGCCGC         4867         GCGGCTAG GGCTACAACGA CTCTAGA         21988           2234         UCUAGGAG A CACAGCUU         4868         AAGCTGTG GGCTAGCTACAACGA CTCCTAGA         21989           2246         AGCUUGGG A CUUUGGAU         4869         ATCCAAAG GGCTAGCTACAACGA CCCAAGCT         21990           2253         GACUUUGG A UCAGUUGG         4870         CCAACTGA GGCTAGCTACAACGA CCAAGAC         21991           2344         UGUCCUGG A UAACGCAA         4871         TTGCGTTA GGCTAGCTACAACGA CCAGGACA         21992           2347         CCUGGAUA A CGCAAGGA         4872         TCCTTGCG GGCTAGCTACAACGA CTTGCGT         21994           2355         ACGCAAGG A UUGCUGGG         4873         CCCAGCAA GGCTAGCTACAACGA CCTTGCGT         21994           2380         UGUUGUG A UGGGCAUCA         4874         GATGCCCA GGCTAGCTACAACGA CACGAACA         21995           2399         UGCUCGUG A UAGGUCCA         4875         CAGAGCA GGCTAGCTACAACGA TGACGACA <td>2136</td> <td>AGAGGAGA A CAACAGAU</td> <td>4862</td> <td>ATCTGTTG GGCTAGCTACAACGA TCTCCTCT</td> <td>21983</td>	2136	AGAGGAGA A CAACAGAU	4862	ATCTGTTG GGCTAGCTACAACGA TCTCCTCT	21983
2147         ACAGAUCA A UCACCAUU         4865         AATGGTGA GGCTAGCTACAACGA TGATCTGT         21986           2194         CCUUUACA A CCACCCUC         4866         GAGGGTGG GGCTAGCTACAACGA TGTAAAGG         21987           2217         GCGCAGAG A CUAGCCGC         4867         GCGGCTAG GGCTAGCTACAACGA CTCTGCGC         21988           2234         UCUAGGAG A CACAGCUU         4868         AAGCTGTG GGCTAGCTACAACGA CTCCTAGA         21989           2246         AGCUUGGG A CUUUGGAU         4869         ATCCAAAG GGCTAGCTACAACGA CCCAAGCT         21990           2253         GACUUUGG A UCAGUUGG         4870         CCCAACTGA GGCTAGCTACAACGA CCAAGACC         21991           2344         UGUCCUGG A UAACGCAA         4871         TTGCGTTA GGCTACCAACGA CCAGGACA         21992           2347         CCUGGAUA A CGCAAGGA         4872         TCCTTGCG GGCTAGCTACAACGA TATCCAGG         21993           2355         ACGCAAGG A UUGCUGGG         4873         CCCAGCAA GGCTAGCTACAACGA CCACAACA         21995           2390         UGUUGUG A UGGGCAUC         4874         GATGCCCA GGCTAGCTACAACGA CACAACA         21995           2399         UGCUCGUG A UAGGUCCA         4875         CACGAGCA GGCTAGCTACAACGA TCACGAGC         21996           2459         CUCCGUGA A CGUCGACG         4877         CGTGCACG GGCTAGCTACAACGA CACGAGC	2139	GGAGAACA A CAGAUCAA	4863	TTGATCTG GGCTAGCTACAACGA TGTTCTCC	21984
2194         CCUUUACA A CCACCCUC         4866         GAGGGTGG GGCTAGCTACAACGA TGTAAAGG         21987           2217         GCGCAGAG A CUAGCCGC         4867         GCGGCTAG GGCTAGCTACAACGA CTCTGCGC         21988           2234         UCUAGGAG A CACAGCUU         4868         AAGCTGTG GGCTAGCTACAACGA CTCCTAGA         21989           2246         AGCUUGG A CUUUGGAU         4869         ATCCAAAG GGCTAGCTACAACGA CCCAAGCT         21990           2253         GACUUUGG A UCAGUUGG         4870         CCAACTGA GGCTAGCTACAACGA CCAAGATC         21991           2344         UGUCCUGG A UAACGCAA         4871         TTGCGTTA GGCTAGCTACAACGA CCAGGACA         21992           2347         CCUGGAUA A CGCAAGGA         4872         TCCTTGCG GGCTAGCTACAACGA TATCCAGG         21993           2355         ACGCAAGG A UUGCUGGG         4873         CCCAGCAA GGCTAGCTACAACGA CCTTGCGT         21994           2380         UGUUGUG A UGGGCAUC         4874         GATGCCCA GGCTAGCTACAACGA CCACAACA         21995           2390         GGGCAUCA A UGCUCGUG         4875         CACGAGCA GGCTAGCTACAACGA CACGAGC         21996           2399         UGCUCGUG A UAGGUCCA         4876         TGGACCTA GGCTAGCTACAACGA CACGAGC         21997           2459         CUCCGUGA A CGUGGGU         4877         CGTGCACG GGCTAGCTACAACGA CACGAGC<	2143		4864	<del></del>	<del></del>
2217         GCGGCAGAG A CUAGCCGC         4867         GCGGCTAG GGCTAGCTACAACGA CTCTGCGC         21988           2234         UCUAGGAG A CACAGCUU         4868         AAGCTGTG GGCTAGCTACAACGA CTCCTAGA         21989           2246         AGCUUGGG A CUUUGGAU         4869         ATCCAAAG GGCTAGCTACAACGA CCCAAGCT         21990           2253         GACUUUGG A UCAGUUGG         4870         CCAACTGA GGCTAGCTACAACGA CCAAGACA         21991           2344         UGUCCUGG A UAACGCAA         4871         TTGCGTTA GGCTAGCTACAACGA CCAGGACA         21992           2347         CCUGGAUA A CGCAAGGA         4872         TCCTTGCG GGCTAGCTACAACGA TATCCAGG         21993           2355         ACGCAAGG A UUGCUGGG         4873         CCCAGCAA GGCTAGCTACAACGA CCTTGCGT         21994           2380         UGUUGUG A UGGCAUC         4874         GATGCCCA GGCTAGCTACAACGA CACAACA         21995           2390         GGGCAUCA A UGCUCGUG         4875         CACGAGCA GGCTAGCTACAACGA TGATGCC         21996           2399         UGCUCGUGA A CGUGCACG         4876         TGGACCTA GGCTAGCTACAACGA CACGAGCA         21997           2459         CUCCGUGA A CGUGCACG         4877         CGTGCACG GGCTAGCTACAACGA CACGTGC         21998           2471         GCACGCUG A CACUGGCC         4879         GGCTGAGCTACAACGA CACGTGC			<del> </del>		+
2234UCUAGGAG A CACAGCUU4868AAGCTGTG GGCTAGCTACAACGA CTCCTAGA219892246AGCUUGG A CUUUGGAU4869ATCCAAAG GGCTAGCTACAACGA CCCAAGCT219902253GACUUUGG A UCAGUUGG4870CCAACTGA GGCTAGCTACAACGA CCAAAGTC219912344UGUCCUGG A UAACGCAA4871TTGCGTTA GGCTAGCTACAACGA CCAGGACA219922347CCUGGAUA A CGCAAGGA4872TCCTTGCG GGCTAGCTACAACGA TATCCAGG219932355ACGCAAGG A UUGCUGGG4873CCCAGCAA GGCTAGCTACAACGA CCTTGCGT219942380UGUUGUG A UGGGCAUC4874GATGCCCA GGCTAGCTACAACGA CCACAACA219952390GGGCAUCA A UGCUCGUG4875CACGACGA GGCTAGCTACAACGA TGATGCCC219962399UGCUCGUG A UAGGUCCA4876TGGACCTA GGCTAGCTACAACGA CACGAGCA219972459CUCCGUGA A CGUGCACG4877CGTGCACG GGCTAGCTACAACGA TCACGGAG219982471GCACGCUG A CACUGGGU4878ACCCAGTG GGCTAGCTACAACGA CAGCGTGC219992489UGCCAUAG A CAUCAGCC4879GGCTGATG GGCTAGCTACAACGA CTATGGCA220002511GAGCUGAG A UGUGGAAG4880CTTCCACA GGCTAGCTACAACGA CTCAGCTC220012537CAUACACA A UGAUGUG4881CCACATCA GGCTAGCTACAACGA CATTGTGT220022540ACACAAUG A UGUGGAGG4882CCTCCACA GGCTAGCTACAACGA CATTGTGT22003			<del></del>	<u> </u>	<del></del>
2246 AGCUUGGG A CUUUGGAU 4869 ATCCAAAG GGCTAGCTACAACGA CCCAAGCT 21990 2253 GACUUUGG A UCAGUUGG 4870 CCAACTGA GGCTAGCTACAACGA CCCAAGTC 21991 2344 UGUCCUGG A UAACGCAA 4871 TTGCGTTA GGCTAGCTACAACGA CCAGGACA 21992 2347 CCUGGAUA A CGCAAGGA 4872 TCCTTGCG GGCTAGCTACAACGA TATCCAGG 21993 2355 ACGCAAGG A UUGCUGGG 4873 CCCAGCAA GGCTAGCTACAACGA CCTTGCGT 21994 2380 UGUUGUGG A UGGGCAUC 4874 GATGCCCA GGCTAGCTACAACGA CCACAACA 21995 2390 GGGCAUCA A UGCUCGUG 4875 CACGAGCA GGCTAGCTACAACGA TGATGCCC 21996 2399 UGCUCGUG A UAGGUCCA 4876 TGGACCTA GGCTAGCTACAACGA CACGAGCA 21997 2459 CUCCGUGA A CGUGCACG 4877 CGTGCACG GGCTAGCTACAACGA TCACGGAG 21998 2471 GCACGCUG A CACUGGGU 4878 ACCCAGTG GGCTAGCTACAACGA CAGCGTGC 21999 2489 UGCCAUAG A CAUCAGCC 4879 GGCTGATG GGCTAGCTACAACGA CAGCGTGC 21999 2489 UGCCAUAG A CAUCAGCC 4879 GGCTGATG GGCTAGCTACAACGA CTATGGCA 22000 2511 GAGCUGAG A UGUGGAAG 4880 CTTCCACA GGCTAGCTACAACGA CTCAGCTC 22001 2537 CAUACACA A UGAUGUGG 4881 CCACATCA GGCTAGCTACAACGA TGTGTATG 22002 2540 ACACAAUG A UGUGGAGG 4882 CCTCCACA GGCTAGCTACAACGA CATTGTGT 22003			<del></del>	<u> </u>	+
2253         GACUUUGG A UCAGUUGG         4870         CCAACTGA GGCTAGCTACAACGA CCAAAGTC         21991           2344         UGUCCUGG A UAACGCAA         4871         TTGCGTTA GGCTAGCTACAACGA CCAGGACA         21992           2347         CCUGGAUA A CGCAAGGA         4872         TCCTTGCG GGCTAGCTACAACGA TATCCAGG         21993           2355         ACGCAAGG A UUGCUGGG         4873         CCCAGCAA GGCTAGCTACAACGA CCTTGCGT         21994           2380         UGUUGUGG A UGGGCAUC         4874         GATGCCCA GGCTAGCTACAACGA CCACAACA         21995           2390         GGGCAUCA A UGCUCGUG         4875         CACGAGCA GGCTAGCTACAACGA TGATGCCC         21996           2399         UGCUCGUG A UAGGUCCA         4876         TGGACCTA GGCTAGCTACAACGA CACGAGCA         21997           2459         CUCCGUGA A CGUGCACG         4877         CGTGCACG GGCTAGCTACAACGA TCACGGAG         21998           2471         GCACGCUG A CACUGGGU         4878         ACCCAGTG GGCTAGCTACAACGA CAGCGTGC         21999           2489         UGCCAUAG A CAUCAGCC         4879         GGCTGATG GGCTAGCTACAACGA CTATGGCA         22000           2511         GAGCUGAG A UGUGGAAG         4880         CTTCCACA GGCTAGCTACAACGA CTCAGCTC         22001           2537         CAUACACA A UGAUGUG         4881         CCCCCACACA GGCTAGCTACAACGA CA			<del></del>	<u> </u>	
2344 UGUCCUGG A UAACGCAA 4871 TTGCGTTA GGCTAGCTACAACGA CCAGGACA 21992 2347 CCUGGAUA A CGCAAGGA 4872 TCCTTGCG GGCTAGCTACAACGA TATCCAGG 21993 2355 ACGCAAGG A UUGCUGGG 4873 CCCAGCAA GGCTAGCTACAACGA CCTTGCGT 21994 2380 UGUUGUGG A UGGGCAUC 4874 GATGCCCA GGCTAGCTACAACGA CCACAACA 21995 2390 GGGCAUCA A UGCUCGUG 4875 CACGAGCA GGCTAGCTACAACGA TGATGCCC 21996 2399 UGCUCGUG A UAGGUCCA 4876 TGGACCTA GGCTAGCTACAACGA CACGAGCA 21997 2459 CUCCGUGA A CGUGCACG 4877 CGTGCACG GGCTAGCTACAACGA TCACGGAG 21998 2471 GCACGCUG A CACUGGGU 4878 ACCCAGTG GGCTAGCTACAACGA CAGCGTGC 21999 2489 UGCCAUAG A CAUCAGCC 4879 GGCTGATG GGCTAGCTACAACGA CTATGGCA 22000 2511 GAGCUGAG A UGUGGAAG 4880 CTTCCACA GGCTAGCTACAACGA CTCAGCTC 22001 2537 CAUACACA A UGAUGUGG 4881 CCACATCA GGCTAGCTACAACGA CATTGTGT 22003			<del> </del>		
2347 CCUGGAUA A CGCAAGGA 4872 TCCTTGCG GGCTAGCTACAACGA TATCCAGG 21993 2355 ACGCAAGG A UUGCUGGG 4873 CCCAGCAA GGCTAGCTACAACGA CCTTGCGT 21994 2380 UGUUGUGG A UGGGCAUC 4874 GATGCCCA GGCTAGCTACAACGA CCACAACA 21995 2390 GGGCAUCA A UGCUCGUG 4875 CACGAGCA GGCTAGCTACAACGA TGATGCCC 21996 2399 UGCUCGUG A UAGGUCCA 4876 TGGACCTA GGCTAGCTACAACGA CACGAGCA 21997 2459 CUCCGUGA A CGUGCACG 4877 CGTGCACG GGCTAGCTACAACGA TCACGGAG 21998 2471 GCACGCUG A CACUGGGU 4878 ACCCAGTG GGCTAGCTACAACGA CAGCGTGC 21999 2489 UGCCAUAG A CAUCAGCC 4879 GGCTGATG GGCTAGCTACAACGA CTATGGCA 22000 2511 GAGCUGAG A UGUGGAAG 4880 CTTCCACA GGCTAGCTACAACGA CTCAGCTC 22001 2537 CAUACACA A UGAUGUGG 4881 CCACATCA GGCTAGCTACAACGA CATTGTGT 22002 2540 ACACAAUG A UGUGGAGG 4882 CCTCCACA GGCTAGCTACAACGA CATTGTGT 22003				<u></u>	<del></del>
2355 ACGCAAGG A UUGCUGGG 4873 CCCAGCAA GGCTAGCTACAACGA CCTTGCGT 21994 2380 UGUUGUG A UGGGCAUC 4874 GATGCCCA GGCTAGCTACAACGA CCACAACA 21995 2390 GGGCAUCA A UGCUCGUG 4875 CACGAGCA GGCTAGCTACAACGA TGATGCCC 21996 2399 UGCUCGUG A UAGGUCCA 4876 TGGACCTA GGCTAGCTACAACGA CACGAGCA 21997 2459 CUCCGUGA A CGUGCACG 4877 CGTGCACG GGCTAGCTACAACGA TCACGGAG 21998 2471 GCACGCUG A CACUGGGU 4878 ACCCAGTG GGCTAGCTACAACGA CACGAGCC 21999 2489 UGCCAUAG A CAUCAGCC 4879 GGCTGATG GGCTAGCTACAACGA CTATGGCA 22000 2511 GAGCUGAG A UGUGGAAG 4880 CTTCCACA GGCTAGCTACAACGA CTCAGCTC 22001 2537 CAUACACA A UGAUGUGG 4881 CCACATCA GGCTAGCTACAACGA CATTGTATG 22002 2540 ACACAAUG A UGUGGAGG 4882 CCTCCACA GGCTAGCTACAACGA CATTGTGT 22003			<del></del>	<del></del>	+
2380 UGUUGUGG A UGGGCAUC 4874 GATGCCCA GGCTAGCTACAACGA CCACAACA 21995 2390 GGGCAUCA A UGCUCGUG 4875 CACGAGCA GGCTAGCTACAACGA TGATGCCC 21996 2399 UGCUCGUG A UAGGUCCA 4876 TGGACCTA GGCTAGCTACAACGA CACGAGCA 21997 2459 CUCCGUGA A CGUGCACG 4877 CGTGCACG GGCTAGCTACAACGA TCACGGAG 21998 2471 GCACGCUG A CACUGGGU 4878 ACCCAGTG GGCTAGCTACAACGA CAGCGTGC 21999 2489 UGCCAUAG A CAUCAGCC 4879 GGCTGATG GGCTAGCTACAACGA CTATGGCA 22000 2511 GAGCUGAG A UGUGGAAG 4880 CTTCCACA GGCTAGCTACAACGA CTCAGCTC 22001 2537 CAUACACA A UGAUGUGG 4881 CCACATCA GGCTAGCTACAACGA TGTGTATG 22002 2540 ACACAAUG A UGUGGAGG 4882 CCTCCACA GGCTAGCTACAACGA CATTGTGT 22003				<del></del>	+
2390 GGGCAUCA A UGCUCGUG 4875 CACGAGCA GGCTAGCTACAACGA TGATGCCC 21996 2399 UGCUCGUG A UAGGUCCA 4876 TGGACCTA GGCTAGCTACAACGA CACGAGCA 21997 2459 CUCCGUGA A CGUGCACG 4877 CGTGCACG GGCTAGCTACAACGA TCACGGAG 21998 2471 GCACGCUG A CACUGGGU 4878 ACCCAGTG GGCTAGCTACAACGA CAGCGTGC 21999 2489 UGCCAUAG A CAUCAGCC 4879 GGCTGATG GGCTAGCTACAACGA CTATGGCA 22000 2511 GAGCUGAG A UGUGGAAG 4880 CTTCCACA GGCTAGCTACAACGA CTCAGCTC 22001 2537 CAUACACA A UGAUGUGG 4881 CCACATCA GGCTAGCTACAACGA TGTGTATG 22002 2540 ACACAAUG A UGUGGAGG 4882 CCTCCACA GGCTAGCTACAACGA CATTGTGT 22003	<u> </u>			<u></u>	<del></del>
2399 UGCUCGUG A UAGGUCCA 4876 TGGACCTA GGCTAGCTACAACGA CACGAGCA 21997 2459 CUCCGUGA A CGUGCACG 4877 CGTGCACG GGCTAGCTACAACGA TCACGGAG 21998 2471 GCACGCUG A CACUGGGU 4878 ACCCAGTG GGCTAGCTACAACGA CAGCGTGC 21999 2489 UGCCAUAG A CAUCAGCC 4879 GGCTAGT GGCTAGCTACAACGA CTATGGCA 22000 2511 GAGCUGAG A UGUGGAAG 4880 CTTCCACA GGCTAGCTACAACGA CTCAGCTC 22001 2537 CAUACACA A UGAUGUGG 4881 CCACATCA GGCTAGCTACAACGA TGTGTATG 22002 2540 ACACAAUG A UGUGGAGG 4882 CCTCCACA GGCTAGCTACAACGA CATTGTGT 22003				<u> </u>	
2459CUCCGUGA A CGUGCACG4877CGTGCACG GGCTAGCTACAACGA TCACGGAG219982471GCACGCUG A CACUGGGU4878ACCCAGTG GGCTAGCTACAACGA CAGCGTGC219992489UGCCAUAG A CAUCAGCC4879GGCTGATG GGCTAGCTACAACGA CTATGGCA220002511GAGCUGAG A UGUGGAAG4880CTTCCACA GGCTAGCTACAACGA CTCAGCTC220012537CAUACACA A UGAUGUGG4881CCACATCA GGCTAGCTACAACGA TGTGTATG220022540ACACAAUG A UGUGGAGG4882CCTCCACA GGCTAGCTACAACGA CATTGTGT22003	<del></del>				
2471 GCACGCUG A CACUGGGU 4878 ACCCAGTG GGCTAGCTACAACGA CAGCGTGC 21999 2489 UGCCAUAG A CAUCAGCC 4879 GGCTGATG GGCTAGCTACAACGA CTATGGCA 22000 2511 GAGCUGAG A UGUGGAAG 4880 CTTCCACA GGCTAGCTACAACGA CTCAGCTC 22001 2537 CAUACACA A UGAUGUGG 4881 CCACATCA GGCTAGCTACAACGA TGTGTATG 22002 2540 ACACAAUG A UGUGGAGG 4882 CCTCCACA GGCTAGCTACAACGA CATTGTGT 22003			<del></del>		<del></del>
2489UGCCAUAG A CAUCAGCC4879GGCTGATG GGCTAGCTACAACGA CTATGGCA220002511GAGCUGAG A UGUGGAAG4880CTTCCACA GGCTAGCTACAACGA CTCAGCTC220012537CAUACACA A UGAUGUGG4881CCACATCA GGCTAGCTACAACGA TGTGTATG220022540ACACAAUG A UGUGGAGG4882CCTCCACA GGCTAGCTACAACGA CATTGTGT22003				<del> </del>	
2511 GAGCUGAG A UGUGGAAG 4880 CTTCCACA GGCTAGCTACAACGA CTCAGCTC 22001 2537 CAUACACA A UGAUGUGG 4881 CCACATCA GGCTAGCTACAACGA TGTGTATG 22002 2540 ACACAAUG A UGUGGAGG 4882 CCTCCACA GGCTAGCTACAACGA CATTGTGT 22003	<del></del>				
2537 CAUACACA A UGAUGUGG 4881 CCACATCA GGCTAGCTACAACGA TGTGTATG 22002 2540 ACACAAUG A UGUGGAGG 4882 CCTCCACA GGCTAGCTACAACGA CATTGTGT 22003			<del>}</del>	<u> </u>	
2540 ACACAAUG A UGUGGAGG 4882 CCTCCACA GGCTAGCTACAACGA CATTGTGT 22003				<u></u>	
<u> </u>	<del></del>		+		+
2554 AGGCUUGG A UGGACCGG   4883   CCGGTCCA GGCTAGCTACAACGA CCAAGCCT   22004			<del></del>		
	2554	AGGCUUGG A UGGACCGG	4883	CCGGTCCA GGCTAGCTACAACGA CCAAGCCT	22004

WO 02/068637	Table VI	PCT/US01/48350

	THE CONTRACT OF THE CONTRACT O	4004	MCD2CCC CCCD2CCC2C2C2CCCCC2	2000
2558	UUGGAUGG A CCGGUACA	4884	TGTACCGG GGCTAGCTACAACGA CCATCCAA	22005
2581	ACCCUGAA A CGCCACAA	4885	TTGTGGCG GGCTAGCTACAACGA TTCAGGGT	22006
2602	UAGCCAAG A UCAUUCAG	4886	CTGAATGA GGCTAGCTACAACGA CTTGGCTA	22007
2643	GGUCUACG A UCAGUUUC	4887	GAAACTGA GGCTAGCTACAACGA CGTAGACC	22008
2655	GUUUCCAG A CUGGAGCA	4888	TGCTCCAG GGCTAGCTACAACGA CTGGAAAC	22009
2668	AGCAUCAA A UGUGGGAA	4889	TTCCCACA GGCTAGCTACAACGA TTGATGCT	22010
2687	AGUGAAGG A CGAGCUGA	4890	TCAGCTCG GGCTAGCTACAACGA CCTTCACT	22011
2696	CGAGCUGA A CACUCUUU	4891	AAAGAGTG GGCTAGCTACAACGA TCAGCTCG	22012
	GAAGGAGA A UGGUGUGG	4892	CCACACCA GGCTAGCTACAACGA TCTCCTTC	22013
2714			<del></del>	
2723	UGGUGUGG A CCUUAGUG	4893	CACTAAGG GGCTAGCTACAACGA CCACACCA	22014
2745	GUUGAGAA A CAGGAGGG	4894	CCCTCCTG GGCTAGCTACAACGA TTCTCAAC	22015
2755	AGGAGGGA A UGUACAAG	4895	CTTGTACA GGCTAGCTACAACGA TCCCTCCT	22016
2775	GCACCUAA A CGCCUCAC	4896	GTGAGGCG GGCTAGCTACAACGA TTAGGTGC	22017
2799	ACGGAAAA A UUGGAAAU	4897	ATTTCCAA GGCTAGCTACAACGA TTTTCCGT	22018
2806	AAUUGGAA A UUGGCUGG	4898	CCAGCCAA GGCTAGCTACAACGA TTCCAATT	22019
2850	GCACCAGA A CUCGCCAA	4899	TTGGCGAG GGCTAGCTACAACGA TCTGGTGC	22020
2858	ACUCGCCA A CAACACCU	4900	AGGTGTTG GGCTAGCTACAACGA TGGCGAGT	22021
2861	CGCCAACA A CACCUUUG	4901	CAAAGGTG GGCTAGCTACAACGA TGTTGGCG	22022
			CCGGACCA GGCTAGCTACAACGA CAACCACA	
2876	UGUGGUUG A UGGUCCGG	4902		22023
2887	GUCCGGAG A CCAAGGAA	4903	TTCCTTGG GGCTAGCTACAACGA CTCCGGAC	22024
2895	ACCAAGGA A UGUCCGAC	4904	GTCGGACA GGCTAGCTACAACGA TCCTTGGT	22025
2902	AAUGUCCG A CUCAGAAU	4905	ATTCTGAG GGCTAGCTACAACGA CGGACATT	22026
2909	GACUCAGA A UCGCGCUU	4906	AAGCGCGA GGCTAGCTACAACGA TCTGAGTC	22027
2921	CGCUUGGA A UAGCUUAG	4907	CTAAGCTA GGCTAGCTACAACGA TCCAAGCG	22028
2939	AGUGGAGG A UUUUGGAU	4908	ATCCAAAA GGCTAGCTACAACGA CCTCCACT	22029
2946	GAUUUUGG A UUUGGUCU	4909	AGACCAAA GGCTAGCTACAACGA CCAAAATC	22030
2968	GCACUCGG A UGUUCCUG	4910	CAGGAACA GGCTAGCTACAACGA CCGAGTGC	22031
2993	AGAGAGCA A CACAACUG	4911	CAGTTGTG GGCTAGCTACAACGA TGCTCTCT	22032
2998	GCAACACA A CUGAAUGU	4912	ACATTCAG GGCTAGCTACAACGA TGTGTTGC	22033
		4913	GAGTCACA GGCTAGCTACAACGA TCAGTTGT	
3003	ACAACUGA A UGUGACUC			22034
3008	UGAAUGUG A CUCGAAGA	4914	TCTTCGAG GGCTAGCTACAACGA CACATTCA	22035
3016	ACUCGAAG A UCAUUGGA	4915	TCCAATGA GGCTAGCTACAACGA CTTCGAGT	22036
3025	UCAUUGGA A CGGCUGUC	4916	GACAGCCG GGCTAGCTACAACGA TCCAATGA	22037
3038	UGUCAAGA A CAACUUGG	4917	CCAAGTTG GGCTAGCTACAACGA TCTTGACA	22038
3041	CAAGAACA A CUUGGCGA	4918	TCGCCAAG GGCTAGCTACAACGA TGTTCTTG	22039
3049	ACUUGGCG A UCCACAGU	4919	ACTGTGGA GGCTAGCTACAACGA CGCCAAGT	22040
3059	CCACAGUG A CCUGUCCU	4920	AGGACAGG GGCTAGCTACAACGA CACTGTGG	22041
3073	CCUAUUGG A UUGAAAGC	4921	GCTTTCAA GGCTAGCTACAACGA CCAATAGG	22042
3089	CAGGCUCA A UGAUACGU	4922	ACGTATCA GGCTAGCTACAACGA TGAGCCTG	22043
3092	GCUCAAUG A UACGUGGA	4923	TCCACGTA GGCTAGCTACAACGA CATTGAGC	22044
3132	GAAGUCAA A UCAUGUAC	4924	GTACATGA GGCTAGCTACAACGA TTGACTTC	22045
3151	GGCCUGAG A CGCAUACC	4925	GGTATGCG GGCTAGCTACAACGA CTCAGGCC	22046
			GGATTCCA GGCTAGCTACAACGA CGCCCCAC	
3170	GUGGGGCG A UGGAAUCC	4926		22047
3175	GCGAUGGA A UCCUUGAG	4927	CTCAAGGA GGCTAGCTACAACGA TCCATCGC	22048
3188	UGAGAGUG A CUUGAUAA	4928	TTATCAAG GGCTAGCTACAACGA CACTCTCA	22049
3193	GUGACUUG A UAAUACCA	4929	TGGTATTA GGCTAGCTACAACGA CAAGTCAC	22050
3196	ACUUGAUA A UACCAGUC	4930	GACTGGTA GGCTAGCTACAACGA TATCAAGT	22051
3216	CUGGCGGG A CCACGAAG	4931	CTTCGTGG GGCTAGCTACAACGA CCCGCCAG	22052
3227	ACGAAGCA A UCACAAUC	4932	GATTGTGA GGCTAGCTACAACGA TGCTTCGT	22053
3233	CAAUCACA A UCGGAGAC	4933	GTCTCCGA GGCTAGCTACAACGA TGTGATTG	22054
3240	AAUCGGAG A CCUGGGUA	4934	TACCCAGG GGCTAGCTACAACGA CTCCGATT	22055
3253	GGUACAAG A CACAAAAC	4935	GTTTTGTG GGCTAGCTACAACGA CTTGTACC	22056
3260	GACACAAA A CCAGGGCC	4936	GCCCTGG GGCTAGCTACAACGA TTTGTGTC	<del></del>
3275			<u> </u>	22057
	CCCAUGGG A CGAAGGCC	4937	GGCCTTCG GGCTAGCTACAACGA CCCATGGG	22058
3292	GGGUAGAG A UUGACUUC	4938	GAAGTCAA GGCTAGCTACAACGA CTCTACCC	22059
3296	AGAGAUUG A CUUCGAUU	4939	AATCGAAG GGCTAGCTACAACGA CAATCTCT	22060
3302	UGACUUCG A UUACUGCC	4940	GGCAGTAA GGCTAGCTACAACGA CGAAGTCA	22061
3316	GCCCAGGA A CUACGGUC	4941	GACCGTAG GGCTAGCTACAACGA TCCTGGGC	22062
3345	AGCUGCGG A CACCGUGG	4942	CCACGGTG GGCTAGCTACAACGA CCGCAGCT	22063
3354	CACCGUGG A CCUGCCAC	4943	GTGGCAGG GGCTAGCTACAACGA CCACGGTG	22064
3391	GAAAGUUG A UAACAGAU	4944	ATCTGTTA GGCTAGCTACAACGA CAACTTTC	22065
3394	AGUUGAUA A CAGAUUGG	4945	CCAATCTG GGCTAGCTACAACGA TATCAACT	22066
<u> </u>				

			ible vi	
3398	GAUAACAG A UUGGUGCU	4946	AGCACCAA GGCTAGCTACAACGA CTGTTATC	22067
3442	GCUACCAA A CUGACAGC	4947	GCTGTCAG GGCTAGCTACAACGA TTGGTAGC	22068
3446	CCAAACUG A CAGCGGCU	4948	AGCCGCTG GGCTAGCTACAACGA CAGTTTGG	22069
3472	GUAUGGAG A UCAGACCA	4949	TGGTCTGA GGCTAGCTACAACGA CTCCATAC	22070
3477	GAGAUCAG A CCACAGAG	4950	CTCTGTGG GGCTAGCTACAACGA CTGATCTC	22071
3486	CCACAGAG A CAUGAUGA	4951	TCATCATG GGCTAGCTACAACGA CTCTGTGG	22072
3491	GAGACAUG A UGAAAAGA	4952	TCTTTCA GGCTAGCTACAACGA CATGTCTC	22073
3499	AUGAAAAG A CCCUCGUG	4953	CACGAGGG GGCTAGCTACAACGA CTTTTCAT	22074
3521	ACAAGUGA A UGCUUAUA	4954	TATAAGCA GGCTAGCTACAACGA TCACTTGT	22075
3530	UGCUUAUA A UGCUGAUA	4955	TATCAGCA GGCTAGCTACAACGA TATAAGCA	22076
3536	UAAUGCUG A UAUGAUUG	4956	CAATCATA GGCTAGCTACAACGA CAGCATTA	22077
3541	CUGAUAUG A UUGACCCU	4957	AGGGTCAA GGCTAGCTACAACGA CATATCAG	22078
3545	UAUGAUUG A CCCUUUUC	4958	GAAAAGGG GGCTAGCTACAACGA CAATCATA	22079
3610	AGAGGUGG A CAGCCAAG	4959	CTTGGCTG GGCTAGCTACAACGA CCACCTCT	22080
3619	CAGCCAAG A UCAGCAUG	4960	CATGCTGA GGCTAGCTACAACGA CTTGGCTG	22081
3640	CUAUACUG A UUGCUCUG	4961	CAGAGCAA GGCTAGCTACAACGA CAGTATAG	22082
3683	UUACACUG A UGUGUUAC	4962	GTAACACA GGCTAGCTACAACGA CAGTGTAA	22083
3726	UUCGCAGA A UCUAAUUC	4963	GAATTAGA GGCTAGCTACAACGA TCTGCGAA	22084
3731	AGAAUCUA A UUCGGGAG	4964	CTCCCGAA GGCTAGCTACAACGA TAGATTCT	22085
3743	GGGAGGAG A CGUGGUAC	4965	GTACCACG GGCTAGCTACAACGA CTCCTCCC	22086
3769	UCAUGGCG A CCUUCAAG	4966	CTTGAAGG GGCTAGCTACAACGA CGCCATGA	22087
3778	CCUUCAAG A UACAACCA	4967	TGGTTGTA GGCTAGCTACAACGA CTTGAAGG	22088
3783	AAGAUACA A CCAGUGUU	4968	AACACTGG GGCTAGCTACAACGA TGTATCTT	22089
3819	AAAGCGAG A UGGACCAA	4969	TTGGTCCA GGCTAGCTACAACGA CTCGCTTT	22090
3823	CGAGAUGG A CCAACCAG	4970	CTGGTTGG GGCTAGCTACAACGA CCATCTCG	22091
3827	AUGGACCA A CCAGGAGA	4971	TCTCCTGG GGCTAGCTACAACGA TGGTCCAT	22092
3836	CCAGGAGA A CAUUUUGU	4972	ACAAAATG GGCTAGCTACAACGA TCTCCTGG	22093
3847	UUUUGUUG A UGUUGGCG	4973	CGCCAACA GGCTAGCTACAACGA CAACAAAA	22094
3871	UCUUUCAA A UGGCUUAU	4974	ATAAGCCA GGCTAGCTACAACGA TTGAAAGA	22095
3884	UUAUCACG A UGCCCGCC	4975	GGCGGGCA GGCTAGCTACAACGA CGTGATAA	22096
3895	CCCGCCAA A UUCUGCUC	4976	GAGCAGAA GGCTAGCTACAACGA TTGGCGGG	22097
3910	UCUGGGAG A UCCCUGAU	4977	ATCAGGGA GGCTAGCTACAACGA CTCCCAGA	22098
3917	GAUCCCUG A UGUGUUGA	4978	TCAACACA GGCTAGCTACAACGA CAGGGATC	22099
3926	UGUGUUGA A UUCACUGG	4979	CCAGTGAA GGCTAGCTACAACGA TCAACACA	22100
3946	UAGCUUGG A UGAUACUG	4980	CAGTATCA GGCTAGCTACAACGA CCAAGCTA	22101
3949	CUUGGAUG A UACUGAGA	4981	TCTCAGTA GGCTAGCTACAACGA CATCCAAG	22102
3964	GAGCCAUA A CAUUCACA	4982	TGTGAATG GGCTAGCTACAACGA TATGGCTC	22103
3973	CAUUCACA A CGACAUCA	4983	TGATGTCG GGCTAGCTACAACGA TGTGAATG	22104
3976	UCACAACG A CAUCAAAC	4984	GTTTGATG GGCTAGCTACAACGA CGTTGTGA	22105
3983	GACAUCAA A CGUGGUUG	4985	CAACCACG GGCTAGCTACAACGA TTGATGTC	22106
4012	CCCUGCUA A CACCCGGG	4986	CCCGGGTG GGCTAGCTACAACGA TAGCAGGG	22107
4026	GGGCUGAG A UGCUUGAA	4987	TTCAAGCA GGCTAGCTACAACGA CTCAGCCC	22108
4034	AUGCUUGA A UCUGGAUG	4988	CATCCAGA GGCTAGCTACAACGA TCAAGCAT	22109
4040	GAAUCUGG A UGUGUACA	4989	TGTACACA GGCTAGCTACAACGA CCAGATTC	22110
4051	UGUACAGG A UACUGCUG	4990	CAGCAGTA GGCTAGCTACAACGA CCTGTACA	22111
4063	UGCUGUUG A UGGUCGGA	4991	TCCGACCA GGCTAGCTACAACGA CAACAGCA	22112
4072	UGGUCGGA A UAGGCAGC	4992	GCTGCCTA GGCTAGCTACAACGA TCCGACCA	22113
4084	GCAGCUUG A UCAGGGAG	4993	CTCCCTGA GGCTAGCTACAACGA CAAGCTGC	22114
4153	UAGCCUCA A CAGGACUU	4994	AAGTCCTG GGCTAGCTACAACGA TGAGGCTA	22115
4158	UCAACAGG A CUUUUCAA	4995	TTGAAAAG GGCTAGCTACAACGA CCTGTTGA	22116
4166	ACUUUUCA A CCCCAUGA	4996	TCATGGGG GGCTAGCTACAACGA TGAAAAGT	22117
4174	ACCCCAUG A UCCUUGCU	4997	AGCAAGGA GGCTAGCTACAACGA CATGGGGT	22118
4188	GCUGCUGG A CUGAUUGC	4998	GCAATCAG GGCTAGCTACAACGA CCAGCAGC	22119
4192	CUGGACUG A UUGCAUGU	4999	ACATGCAA GGCTAGCTACAACGA CAGTCCAG	22120
4202	UGCAUGUG A UCCCAACC	5000	GGTTGGGA GGCTAGCTACAACGA CACATGCA	22121
4208	UGAUCCCA A CCGUAAAC	5001	GTTTACGG GGCTAGCTACAACGA TGGGATCA	22122
4215	AACCGUAA A CGCGGAUG	5002	CATCCGCG GGCTAGCTACAACGA TTACGGTT	22123
4221	AAACGCGG A UGGCCCGC	5003	GCGGGCCA GGCTAGCTACAACGA CCGCGTTT	22124
4231	GGCCCGCA A CUGAAGUG	5004	CACTTCAG GGCTAGCTACAACGA TGCGGGCC	22125
4240	CUGAAGUG A UGACAGCU	5005	AGCTGTCA GGCTAGCTACAACGA CACTTCAG	22126
4243	AAGUGAUG A CAGCUGUC	5006	GACAGCTG GGCTAGCTACAACGA CATCACTT	22127
4258	UCGGCCUA A UGUUUGCC	5007	GGCAAACA GGCTAGCTACAACGA TAGGCCGA	22128
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4292   AGAGCUUG A CAUUGACU   5008   AGTCAATG GGCTAGCTACAACGA CAAGCTCT   4298   UGACAUUG A CUCCAUGG   5009   CCATGGAG GGCTAGCTACAACGA CAATGTCA	
4298   UGACAUUG A CUCCAUGG   5009   CCATGGAG GGCTAGCTACAACGA CAATGTCA	
L	
4315 CCAUUCCA A UGACUAUC 5010 GATAGTCA GGCTAGCTACAACGA TGGAATGG	
4318 UUCCAAUG A CUAUCGCG 5011 CGCGATAG GGCTAGCTACAACGA CATTGGAA	
4351 CUUUCGUG A UUUCUGGG 5012 CCCAGAAA GGCTAGCTACAACGA CACGAAAG	22133
4362 UCUGGGAA A UCAACAGA 5013 TCTGTTGA GGCTAGCTACAACGA TTCCCAGA	22134
4366 GGAAAUCA A CAGAUAUG 5014 CATATCTG GGCTAGCTACAACGA TGATTTCC	22135
4370 AUCAACAG A UAUGUGGA 5015 TCCACATA GGCTAGCTACAACGA CTGTTGAT	22136
4378 NUAUGUGG A UUGAGAGA 5016 TCTCTCAA GGCTAGCTACAACGA CCACATAT	22137
4387 UUGAGAGA A CGGCGGAC 5017 GTCCGCCG GGCTAGCTACAACGA TCTCTCAA	22138
4394 AACGGCGG A CAUUUCCU 5018 AGGAAATG GGCTAGCTACAACGA CCGCCGTT	22139
4412 GGAAAGUG A UGCAGAAA 5019 TTTCTGCA GGCTAGCTACAACGA CACTTTCC	22140
4420 AUGCAGAA A UUACAGGC 5020 GCCTGTAA GGCTAGCTACAACGA TTCTGCAT	22141
4445 AAGAGUUG A UGUGCGGC 5021 GCCGCACA GGCTAGCTACAACGA CAACTCTT	22142
4457 GCGGCUUG A UGAUGAUG 5022 CATCATCA GGCTAGCTACAACGA CAAGCCGC	
4460 GCUUGAUG A UGAUGGAA 5023 TTCCATCA GGCTAGCTACAACGA CATCAAGG	
4463 UGAUGAUG A UGGAAACU 5024 AGTTTCCA GGCTAGCTACAACGA CATCATCA	
4487 CAUGAAUG A UCCAGGAG 5027 CTCCTGGA GGCTAGCTACAACGA CATTCATC	
4507 CUUGGAAG A UAUGGAUG 5028 CATCCATA GGCTAGCTACAACGA CTTCCAAG 4513 AGAUAUGG A UGCUCAGA 5029 TCTGAGCA GGCTAGCTACAACGA CCATATCT	<del></del>
4522 UGCUCAGA A UGGUCUGU 5030 ACAGACCA GGCTAGCTACAACGA TCTGAGCA	
4537 GUCUCGCG A UUAGUGCG 5031 CGCACTAA GGCTAGCTACAACGA CGCGAGAC	
4561 CCUGGGCA A UCUUGCCC 5032 GGGCAAGA GGCTAGCTACAACGA TGCCCAGG	
4581 GUAGUUGG A UUUUGGAU 5033 ATCCAAAA GGCTAGCTACAACGA CCAACTAC	
4588 GAUUUUGG A UAACUCUC 5034 GAGAGTTA GGCTAGCTACAACGA CCAAAATC	
4591 UUUGGAUA A CUCUCCAA 5035 TTGGAGAG GGCTAGCTACAACGA TATCCAAF	22156
4599 ACUCUCCA A UACACAAA 5036 TTTGTGTA GGCTAGCTACAACGA TGGAGAGG	22157
4628 GUUGUGGG A CACUCCCU 5037 AGGGAGTG GGCTAGCTACAACGA CCCACAAC	22158
4661 AAAGGGGG A CACGACCA 5038 TGGTCGTG GGCTAGCTACAACGA CCCCCTTT	22159
4666 GGGACACG A CCACCGGC 5039 GCCGGTGG GGCTAGCTACAACGA CGTGTCCC	22160
4684 UCUACAGG A UCAUGACU 5040 AGTCATGA GGCTAGCTACAACGA CCTGTAGA	22161
4690 GGAUCAUG A CUCGUGGG 5041 CCCACGAG GGCTAGCTACAACGA CATGATCC	22162
4732 CGGGCGUG A UGGUUGAA 5042 TTCAACCA GGCTAGCTACAACGA CACGCCCC	22163
4768 GGCAUACA A CAAAAGGA 5043 TCCTTTTG GGCTAGCTACAACGA TGTATGCC	22164
4786 CCGCUUUG A UGAGCGGA 5044 TCCGCTCA GGCTAGCTACAACGA CAAAGCGC	22165
4808 CCGCCUGG A CCCAUACU 5045 AGTATGGG GGCTAGCTACAACGA CCAGGCGC	22166
4835 CAAGGAGG A UCGACUUU 5046 AAAGTCGA GGCTAGCTACAACGA CCTCCTTC	22167
4839 GAGGAUCG A CUUUGUUA 5047 TAACAAAG GGCTAGCTACAACGA CGATCCTC	22168
4854 UACGGAGG A CCCUGGAA 5048 TTCCAGGG GGCTAGCTACAACGA CCTCCGTA	22169
4863 CCCUGGAA A UUGCAGCA 5049 TGCTGCAA GGCTAGCTACAACGA TTCCAGGC	22170
4880 CAAGUGGA A CGGGCAGG 5050 CCTGCCCG GGCTAGCTACAACGA TCCACTTC	22171
4889 CGGGCAGG A UGAGGUGC . 5051 GCACCTCA GGCTAGCTACAACGA CCTGCCCC	
4900 AGGUGCAG A UGAUUGUG 5052 CACAATCA GGCTAGCTACAACGA CTGCACCT	
4903 UGCAGAUG A UUGUGGUG 5053 CACCACAA GGCTAGCTACAACGA CATCTGCI	
4914 GUGGUGGA A CCUGGCAA 5054 TTGCCAGG GGCTAGCTACAACGA TCCACCAC	
4925 UGGCAAGA A CGUUAAGA 5055 TCTTAACG GGCTAGCTACAACGA TCTTGCC	
4934 CGUUAAGA A CGUCCAGA 5056 TCTGGACG GGCTAGCTACAACGA TCTTAACC	
4942 ACGUCCAG A CGAAACCA 5057 TGGTTTCG GGCTAGCTACAACGA CTGGACG	
4947 CAGACGAA A CCAGGGGU 5058 ACCCCTGG GGCTAGCTACAACGA TTCGTCTC	
4963 UGUUCAAA A CACCUGAA 5059 TTCAGGTG GGCTAGCTACAACGA TTTGAAC	
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4990 GGGCCGUG A CUUUGGAC 5061 GTCCAAAG GGCTAGCTACAACGA CACGGCCC	
4997 GACUUUGG A CUUCCCCA 5062 TGGGGAAG GGCTAGCTACAACGA CCAAAGTC	
5011 CCACUGGA A CAUCAGGC 5063 GCCTGATG GGCTAGCTACAACGA TCCAGTGC	
5026 GCUCACCA A UAGUGGAC 5064 GTCCACTA GGCTAGCTACAACGA TGGTGAGG	
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5039 GGACAAAA A CGGUGAUG 5066 CATCACCG GGCTAGCTACAACGA TTTTGTCC	
<u></u>	
5050 GUGAUGUG A UUGGGCUU   5068   AAGCCCAA GGCTAGCTACAACGA CACATCAG	
5066 UUAUGGCA A UGGAGUCA 5069 TGACTCCA GGCTAGCTACAACGA TGCCATAI	

Sept		•	Ta	ible VI	
1986	5077	GAGUCAUA A UGCCCAAC	5070	GTTGGGCA GGCTAGCTACAACGA TATGACTC	22191
1916					
S126   ANGARGING A UGGALIGAG   5974   TRISCICA GIGCTAGCTACANGA CCTTCCCT   22195			5072	CTGCACTA GGCTAGCTACAACGA CGCGCTTA	22193
1916   AAGGANGA A UGAGCCAA   5075   COCCOGG GGCTAGCTACAAGGA CCATCCTT   22195				CTCATCCA GGCTAGCTACAACGA CCTTTCAC	22194
S114   AURIGAGCA A UCCCAGCC   S075   GGCTGGGG GGCTAGCTACAACGA TGGCTCAT   22196			5074	TTGGCTCA GGCTAGCTACAACGA CCATCCTT	22195
Section			5075	GGCTGGGA GGCTAGCTACAACGA TGGCTCAT	22196
51511         GGAILHUGA A CCUGAGAU         5078         ATTCHCAGG GIGTAGCTACAACA TOCAGGT         22199           5152         AGGAAAAA A CAGAUCAC         5079         GTGATCTG GICTAGCTACAACGA TCTAGGTT         22190           5172         AGGAAAAA A CAGAUCAC         5079         GTGATCTG GICTAGCTACAACGA CTAGTTCT         22200           5176         AAAAACGA A UCACUGUA         5081         GTGATCTG GICTAGCTACAACGA CCAGTTACA         22201           5212         COGGUAAA A CAAGGAGG         5082         CCTCCTTG GICTAGCTACAACGA CCAGTTACA         22203           5221         CAGGAGA A UCAUCAAA         5083         TGGACAAACGA CTCCCTTG         22204           5222         GCCACUNA A CAGAAGAC         5085         GTCTCTTG GICTAGCTACAACGA CTCCCTTT         22206           5252         GCCACUNA A CAGACAC         5085         GTCTCTCTG GICTAGCTACAACGA TATGGCCA         22205           5256         GGCGUIGA A CAGCCGUI         5086         GTCTCTCTG GICTAGCTACAACGA TATGGCCA         22205           5266         GGCGUIGA A CAGCCGUI         5087         CACGGCG GICTAGCTACAACGA TATGGCCA         22212           5365         CUGAGGA A UGAUCAAA         5089         TTCAGCCA GICTAGCTACAACGA TATGGCTA         22212           5364         CCCAGAGA A CAUCCGCA         5099         ATTCAGCA GICTAGCTACAACGA CTCCTCAG				GGTTCGAA GGCTAGCTACAACGA CCGGCTGG	22197
5156         AACCUGAG A UGCUGAGG         5078         CCTCAGCA GGCTAGCTACACAG CTCAGGTT         22199           5176         AAAAACAG A UCACUGUA         5079         GEGATCH GGGCAGCTACACAGA TYTTTCCT         22201           5176         AAAAACAG A UCACUGUA         5080         TACAGTGA GGCTAGCTACACAGA CTCTTTTT         22201           5121         CCGGUAGA A CAAGAGAG         5081         GATGGAGA GGCTAGCTACAACGA CTTCTTG         22203           5221         CCAGGUAGA A CAAGAGAG         5082         CCTCCTTG GGCTAGCTACAACGA CTTCTGT         22205           5221         CAGGAGG A UUCUGCCA         5083         TGGCCAGA GGCTAGCTACAACGA CTTCTGT         22205           5252         GCCCAIDA A CAGAAGAC         5086         GTTTCTG GGCTAGCTACACAGA CTTCTGT         22205           5252         GACCAGAGA UCAGAGA         5086         GTTTCTG GGCTAGCTACACAGA CTTCTGT         22207           5266         GACUGAGA A CAGCCUG         5087         CACGGCTG GGCTAGCTACACAGA CTCTCCAG         22201           5264         UAGCACCA A CAGGGUU         5088         AACCCTG GGCTAGCTACACAGA CTCTCCAG         22212           5364         CGGAGGA A CAUCCAG         5091         TTGGGAG GCTAGCTACACAGA CTCTCTAG         22211           5364         CGGAGGA A CAUCCAG         5091         TTGGGAG GGCTAGCTACACAGA CTCTCTAG <t< td=""><td></td><td></td><td>5077</td><td>ATCTCAGG GGCTAGCTACAACGA TCGAATCC</td><td>22198</td></t<>			5077	ATCTCAGG GGCTAGCTACAACGA TCGAATCC	22198
S176			5078	CCTCAGCA GGCTAGCTACAACGA CTCAGGTT	22199
S189		AGGAAAAA A CAGAUCAC	5079	GTGATCTG GGCTAGCTACAACGA TTTTTCCT	22200
S221	5176	AAAAACAG A UCACUGUA	5080	TACAGTGA GGCTAGCTACAACGA CTGTTTTT	22201
5221         CAAGGARG A UUCUGCOCA         5083         TOGCAGAR GOCTAGCTACAGGA CCTCCTCT         22204           5232         UGCCACAG A UCAUCAAA         5084         TTTGATCA GCTAGCTACAGGA CTCCTCTT         22205           5252         GGCCAUAA A CAGAAGAC         5085         GTCTTCTG GGCTAGCTACAACGA TTATGGCC         22206           5259         AACCAGAG A CUGAGAAC         5086         GTTCTCTG GGCTAGCTACAACGA CTTCTGTT         22207           5266         GACUGAGA A CAGCGUU         5087         CACGGTGG GGCTAGCTACAACGA TTGTGTC         22209           5264         UAGCACCA A CCAGGGUU         5088         AACCTGG GGCTAGCTACAACGA TGGTGCA         22210           5305         CUGCUGAGA A GUGCCCA         5090         ATGGCAG GGCTAGCTACAACGA CTGGTAC         22211           5325         CUGAGAGG A CAUCCGCA         5091         TTGCGATG GGCTAGCTACAACGA CTGGTAC         22212           5364         CCCAGAGA A CAUAAUGG         5092         CCATTTCCA GGCTAGCTACAACGA CTGGTACC         22212           5375         UAAUGGAA A UGGAAAUG         5093         CATTTCCA GGCTAGCTACAACGA CTACTCC         22214           5387         GAUUGUAGA         5095         ACACCAA GGCTAGCTACAACGA CACCAACC         22215           5380         GAAAUGGAA CUGCAA         5096         ACATGCAA GGCTACCTAACGA CAGCCCTT         22	5189	UGUACUGG A UCUCCAUC	5081	GATGGAGA GGCTAGCTACAACGA CCAGTACA	22202
	5212	CCGGUAAA A CAAGGAGG	5082	CCTCCTTG GGCTAGCTACAACGA TTTACCGG	22203
5252         GGCALBA A CAGARGAC         5085         GTCTTCTG GGCTAGCTACAAGGA TTATGGCC         22205           5255         AACAGAAG A CUGAGAAC         5086         GTTCTCAG GGCTAGCTACAAGGA TCTCTGTT         22207           5266         GACUGAGA A CAGCGUG         5087         CACGGTG GGCTAGCTACAAGGA TCTCAGTC         22208           5284         UAGCACCA A CCAGGGUU         5088         AACCCTGG GGCTAGCTACAAGGA TCTCAGTC         22209           5395         CUGAGAGA CUGACCAU         5090         ATGGGCAG GGCTAGCTACAAGGA TCTCTCAG         22211           5345         CUGAGAGA CAUCACCA         5090         ATGGGCAG GGCTAGCTACAAGGA CTCTCCAG         22212           5346         CCCAGAGA A CAUCACCA         5091         ATGGGATGA GGCTAGCTACAAGGA CTCTCTCAG         22213           5346         CCCAGAGA A CAUCAGCA         5091         ATGGACAGA GCTACACAAGGA CTCCTCAG         22213           5364         CCCAGAGA A CAUCAGAC         5093         CATTTCCA GGCTAGCTACAACGA TCTCTCG         22213           5375         DAAUGGAA A UGGAAGAG         5094         CAATCACA GGCTAGCTACAACGA TCTACTC         22216           5387         GAUGUUGA U GUCAGU         5095         ACCAACAA GGCTAGCTACAACGA CACACAAC         22217           5444         GGUCGAA CUACAACC         5098         GGTTGTGACAACGA CACACACAACC <t< td=""><td>5221</td><td>CAAGGAGG A UUCUGCCA</td><td>5083</td><td>TGGCAGAA GGCTAGCTACAACGA CCTCCTTG</td><td>22204</td></t<>	5221	CAAGGAGG A UUCUGCCA	5083	TGGCAGAA GGCTAGCTACAACGA CCTCCTTG	22204
5259         AACRGANG A CUGAGARC         5986         GTTTCTCAG GGCTAGACGA CTTCTGTT         22207           5266         GACUGAGA A CAGCCGUG         5087         CACGGCTG GGCTAGACACGA CTCTCAGTC         22208           5284         UAGCACCA A CCAGGGUU         5088         AACCCTGG GGCTAGATCAACGA TGGTGTA         22209           5305         CUGAGAGG A CAGCCCU         5099         TTCAGCA GGCTAGACTAACGA CTCAGCA         22210           5325         CUGAGAGG A CAUCCCCA         5091         TOGGATG GGCTAGCTACACGA CTCAGCA         22211           5344         GGUACCAG A CAUCCCCA         5091         TOGGATG GGCTAGCTACACGA CTCTCAG         22212           5369         AGACCAGA A CUGAGAU         5092         CCATTCTG GGCTAGCTACACGA TCTCTGG         22213           5375         UANUGARA A UGAGADUG         5094         CARTCTCA GGCTAGCTACACGA TCTCTTGA         22215           5380         GAAAUGAGA A UGUUGUG         5095         CARTGACA         ACATGACA ACACACAT         22216           5387         GAAUGAGA A UGUUCUCU         5097         AGGAGCAGACACACACACACACACACACACACACACACA	5233	UGCCACAG A UCAUCAAA	5084	TTTGATGA GGCTAGCTACAACGA CTGTGGCA	22205
S266   GACUGAGA A CAGCCGUG   5087   CACGGCTG GGCTAGCTACAACGA TCTCAGTC   22208	5252	GGCCAUAA A CAGAAGAC	5085	GTCTTCTG GGCTAGCTACAACGA TTATGGCC	22206
S284	5259	AACAGAAG A CUGAGAAC	5086	GTTCTCAG GGCTAGCTACAACGA CTTCTGTT	22207
S305   CUBCUBAR A UGGCUGAA   5089   TYCAGCCA GGCTAGCTACAACGA CTCAGCAG   22210	5266	GACUGAGA A CAGCCGUG	5087	CACGGCTG GGCTAGCTACAACGA TCTCAGTC	22208
5325         CUGAGAGG A CUGCCCAU         5090         ATGGGAG GGCTAGCTACAGGA CCTCTCAG         22211           5344         GGUACCAG A CAUCAGCA         5091         TÖCGGATG GGCTAGCAGAACGA CTGGTACC         22212           5364         CCCAGAGGA A CAUDAUGG         5092         CCATTATG GGCTAGCAGGA TCTCTGGG         22213           3369         AGAACAUA A UGAGAUUG         5093         CATTCCA GGCTAGCTACAGGA TCCCTTA         22215           5375         UANUGGAA A UGAGAUUG         5094         CAATCTCA GGCTAGCTACAAGGA TCCCTTTA         22216           5387         GALAUGAGA A UGUCUGU         5095         ACATCACA GGCTAGCTACAACGA CTCATTTC         22216           5387         GALUGUUG A UGUCUGU         5097         AGAAGACA GGCTAGCTACAACGA CACAACT         22218           5422         ACAGGCUG A UGUCUCU         5097         AGAGACGA GGCTAGCTACAACGA CACACTTC         22219           5450         GAACUACA A CUGUUCG         5098         GGTTGTAG         GGCTAGCTACAACGA TCGACCC         22219           5461         UGUUCGUG A UGAGAGGA         5100         CTCATCCA GGCTAGCTACAACGA TCTACAGGA         22221           5462         CGUGALGGA UGAGCUA         5101         GAGCCTCA GGCTAGCTACAACGA CCATCACG         22224           5463         UGUUCACCG A CCCACCUA         5102         TAGCTGG GCTAGCTACAACGA CC	5284	UAGCACCA A CCAGGGUU	5088	AACCCTGG GGCTAGCTACAACGA TGGTGCTA	22209
5344         GGUACCAG A CAUCCGCA         5091         TGCGGATG GGCTAGATCAACGA CTGGTACC         22212           5364         CCCAGAGA A CAUARDGG         5092         CCATTATG GGCTAGCACGA TCTCTGGG         22213           5369         AGAACAUA A UGGAARUG         5093         CATTCCA GGCTAGCTACAACGA TCTCTTCA         22214           5375         UARUGGA A UGGABUG         5094         CAATTCCA GGCTAGCTACAACGA TCTCATTC         22215           5380         GAAGAGUA A UGGUAUGU         5095         AATGACAA GGCTAGCTACAACGA TCCATTC         22216           5387         GAUUGUUG A UGUCUCU         5097         AGGAGCA GGGTAGCTACAACGA CACCATTC         22217           5422         ACAGGCUG A UGUCACU         5097         AGGACACA GGCTAGCTACAACGA CACCACC         22219           5461         GGUGCGA A CUACAACC         5099         CGAACAGG GGCTAGCTACAACGA TGTAGTTC         22220           5461         UGUUCGUG A UGAGGCUC         5099         CGAACAGG GGCTAGCTACAACGA TGTAGTTC         22222           5463         CGUGAUGG A UGAGGCUC         5101         CGCCACCAAGCTAAACGA CACCAACCA         22224           5463         UUUCACCG A CCCAGCUA         5102         TAGCTGGG GGCTAGCTACAACGA CACGAACA         22223           5564         CGGCAGCA A UAUUCACCA         5103         CATGAATA GGCTACAACGA CACTACAAC <t< td=""><td>5305</td><td>CUGCUGAG A UGGCUGAA</td><td>5089</td><td>TTCAGCCA GGCTAGCTACAACGA CTCAGCAG</td><td>22210</td></t<>	5305	CUGCUGAG A UGGCUGAA	5089	TTCAGCCA GGCTAGCTACAACGA CTCAGCAG	22210
5364         CCCAGAGA A CAUARJOG         5092         CCATTRIC GGCTAGCTACAGA TCTCTGGG         22113           5369         AGAACAUA A UGGAARUG         5093         CATTCCA GGCTAGCTACAGA TATGTTCT         22214           5375         UARJOGAA A UGAGAUUG         5094         CATCTCA GGCTAGCTACAGA TCCATTTC         2215           5380         GAARUGUG A UGUCUUGU         5095         ATCACACA GGCTAGCTACACGA CTCATTTC         22216           5387         GAUGUUG A UGUCUCU         5097         AGGAGACA GGCTAGCTACACGA CACACTTC         22217           5442         ACAGGCUG A UGUCUCCU         5097         AGGAGACA GGCTAGCTACAACGA CAGCCTTT         22218           5444         GGUGCOGA A CUACAACC         5098         GGTTGTAG         GGCTAGCTACAACGA TGTGACCC         22219           5461         UGUUCGUG A UGGAUGAG         5100         CTCATCCA GGCTACAACGA TGTAGTCC         22221           5465         GGACUACCA A CACCACCA         5101         GAGCCTCCA GGCTACAACGA CACCAACAC         22221           5465         GUGAUGAG A UGAGGCUC         5101         GAGCCTCCA GGCTAAACACGA CACCACC         22224           5483         UUCACCGA A UGACCACC         5102         TAGCTGGG GGCTAGACTACAACGA CAGTAAAA         22225           5580         CATUCAGA A UCCACACA         5104         GGTGGCTACACACGA CATGAAATA	5325				
5369         AGAACAUA A UGGAAAUG         5093         CATTTCCA GGCTAGCTACAACGA TATGTTCT         22214           5375         UAAUGGAA A UGGAAUUG         5095         ATCAACAA GGCTAGCTACAACGA TTCCATTA         22215           5380         GAAUGGAA A UUGUUGU         5095         ATCAACAA GGCTAGCTACAACGA CTCATTC         22216           5387         GAUUGUUG A UGUCUUCU         5096         ACATGACA GGCTAGCTACAACGA CACCATC         22217           5422         ACAGGCUG A UGUCUCU         5097         AGGAGACA GGCTAGCTACAACGA CACCATCAGCACAGA         22218           5444         GGUGCCGA A CUGUUGG         5098         GGTTGTAG GGCTAGCTACAACGA TCGGCACC         22219           5450         GAACIACA A CUGUUGG         5099         CGAACAGG GGCTAGCTACAACGA CACCACACACA         22221           5461         UGUUCGUG A UGGAUGAG         5101         GAGCCTCA GGCTAGCTACAACGA CACCACACACA         22221           5483         UUUCACCG A CCCAGCUA         5102         TAGCTGGG GGCTAGCTACAACGA CATGAACA         22224           5584         CGGCGGCA A UAUUCAUG         5103         CATGATATA GGCTAGCTACAACGA CATGAATA         22225           5582         CACUUCAG A UCACACA         5104         GGTGGCTAGCTACAACGA CATGAATA         22226           5600         AGGUCCA A UUCACCAA         5106         TGTGGAAA         GG	5344	GGUACCAG A CAUCCGCA	5091	TGCGGATG GGCTAGCTACAACGA CTGGTACC	22212
5375         UAAUGGAA A UGAGAUUG         5094         CAATCTCA GGCTAGCTACAACGA TTCCATTA         22215           5380         GAADGAG A UUGUUGAU         5095         ATCAACAA GGCTAGCTACAACGA CTCATTTC         22216           5387         GAUUGUUG A UGUCUCU         5096         ACATGACA GGCTAGCTACAACGA CAACAATC         22217           5422         ACAGGCUG A UGUCUCU         5097         AGGAGACA GGCTAGCTACAACGA CACCATC         22218           5444         GUUGCCOA A CUACAACC         5098         GGTTGTAG GGCTAGCTACAACGA CAGCACC         22219           5450         GAACUACA A COUGUUCG         5099         CGAACAGG GGCTAGCTACAACGA CACCACAC         22221           5461         UGUUCGUG A UGGAUGAG         5100         CTCATCCA GGCTAGCTACAACGA CACCACAC         22221           5465         CGUAGUGG A UGGAUGA         5101         GAGCCTCA GGCTAGCTACAACGA CACCACAC         22222           5463         UUUCACCGA C A CCACCACC         5102         TAGCTGGG GGCTAGCTACAACGA CAGGAGAAA         22223           5548         CGGCGGCA A UAUUCCUG         5103         CATGARTA GGCTAGCTACAACGA CAGAAATA         22225           5582         CACUUCAGA A UCCAUCC         5104         GGTGGCTG GGCTAGCTACAACGA CAGAATA         22225           5600         AGAGCACA         AUUCACCAA         5106         TTGGTGAA GGCTAC	5364	CCCAGAGA A CAUAAUGG	5092	CCATTATG GGCTAGCTACAACGA TCTCTGGG	22213
5380         GAAAUGAG A UUGUUGAU         5095         ATCAACAA GGCTAGCTACAACGA CTCATTC         22216           5387         GAUUGUUG A UGUCUGUU         5096         ACATGACA GGCTAGCTACAACGA CAACAATC         22217           5422         ACAGGCUG A UGUCUCU         5097         AGGAGACA GGCTAGCTACAACGA CACACATC         22218           5444         GGUGCCGA A CUACAACC         5098         GGTTGTAG GGCTAGCTACACGA TGTGGCC         22219           5450         GAACUACA A CCUGUUGG         5099         CGAACAGG GGCTAGCTACACAGA TGTGGCC         22219           5450         GAGUACACA A CUGUUGG         5100         CTCATCCA GGCTAGCTACACAGA CACGAACA         22221           5461         UUUCACCG A UGAGCUC         5101         GAGCCTCA GGCTAGCTACACAGA CACGAACA         22221           5462         CUGGAUGG A UGAGCUC         5101         GAGCTCCA GGCTAGCTACACGA CACGTACAC         22224           5483         UUUCACUG A UCAUUCC         5103         CATGAATA GGCTAGCTACACGA CACGAGTACA         22226           5582         CACUUCAG A UCAUUCC         5104         GGTGGCTG GGCTAGCTACACACA CAGACTC         22226           5600         ADAGUCCA A UUUCCGAC         5107         GTCGGAAA GGCTAGCTACACACA TGGACT         22227           5615         AAUUUCCGA C UUACAGA         5106         TTCGTAGA GGCTAGCTACACACA TGCAACAT	5369	AGAACAUA A UGGAAAUG	5093	CATTICCA GGCTAGCTACAACGA TATGTICT	22214
5387         GAUUGUUG A UGUCAUGU         5096         ACATGACA GGCTAGCTACAACGA CAACAATC         22217           5422         ACAGCUG A UGUCUCCU         5097         AGAGACA GGCTAGCTACAACGA CAGCCTGT         22218           5444         GGUGCCGA A CUUCACAC         5098         GGTTGTAG GGCTAGCTACAACGA TGGGCACC         22219           5450         GAACUACA A CCUGUUCG         5099         CGAACAGG GGCTAGCTACAACGA TGGGTACC         22220           5461         UGUUCACCG A CCGAGCUA         5100         CTCATCCA GGCTAGCTACAACGA CCATCACG         22221           5465         CGUGAUGG A UGAGGCUC         5101         GAGCCTCA GGCTAGCTACAACGA CCATCACG         22222           5463         UUUCACCG A CCCAGCUA         5102         TAGCTGGG GGCTAGCTACAACGA CCATCACG         22224           5548         CGGCGGCA A UAUUCAUG         5103         CATGAATA GGCTAGCTACAACGA TGCCGCC         22224           5557         UAUUCAUG A UCCACCA         5104         GGTGGTG GGCTAGCTACAACGA CATGAATA         22225           5600         AGAGUCCA A UUCACCAA         5106         TTGGTGAA GGCTAGCTACAACGA CTGAGTAC         22227           5608         AUUCACCA A UUCCAGA         5106         TTGGTGAA GGCTAGCTACAACGA CTGAGTAC         22232           5623         ACUULACAG A UCCCGGAU         5109         GATCTCAG GGCTAGCTACAACGA CTCAGTC			<del></del>		<del></del>
5422         ACAGGCUG A UGUCUCCU         5097         AGGAGACA GGCTAGCTACAACGA CAGCCTGT         22218           5444         GGUGCCGA A CUACAACC         5098         GGTTGTAG GGCTAGCTACAACGA TGGGACC         22219           5450         GAACUACA A CUGUUCG         5099         CGAACAGG GGCTAGCTACAACGA TGTAGTTC         22221           5461         UGUUCGUG A UGGAUGA         5100         CTCATCCA GGCTAGCTAACGA CACGAACA         22221           5465         CGUGAUGA         A UGAGCUC         5101         GAGCCTCA GGCTAGCTACACGA CACGACCA         22222           5483         UUUCACCG A CCCAGCUA         5102         TAGCTGG GGCTAGCTACAACGA CGGTGAAA         22223           5548         CGGCGCA A UAUUCAUC         5103         CATGAATA GGCTAGCTACAACGA TGCCCCC         22224           5557         UAUUCACGA A UCCAUUCC         5104         GGTGGCTG GCTAGCTACAACGA CTGAAGTA         22225           5600         AGAGUCCA A UUCACCAA         5106         TTGGTGAA GGCTAGCTACAGCA TGGATGAT         22227           5618         AUUCACCA A UUUCCGAC         5107         GTCGGAAA GGCTAGCTACAACGA TGGTGAAT         22228           5615         AAUUUCCG A CUUACAGA         5108         TTCTTTAG GGCTAGCTACAACGA CTGATCT         22236           5629         AGACUGAG A UCACGAGAU         5110         ATCCGGAG GCTAGCTACAACG					<b>↓</b>
5444         GGUGCCGA A CUACAACC         5098         GGTTGTAG GGCTAGCTACAACGA TCGGCACC         22219           5450         GAACUACA A CCUGUUCG         5099         CGAACAGG GGCTAGCTACAACGA TCTGATCT         22220           5461         UGUUCGUG A UGAGGCUC         5101         CTCATCCA GGCTAGCTACAACGA CCCGACA         22221           5465         CGUGAUGG A UGAGGCUC         5101         GAGCCTCA GGCTAGCTACAACGA CCATCACG         22222           5483         UJUCACCG A CCCAGCUA         5102         TAGCTGGG GGCTAGCTACAACGA CGGTGAAA         22223           5584         CGGCGGCA A UAJUCAUG         5103         CATGAATA GGCTAGCTACAACGA TGCCGC         22224           5587         UAJUCAUG A CCCAUUCC         5105         GGAATGGA GGCTAGCTACAACGA CTGAATTA         22225           5582         CACUUCAG A UCCACCAA         5106         TTGGTGAA GGCTAGCTACAACGA TGGTCCT         22227           5608         AUUCACCA A UUUCCGAC         5106         TTGGTGAA GGCTAGCTACAACGA TGGTGAAT         22226           5615         AUUUCACA A UUUCAGAA         5106         TTGGTGAA GGCTAGCTACAACGA TGGTGAAT         22228           5615         AUUUCACAA         5107         GTCGGAA GGCTAGCTACAACGA CTGATAT         22230           5629         AGACUGAG A UUUACAGAA         5108         TCTGTGAG GGCTAGCTACAACGA CTGATCT		<u></u>			<del></del>
5450         GAACUACA A CCUGUUCG         5099         CGAACAGG GGCTAGCTACAACGA TGTAGTTC         22220           5461         UGUUCGUG A UGAGUGAG         5100         CTCATCCA GGCTAGCTACAACGA CACGAACA         22221           5465         CGUGAUGG A UGAGGCUC         5101         GAGCCTCA GGCTAGCTACAACGA CCATCACG         22222           5483         UUUCACCG A CCCACUA         5102         TAGCTGG GGCTAGCTACAACGA TGCGGCG         22224           5557         UAUUCAUG         5103         CATGAATA GGCTAGCTACAACGA TGCCGCG         22224           5557         UAUUCAUG A CAGCACC         5104         GGTGGCTG GGCTAGCTACAACGA TGCCGCG         22224           5560         AGAGUCCA A UCACCAA         5106         GGAATGGA GGCTAGCTACAACGA CATGAATA         22225           5600         AGAGUCCA A UUCACCAA         5106         TTGGTGAA GGCTAGCTACAACGA TGGAATT         22227           5608         AUUCACCA A UUCACCAA         5107         GTCGGAAA GGCTAGCTACAACGA TGGAAATT         22227           5623         ACUUACAGA         5108         TCTGTAGA GGCTACAACGA TGGAAATT         22229           5623         AGACUAGA A UCGAGAU         5110         ATCCGGGA GGCTAGCTACAACGA TGGAAATT         22231           5626         AGACUAGA A UCGAGUU         5111         ATCCGGGA GGCTAGCTACAACGA CCATTCATC         22232				<u></u>	
5461         UGUUCGUG A UGAGAGAG         5100         CTCATCCA GGCTAGCTACAACGA CACGAACA         22221           5465         CGUGAUGG A UGAGGCUC         5101         GAGCCTCA GGCTAGCTACAACGA CCATCACG         22222           5483         UUUCACCG A CCCAGCUA         5102         TAGCTGG GGCTAGCTACAACGA CGGTGAAA         22223           5548         CGGCGGCA A UAUUCAUG         5103         CATGAATA GGCTACCTACAACGA TGCCGCCG         22224           5557         UAUUCAUG A CAGCCACC         5104         GGTGGCTG GGCTAGCTACAACGA TGCAACTA         22225           5582         CACUUCAG A UCCACCA         5105         GGAATGGA GGCTAGCTACAACGA TGGACTCT         22227           5600         AGGGCGCA A UUUCCCAC         5107         GTCGGAAA GGCTAGCTACAACGA TGGAACTT         22227           5608         AUUCACCA A UUUCCCAC         5107         GTCGGAAA GGCTAGCTACAACGA TGGAATT         22228           5615         AAUUUCACA A UUUCACAA         5108         TCTGTAGA GGCTAGCTACAACGA TGGAATT         22228           5629         AGACUGAG A UCCAGGAU         5110         ATCCAGGA GGCTAGCTACAACGA CTGAATT         22231           5636         GAUCCCGG A UCGAGAU         5111         AAGCTGAG GGCTAGCTACAACGA CCAGATT         22232           5641         AGCUUGGA A CUCCAGGAU         5112         ATCCAGAG GGCTAGCTACAACGA CCAGAGTT				<u> </u>	
5465         CGUGAUGG A UGAGGCUC         5101         GAGCCTCA GGCTAGCTACACGA CCATCACG         22222           5483         UJUUCACCG A CCCAGCUA         5102         TAGCTGG GGCTAGCTACAACGA CGGTGAAA         22223           5548         CGGCGGCA A UAUUCAUG         5103         CATGAATA GGCTAGCTACAACGA TGCCGCCG         22224           5557         UAUUCAUG A CAGCACC         5104         GGTGGCTG GGCTAGCTACAACGA CATGAATA         22225           5600         AGAGUCCA A UUCACCAA         5106         TTGGTGAA GGCTAGCTACAACGA CATGAATT         22227           5608         AUUCACCA A UUCCACCA         5107         GTCGGAAA GGCTAGCTACAACGA TGGATGTAA         22228           5615         AAUUUCCG A CUUACAGA         5108         TCTGTAAG GGCTAGCTACAACGA TGGTGAAT         22229           5623         ACUUACAG A CUUGAGUC         5109         GATCTCAG GGCTAGCTACAACGA CTCAGTCT         22231           5629         AGACUGAG A UCCCGGAU         5110         ATCCGGGA GGCTAGCTACAACGA CTCAGTCT         22231           5636         GAUCCAGG A UCCAGGCUU         5111         AACCTGAG GGCTAGCTACAACGA CTCAGCT         22232           5648         AGCUUGA A CUCUGGAU         5112         ATCCAGAG GGCTAGCTACAACGA CTCAGCT         22234           5651         AACGALGA A UGCACAGA         5113         CATTCATA GGCTAGCTACAACGA CCGAGA			<b></b>	<del></del>	
5483         UUUCACCG A CCCAGCUA         5102         TAGCTGGG GGCTAGCTACAACGA CGGTGAAA         22223           5548         CGGCGGCA A UAUUCAUG         5103         CATGAATA GGCTAGCTACAACGA TGCCGCG         22224           5557         UAUUCAUG A CAGCCACC         5104         GGTGGCTG GGCTAGCTACAACGA CATGAATA         22225           5582         CACUUCAG A UCCAUUCC         5105         GGAATGGA GGCTAGCTACAACGA CTGAAGTA         22226           5600         AGAGUCCA A UUCACCAA         5106         TTGGTGAA GGCTAGCTACAACGA TGGACTCT         22227           5608         AUUCACCA A UUUCCGAC         5107         GTCGGAAA GGCTAGCTACAACGA TGGTGAAT         22228           5615         AAUUUCCG A CUUACAGA         5108         TCTGTAAG GGCTAGCTACAACGA TGGTAAAT         22229           5623         ACUUACAG A CUUAGAU         5109         GATCTCAG GGCTAGCTACAACGA CTGAATT         22230           5629         AGACUGAG A UCGAGAU         5110         ATCCGGGA GGCTAGCTACAACGA CTCAGTCT         22231           5636         GAUCCCGG A UCGAGAU         5111         AACCTCGA GGCTAGCTACAACGA TCCAAGCT         22232           5648         AGCUUGGA A UCGAAAUG         5112         ATCCAGA GGCTAGCTACAACGA TCCAAGCT         22234           5655         AACUCAGA A UGCAGAA         5113         CATTCOTA GGCTAGCTACAACGA TCTTGGT <td></td> <td></td> <td></td> <td><u> </u></td> <td></td>				<u> </u>	
5548         CGGCGGCA A UAUUCAUG         5103         CATGAATA GGCTAGCTACAACGA TGCCGCG         22224           5557         UAUUCAUG A CAGCCACC         5104         GGTGGCTG GGCTAGCTACAACGA CATGAATA         22225           5582         CACUUCAG A UCCAUUCC         5105         GGAATGGA GGCTAGCTACAACGA CATGAATA         22225           5600         AGGUCCA A UUCACCAA         5106         TTGGTGAA GGCTAGCTACAACGA TGGTGAAT         22227           5608         AUUCACCA A UUUCCGAC         5107         GTCGGAAA GGCTAGCTACAACGA TGGTGAAT         22228           5615         AAUUUCCG A CUUACAGA         5108         TCTGTAAG GGCTAGCTACAACGA CGGAATT         22229           5623         ACUUACAG A CUGAGAUC         5109         GATCTCAG GGCTAGCTACAACGA CTCAGTCT         22230           5629         AGACUGAG A UCCCGGAU         5110         ATCCGGG GGCTAGCTACAACGA CTCAGTCT         22231           5636         GAUCCGG A UCGAGCUU         5111         AACCTCGA GGCTAGCTACAACGA CTCAGACT         22232           5648         AGCUUGGA A UCGAGAU         5112         ATCCAGAG GGCTAGCTACAACGA CCAGAGCT         22233           5655         AACUCUGG A UACGAAA         5113         CATTCGTA GGCTAGCTACAACGA CCATTCGT         22234           5665         ACGAUGG A UCACACAA         5115         TTCGTGA GGCTAGCTACAACGA CTTCGCA				<u></u>	
5557         UAUUCAUG A CAGCCACC         5104         GGTGGCTG GGCTAGCTACAACGA CATGAATA         22225           5582         CACUUCAG A UCCAUUCC         5105         GGAATGGA GGCTAGCTACAACGA CTGAAGTG         22226           5600         AGAGUCCA A UUCACCAA         5106         TTGGTGAA GGCTAGCTACAACGA TGGACTCT         22227           5608         AUUCACCA A UUCACGAC         5107         GTCGGAAA GGCTAGCTACAACGA TGGTGAAT         22228           5615         AAUUUCCG A CUUACAGA         5108         TCTGTAAG GGCTAGCTACAACGA CTGTAAGT         22239           5623         ACUUACAG A CUCAGAU         5109         GATCTCAG GGCTAGCTACAACGA CTCAGTCT         22231           5629         AGACUGAG A UCCAGGAU         5110         ATCCAGAG GGCTAGCTACAACGA CTCAGTCT         22231           5636         GAUCCCGG A UCGAGAU         5111         AAGCTCAG GGCTAGCTACAACGA CCAGGATC         22232           5648         AGCUUGGA A CUCUGGAU         5112         ATCCAGAG GGCTAGCTACAACGA CCAGAGTT         22234           5661         GGAUCCGA A UGAGAA         5113         CATTCGTA GGCTAGCTACAACGA CCAGTCCT         22234           5665         ACGABUGG A UCACAGAA         5115         TTCTGTGA GGCTAGCTACAACGA CCATTCGT         22236           5673         AUCACAGA A UGACACGA         5115         CCGGTAGCTACAACGA CTTCCTCT			<b> </b>	<del> </del>	
5582         CACUUCAG A UCCAUUCC         5105         GGAATGGA GGCTAGCTACAACGA CTGAAGTG         22226           5600         AGAGUCCA A UUCACCAA         5106         TTGGTGAA GGCTAGCTACAACGA TGGACTCT         22227           5608         AUUCACCA A UUUCCGAC         5107         GTCGGAAA GGCTAGCTACAACGA TGGTGAAT         22228           5615         AAUUUCCG A CUUACAGA         5108         TCTGTAAG GGCTAGCTACAACGA CGGAAATT         22229           5623         ACUUACAG A CUUAGAU         5109         GATCTCAG GGCTAGCTACAACGA CTGTAAGT         22230           5629         AGACUGAG A UCCCGGAU         5110         ATCCGAGG AGCTACAACGA CTCAGTCT         22231           5636         GAUCCCGG A UCGAGCUU         5111         AAGCTCGA GGCTAGCTACAACGA CTCAAGCT         22232           5648         AGCUUGGA A UCGAAUU         5112         ATCCAAGG GGCTAGCTACAACGA CCAAGGTT         22234           5661         GGAUCCGG A UACGAAUG         5114         GTGATCCA GGCTAGCTACAACGA CCAAGGTT         22234           5661         AGGAUGG A UCACAGAA         5115         TTCTGTGA GGCTAGCTACAACGA CCATTCGT         22236           5665         ACGAUGG A UACACAGG         5114         GTGATCCA GGCTAGCTACAACGA CCATTCGT         22236           5673         AUCACAGA A UACACCGG         5116         CCGGTAGCTACAACGA CTCCTGTA	<del></del>			<u> </u>	
5600         AGAGUCCA A UUCACCAA         5106         TTGGTGAA GGCTAGCTACAACGA TGGACTCT         22227           5608         AUUCACCA A UUUCCGAC         5107         GTCGGAAA GGCTAGCTACAACGA TGGTGAAT         22228           5615         AAUUUCCG A CUUACAGA         5108         TCTGTAAG GGCTAGCTACAACGA CGGAAATT         22229           5623         ACUUACAG A CUGAGAUC         5109         GATCTCAG GGCTAGCTACAACGA CTGAGTCT         22230           5629         AGACUGAG A CUCCGGAU         5110         ATCCGGGA GGCTAGCTACAACGA CTCAGCT         22231           5636         GAUCCCGG A UCGAGCUU         5111         AAGCTCGA GGCTAGCTACAACGA CCGGGATC         22232           5648         AGCUUGGA A CUCUGGAU         5112         ATCCAGAG GGCTAGCTACAACGA CCGAGCT         22233           5655         AACUCUGG A UACGAAUG         5113         CATTCGTA GGCTAGCTACAACGA CCAGAGTT         22234           5661         AGGAUGG A UACGAGAA         5113         CATTCGTA GGCTAGCTACAACGA CCAGTCT         22234           5665         ACGAUGG A UACACAGA         5115         TTCTGTGA GGCTAGCTACAACGA CTGTGCT         22236           5673         AUCACAGA A UACACCGG         5116         CCGGTTAG GGCTAGCTACAACGA CTCCCGG         22237           5713         GUGUCAAG A UGGAGAU         5118         ATCCCCA GGCTAGCTACAACGA CTCCCCGG <td><b></b></td> <td></td> <td><del></del></td> <td><del> </del></td> <td></td>	<b></b>		<del></del>	<del> </del>	
5608         AUUCACCA A UUUCCGAC         5107         GTCGGAAA GGCTAGCTACAACGA TGGTGAAT         22228           5615         AAUUUCCG A CUUACAGA         5108         TCTGTAAG GGCTAGCTACAACGA CGGAAATT         22229           5623         ACUUACAG A CUGAGAUC         5109         GATCTCAG GGCTAGCTACAACGA CTGATGT         22230           5629         AGACUGAG A UCCAGGAU         5110         ATCCGGGA GGCTAGCTACAACGA CTCAGTCT         22231           5636         GAUCCCGG A UCGAGCUU         5111         AAGCTCGA GGCTAGCTACAACGA CCGGGATC         22232           5648         AGCUUGGA A CUCUGGAU         5112         ATCCAGAG GGCTAGCTACAACGA CCGAGGT         22232           5655         AACUCUGG A UACGAAUG         5113         CATTCGTA GGCTAGCTACAACGA TCGATTCC         22235           5661         GGAUACGA A UACACGAA         5114         GTGATCCA GGCTAGCTACAACGA CCATTCGT         22236           5665         ACGAAUGG A UACACCGG         5116         CCGGTGTA GGCTAGCTACAACGA CTATCGT         22237           5673         AUCACAGA A UACACCGG         5116         CCGGTGTA GGCTAGCTACAACGA CTTCCCGG         22238           5713         GUGUCAGA A UGGGGAAU         5118         ATTCCCCA GGCTAGCTACAACGA CTTCCCCGG         22239           5720         GAUGGGGA A UGAGAUG         5119         CAATCTCA GGCTAGCTACAACGA TCCCCA				<u> </u>	
5615         AAUUUCCG A CUUACAGA         5108         TCTGTAAG GGCTAGCTACAACGA CGGAAATT         22229           5623         ACUUACAG A CUGAGAUC         5109         GATCTCAG GGCTAGCTACAACGA CTGTAAGT         22230           5629         AGACUGAG A UCCCGGAU         5110         ATCCGGGA GGCTAGCTACAACGA CTCAGTCT         22231           5636         GAUCCCGG A UCGAGCUU         5111         AAGCTCGA GGCTAGCTACAACGA CCGGGATC         22232           5648         AGCUUGGA A CUCUGGAU         5112         ATCCAGAG GGCTAGCTACAACGA CCGAGCTT         22234           5655         AACUCUGG A UACGAAUG         5113         CATTCGTA GGCTAGCTACAACGA CCAGAGTT         22234           5661         GGANACGA A UGGAUCAC         5114         GTGATCCA GGCTAGCTACAACGA CCATCGT         22235           5665         ACGAAUGG A UGACAGAA         5115         TTCTGTGA GGCTAGCTACAACGA CCATTCGT         22236           5673         AUCACAGA A UACACCGG         5116         CCGGTGTA GGCTAGCTACAACGA CTTCCCGG         22237           5713         GUGUCAAGA A UGAGAAUU         5118         ATTCCCCA GGCTAGCTACAACGA CTTCCCAG         22239           5720         GAUGGGA A UGAGAUUG         5118         ATTCCCCA GGCTAGCTACAACGA CTCCCATC         22240           5742         UGCUACA A CGUCCUU         5120         AAGGGCAA GGCTAGCTACAACGA CTCATC			<del></del>		<del></del>
5623         ACUUACAG A CUGAGAUC         5109         GATCTCAG GGCTAGCTACAACGA CTGTAAGT         22230           5629         AGACUGAG A UCCCGGAU         5110         ATCCGGGA GGCTAGCTACAACGA CTCAGTCT         22231           5636         GAUCCCGG A UCGAGCUU         5111         AAGCTCGA GGCTAGCTACAACGA CCGAGGATC         22232           5648         AGCUUGGA A CUCUGGAU         5112         ATCCAGAG GGCTAGCTACAACGA CCAGAGCT         22233           5655         AACUCUGG A UACGAAUG         5113         CATTCGTA GGCTAGCTACAACGA CCAGAGTT         22234           5661         AGGAUACGA A UACACGAA         5114         GTGATCCA GGCTAGCTACAACGA CCAGTCT         22235           5665         ACGAAUGG A UACACCGG         5116         CCGGTGTA GGCTACCAACGA TCTGTGT         22236           5673         AUCACAGA A UACACCGG         5116         CCGGTGTA GGCTACCAACGA CTTGCCGG         22238           5713         GUGUCAAG A UGAGAUUG         5117         CCAAACCG GGCTAGCTACAACGA CTTCCCGG         22239           5720         GAUGGGA A UGAGAUU         5118         ATTCCCCA GGCTAGCTACAACGA CTCCATC         22249           5742         UGCCUACA A CGUGCUG         5120         AAGGGAA GGCTAGCTACAACGA CTCATCC         22241           5766         GUAGUCCA A UUGACAG         5122         CTGTTCA GGCTACAACGA TGTATCA			<del></del>	<u></u>	<b></b>
5629         AGACUGAG A UCCCGGAU         5110         ATCCGGGA GGCTAGCTACAACGA CTCAGTCT         22231           5636         GAUCCCGG A UCGAGCUU         5111         AAGCTCGA GGCTAGCTACAACGA CCGGGATC         22232           5648         AGCUUGGA A CUCUGGAU         5112         ATCCAGAG GGCTAGCTACAACGA TCCAAGCT         22233           5655         AACUCUGG A UACGAAUG         5113         CATTCGTA GGCTAGCTACAACGA CCAGAGTT         22234           5661         GGAUACGA A UGGAUCAC         5114         GTGATCCA GGCTAGCTACAACGA CCATTCGT         22235           5665         ACGABUGG A UCACAGAA         5115         TTCTGTGA GGCTAGCTACAACGA CCATTCGT         22236           5673         AUCACAGA A UACACCGG         5116         CCGGTGTA GGCTAGCTACAACGA CTTCCCGG         22237           5686         CCGGGAAG A CGGUUJGG         5117         CCAAACCG GGCTAGCTACAACGA CTTCCCGG         22238           5713         GUGUCAAG A UGGAGAU         5118         ATTCCCCA GGCTAGCTACAACGA CTTCCCGG         22239           5720         GAUGGGGA A UGAGAUU         5119         CAATCTCA GGCTAGCTACAACGA CTCCATC         22240           5725         GGAAUGAG A UUGACCUU         5120         AAGGGCAA GGCTAGCTACAACGA CTCATCC         22241           5742         UGCCUACA A CGUGCUGG         5121         CCCAGCAG GGCTAGCTACAACGA TCAATCG				<u></u>	
5636         GAUCCCGG A UCGAGCUU         5111         AAGCTCGA GGCTAGCTACAACGA CCGGGATC         22232           5648         AGCUUGGA A CUCUGGAU         5112         ATCCAGAG GGCTAGCTACAACGA TCCAAGCT         22233           5655         AACUCUGG A UACGAAUG         5113         CATTCGTA GGCTAGCTACAACGA CCAGAGTT         22234           5661         GGAUACGA A UGGAUCAC         5114         GTGATCCA GGCTAGCTACAACGA TCGTATCC         22235           5665         ACGAAUGG A UACACCGG         5116         CCGGTGTA GGCTACACACGA CCATTCGT         22236           5673         AUCACAGA A UACACCGG         5116         CCGGTTAG GGCTAGCTACAACGA CTTCCCGG         22238           5686         CCGGGAAG A CGGUUUGG         5117         CCAAACCG GGCTAGCTACAACGA CTTCCCGG         22238           5733         GUGUCAAG A UGGGGAAU         5118         ATTCCCCA GGCTAGCTACAACGA CTTCCCGG         22238           5733         GUGUCAAG A UGAGAUUG         5119         CAATCTCA GGCTAGCTACAACGA CTCCCAGC         222239           5720         GAUGGGGA A UGAGAUUG         5119         CAATCTCA GGCTAGCTACAACGA CTCATCC         22240           5725         GGAAUGAG A UUGCCCUU         5120         AAGGCAA GGCTAGCTACAACGA TGTAGCA         22242           5766         GUAGUCCA A UUGAACAG         5122         CTGTTCAA         GGCTAGC				<del> </del>	
5648         AGCUUGGA A CUCUGGAU         5112         ATCCAGAG GGCTAGCTACAACGA TCCAAGCT         22233           5655         AACUCUGG A UACGAAUG         5113         CATTCGTA GGCTAGCTACAACGA CCAGAGTT         22234           5661         GGAUACGA A UGGAUCAC         5114         GTGATCCA GGCTAGCTACAACGA TCGTATCC         22235           5665         ACGAAUGG A UCACAGAA         5115         TTCTGTGA GGCTAGCTACAACGA CCATTCGT         22236           5673         AUCACAGA A UACACCGG         5116         CCGGTGTA GGCTAGCTACAACGA TCTGCGG         22237           5686         CCGGGAAG A CGGUUUGG         5117         CCAAACCG GGCTAGCTACAACGA CTTCCCGG         22238           5713         GUGUCAAG A UGGGGAAU         5118         ATTCCCCA GGCTAGCTACAACGA CTTGACAC         22239           5720         GAUGGGGA A UGACAUU         5119         CAATCTCA GGCTAGCTACAACGA TCCCCATC         22240           5725         GGAAUGAG A UUGCCCUU         5120         AAGGGCAA GGCTAGCTACAACGA CTCATTCC         22241           5742         UGCCUACA A CGUGCUG         5121         CCAGCACG GCTAGCTACAACGA TGAGCTACC         22243           5771         CCAAUUGA A CAGAAAGU         5123         ACTTCTG GCTACAACGA TCAATCA         22244           5788         CGUACGAG A CGGAGUAC         5124         GTACTCCG GCTAGCTACAACGA TCATCAC				<u> </u>	
5655         AACUCUGG A UACGAAUG         5113         CATTCGTA GGCTAGCTACAACGA CCAGAGTT         22234           5661         GGAUACGA A UGGAUCAC         5114         GTGATCCA GGCTAGCTACAACGA TCGTATCC         22235           5665         ACGAAUGG A UCACAGAA         5115         TTCTGTGA GGCTAGCTACAACGA CCATTCGT         22236           5673         AUCACAGA A UACACCGG         5116         CCGGTGTA GGCTACCAACGA TCTGTGAT         22237           5686         CCGGGAAG A CGGUUUGG         5117         CCAAACCG GGCTAGCTACAACGA CTTCCCGG         22238           5713         GUGUCAAG A UGGGGAAU         5118         ATTCCCCA GGCTAGCTACAACGA CTTGACAC         22239           5720         GAUGGGGA A UGAGAUUG         5119         CAATCTCA GGCTAGCTACAACGA TCCCCATC         22240           5725         GGAAUGAG A UUGCCCUU         5120         AAGGGCAA GGCTAGCTACAACGA CTCATTCC         22241           5742         UGCCUACA A CGUGCUGG         5121         CCAGCACG GGCTAGCTACAACGA TGTAGGCA         22242           5766         GUAGUCCA A UUGAACAG         5122         CTGTTCAA GGCTAGCAACGA TGAACGA TCAATGG         22243           5771         CCAAUGA A CAGAAGU         5123         ACTTTCTG GGCTAGCTACAACGA TCAATGG         22244           5802         UACCCAAA A UGUAAGAA         5124         GTACTCG GGCTAGCTACAACGA TCTTAC	<del></del>	AGCUUGGA A CUCUGGAU		ATCCAGAG GGCTAGCTACAACGA TCCAAGCT	22233
5665         ACGAAUGG A UCACAGAA         5115         TTCTGTGA GGCTAGCTACAACGA CCATTCGT         22236           5673         AUCACAGA A UACACCGG         5116         CCGGTGTA GGCTAGCTACAACGA TCTGTGAT         22237           5686         CCGGGAAG A CGGUUUGG         5117         CCAAACCG GGCTAGCTACAACGA CTTCCCGG         22238           5713         GUGUCAAG A UGGGGAAU         5118         ATTCCCCA GGCTAGCTACAACGA CTTCCCATC         22239           5720         GAUGGGGA A UGACAUUG         5119         CAATCTCA GGCTAGCTACAACGA TCCCCATC         22240           5725         GGAAUGAG A UUGCCCUU         5120         AAGGGCAA GGCTAGCTACAACGA TCCATTCC         22241           5742         UGCCUACA A CGUGCUGG         5121         CCAGCACG GGCTAGCTACAACGA TGTAGGCA         22242           5766         GUAGUCCA A UUGAACAG         5122         CTGTTCAA GGCTACAACGA TGGACTAC         22243           5771         CCAAUUGA A CAGAAAGU         5123         ACTTTCTG GGCTAGCTACAACGA TCAATCG         22244           5788         CGUACGAG A CGGAGUAC         5124         GTACTCCG GGCTAGCTACAACGA TCTGTAC         22245           5810         AUGUAAGA A CGAUGAUU         5126         AATCATCG GGCTAGCTACAACGA TCTTACAT         22247           5813         UAAGAACG A UGAUUGGG         5127         CCCAATCA GGCTAGCTACAACGA CGTTCTTA					22234
AUCACAGA A UACACCGG 5116 CCGGTGTA GGCTAGCTACAACGA TCTGTGAT 22237  5686 CCGGGAAG A CGGUUUGG 5117 CCAAACCG GGCTAGCTACAACGA CTTCCCGG 22238  5713 GUGUCAAG A UGGGGAAU 5118 ATTCCCCA GGCTAGCTACAACGA CTTGACAC 22239  5720 GAUGGGGA A UGAGAUUG 5119 CAATCTCA GGCTAGCTACAACGA TCCCCATC 22240  5725 GGAAUGAG A UUGCCCUU 5120 AAGGGCAA GGCTAGCTACAACGA TCCCCATC 22241  5742 UGCCUACA A CGUGCUGG 5121 CCAGCACG GGCTAGCTACAACGA TGTAGGCA 22242  5766 GUAGUCCA A UUGAACAG 5122 CTGTTCAA GGCTAGCTACAACGA TGTAGGCA 22243  5771 CCAAUUGA A CAGAAAGU 5123 ACTTCTG GGCTAGCTACAACGA TGAATTGG 22244  5788 CGUACGAG A CGGAGUAC 5124 GTACTCCG GGCTAGCTACAACGA TCTGATCG 22245  5802 UACCCAAA A UGUAAGAA 5125 TTCTTACA GGCTAGCTACAACGA TTTGGGTA 22246  5810 AUGUAAGA A CGAUGAUU 5126 AATCATCG GGCTAGCTACAACGA TCTTACAT 22247  5813 UAAGAACG A UGAUUGGG 5127 CCCAATCA GGCTAGCTACAACGA CGTTCTTA 22248  5816 GAACGAUG A UUGGGACU 5128 AGTCCCAA GGCTAGCTACAACGA CATCGTTC 22249  5822 UGAUUGGG A CUUUGUUA 5129 TAACAAAG GGCTAGCTACAACGA TCTGATAA 22250	5661	GGAUACGA A UGGAUCAC	5114	GTGATCCA GGCTAGCTACAACGA TCGTATCC	22235
5686 CCGGGAAG A CGGUUUGG 5117 CCAAACCG GGCTAGCTACAACGA CTTCCCGG 22238 5713 GUGUCAAG A UGGGGAAU 5118 ATTCCCCA GGCTAGCTACAACGA CTTGACAC 22239 5720 GAUGGGGA A UGAGAUUG 5119 CAATCTCA GGCTAGCTACAACGA TCCCCATC 22240 5725 GGAAUGAG A UUGCCCUU 5120 AAGGGCAA GGCTAGCTACAACGA CTCATTCC 22241 5742 UGCCUACA A CGUGCUGG 5121 CCAGCACG GGCTAGCTACAACGA TGTAGGCA 22242 5766 GUAGUCCA A UUGAACAG 5122 CTGTTCAA GGCTAGCTACAACGA TGAGTACC 5771 CCAAUUGA A CAGAAAGU 5123 ACTTCTG GGCTAGCTACAACGA TCAATTGG 22244 5788 CGUACGAG A CGGAGUAC 5124 GTACTCCG GGCTAGCTACAACGA TCAATTGG 22245 5802 UACCCAAA A UGUAAGAA 5125 TTCTTACA GGCTAGCTACAACGA TTTGGGTA 22246 5810 AUGUAAGA A CGAUGAUU 5126 AATCATCG GGCTAGCTACAACGA TCTTACAT 22247 5813 UAAGAACG A UGAUUGGG 5127 CCCAATCA GGCTAGCTACAACGA CGTTCTTA 22248 5816 GAACGAUG A UUGGGACU 5128 AGTCCCAA GGCTAGCTACAACGA CATCGTTC 22249 5822 UGAUUGGG A CUUUGUUA 5129 TAACAAAG GGCTAGCTACAACGA TCTGATAA 22250 5836 UUAUCACA A CAGACAUA 5130 TATGTCTG GGCTAGCTACAACGA TGTGATAA 22251		ACGAAUGG A UCACAGAA		TTCTGTGA GGCTAGCTACAACGA CCATTCGT	
5713 GUGUCAAG A UGGGGAAU 5118 ATTCCCCA GGCTAGCTACAACGA CTTGACAC 22239 5720 GAUGGGGA A UGAGAUUG 5119 CAATCTCA GGCTAGCTACAACGA TCCCCATC 22240 5725 GGAAUGAG A UUGCCCUU 5120 AAGGGCAA GGCTAGCTACAACGA CTCATTCC 22241 5742 UGCCUACA A CGUGCUGG 5121 CCAGCACG GGCTAGCTACAACGA TGTAGGCA 22242 5766 GUAGUCCA A UUGAACAG 5122 CTGTTCAA GGCTAGCTACAACGA TGAGTAC 5771 CCAAUUGA A CAGAAAGU 5123 ACTTTCTG GGCTAGCTACAACGA TCAATTGG 22244 5788 CGUACGAG A CGGAGUAC 5124 GTACTCCG GGCTAGCTACAACGA TCGATACG 22245 5802 UACCCAAA A UGUAAGAA 5125 TTCTTACA GGCTAGCTACAACGA TTTGGGTA 22246 5810 AUGUAAGA A CGAUGAUU 5126 AATCATCG GGCTAGCTACAACGA TCTTACAT 22247 5813 UAAGAACG A UGAUUGGG 5127 CCCAATCA GGCTAGCTACAACGA CGTTCTTA 22248 5816 GAACGAUG A UUGGGACU 5128 AGTCCCAA GGCTAGCTACAACGA CATCGTTC 22249 5822 UGAUUGGG A CUUUGUUA 5129 TAACAAAG GGCTAGCTACAACGA CCCAATCA 22250 5836 UUAUCACA A CAGACAUA 5130 TATGTCTG GGCTAGCTACAACGA TGTGATAA 22251	5673	AUCACAGA A UACACCGG	5116	CCGGTGTA GGCTAGCTACAACGA TCTGTGAT	
5713 GUGUCAAG A UGGGGAAU 5118 ATTCCCCA GGCTAGCTACAACGA CTTGACAC 22239 5720 GAUGGGGA A UGAGAUUG 5119 CAATCTCA GGCTAGCTACAACGA TCCCCATC 22240 5725 GGAAUGAG A UUGCCCUU 5120 AAGGGCAA GGCTAGCTACAACGA CTCATTCC 22241 5742 UGCCUACA A CGUGCUGG 5121 CCAGCACG GGCTAGCTACAACGA TGTAGGCA 22242 5766 GUAGUCCA A UUGAACAG 5122 CTGTTCAA GGCTAGCTACAACGA TGGACTAC 22243 5771 CCAAUUGA A CAGAAAGU 5123 ACTTTCTG GGCTAGCTACAACGA TCAATTGG 22244 5788 CGUACGAG A CGGAGUAC 5124 GTACTCCG GGCTAGCTACAACGA CTCGTACG 22245 5802 UACCCAAA A UGUAAGAA 5125 TTCTTACA GGCTAGCTACAACGA TTTGGGTA 22246 5810 AUGUAAGA A CGAUGAUU 5126 AATCATCG GGCTAGCTACAACGA TCTTACAT 22247 5813 UAAGAACG A UGAUUGGG 5127 CCCAATCA GGCTAGCTACAACGA CGTTCTTA 22248 5816 GAACGAUG A UUGGGACU 5128 AGTCCCAA GGCTAGCTACAACGA CATCGTTC 22249 5822 UGAUUGGG A CUUUGUUA 5129 TAACAAAG GGCTAGCTACAACGA CCCAATCA 22250 5836 UUAUCACA A CAGACAUA 5130 TATGTCTG GGCTAGCTACAACGA TGTGATAA 22251	5686	CCGGGAAG A CGGUUUGG	5117	CCAAACCG GGCTAGCTACAACGA CTTCCCGG	22238
5725 GGAAUGAG A UUGCCCUU 5120 AAGGGCAA GGCTAGCTACAACGA CTCATTCC 22241 5742 UGCCUACA A CGUGCUGG 5121 CCAGCACG GGCTAGCTACAACGA TGTAGGCA 22242 5766 GUAGUCCA A UUGAACAG 5122 CTGTTCAA GGCTAGCTACAACGA TGGACTAC 22243 5771 CCAAUUGA A CAGAAAGU 5123 ACTTTCTG GGCTAGCTACAACGA TCAATTGG 22244 5788 CGUACGAG A CGGAGUAC 5124 GTACTCCG GGCTAGCTACAACGA CTCGTACG 22245 5802 UACCCAAA A UGUAAGAA 5125 TTCTTACA GGCTAGCTACAACGA TTTGGGTA 22246 5810 AUGUAAGA A CGAUGAUU 5126 AATCATCG GGCTAGCTACAACGA TCTTACAT 22247 5813 UAAGAACG A UGAUUGGG 5127 CCCAATCA GGCTAGCTACAACGA CGTTCTTA 22248 5816 GAACGAUG A UUGGGACU 5128 AGTCCCAA GGCTAGCTACAACGA CATCGTTC 22249 5822 UGAUUGGG A CUUUGUUA 5129 TAACAAAG GGCTAGCTACAACGA CCCAATCA 22250 5836 UUAUCACA A CAGACAUA 5130 TATGTCTG GGCTAGCTACAACGA TGTGATAA 22251	5713	GUGUCAAG A UGGGGAAU	5118	ATTCCCCA GGCTAGCTACAACGA CTTGACAC	22239
5742 UGCCUACA A CGUGCUGG 5121 CCAGCACG GGCTAGCTACAACGA TGTAGGCA 22242 5766 GUAGUCCA A UUGAACAG 5122 CTGTTCAA GGCTAGCTACAACGA TGGACTAC 22243 5771 CCAAUUGA A CAGAAAGU 5123 ACTTCTG GGCTAGCTACAACGA TCAATTGG 22244 5788 CGUACGAG A CGGAGUAC 5124 GTACTCCG GGCTAGCTACAACGA CTCGTACG 22245 5802 UACCCAAA A UGUAAGAA 5125 TTCTTACA GGCTAGCTACAACGA TTTGGGTA 22246 5810 AUGUAAGA A CGAUGAUU 5126 AATCATCG GGCTAGCTACAACGA TCTTACAT 22247 5813 UAAGAACG A UGAUUGGG 5127 CCCAATCA GGCTAGCTACAACGA CGTTCTTA 22248 5816 GAACGAUG A UUGGGACU 5128 AGTCCCAA GGCTAGCTACAACGA CATCGTTC 22249 5822 UGAUUGGG A CUUUGUUA 5129 TAACAAAG GGCTAGCTACAACGA CCCAATCA 22250 5836 UUAUCACA A CAGACAUA 5130 TATGTCTG GGCTAGCTACAACGA TGTGATAA 22251	5720	GAUGGGGA A UGAGAUUG	5119	CAATCTCA GGCTAGCTACAACGA TCCCCATC	22240
5766 GUAGUCCA A UUGAACAG 5122 CTGTTCAA GGCTAGCTACAACGA TGGACTAC 22243 5771 CCAAUUGA A CAGAAAGU 5123 ACTTTCTG GGCTAGCTACAACGA TCAATTGG 22244 5788 CGUACGAG A CGGAGUAC 5124 GTACTCCG GGCTAGCTACAACGA CTCGTACG 22245 5802 UACCCAAA A UGUAAGAA 5125 TTCTTACA GGCTAGCTACAACGA TTTGGGTA 22246 5810 AUGUAAGA A CGAUGAUU 5126 AATCATCG GGCTAGCTACAACGA TCTTACAT 22247 5813 UAAGAACG A UGAUUGGG 5127 CCCAATCA GGCTAGCTACAACGA CGTTCTTA 22248 5816 GAACGAUG A UUGGGACU 5128 AGTCCCAA GGCTAGCTACAACGA CATCGTTC 22249 5822 UGAUUGGG A CUUUGUUA 5129 TAACAAAG GGCTAGCTACAACGA CCCAATCA 22250 5836 UUAUCACA A CAGACAUA 5130 TATGTCTG GGCTAGCTACAACGA TGTGATAA 22251	5725	GGAAUGAG A UUGCCCUU	5120	AAGGGCAA GGCTAGCTACAACGA CTCATTCC	22241
5771 CCAAUUGA A CAGAAAGU 5123 ACTTTCTG GGCTAGCTACAACGA TCAATTGG 22244 5788 CGUACGAG A CGGAGUAC 5124 GTACTCCG GGCTAGCTACAACGA CTCGTACG 22245 5802 UACCCAAA A UGUAAGAA 5125 TTCTTACA GGCTAGCTACAACGA TTTGGGTA 22246 5810 AUGUAAGA A CGAUGAUU 5126 AATCATCG GGCTAGCTACAACGA TCTTACAT 22247 5813 UAAGAACG A UGAUUGGG 5127 CCCAATCA GGCTAGCTACAACGA CGTTCTTA 22248 5816 GAACGAUG A UUGGGACU 5128 AGTCCCAA GGCTAGCTACAACGA CATCGTTC 22249 5822 UGAUUGGG A CUUUGUUA 5129 TAACAAAG GGCTAGCTACAACGA CCCAATCA 22250 5836 UUAUCACA A CAGACAUA 5130 TATGTCTG GGCTAGCTACAACGA TGTGATAA 22251	5742	UGCCUACA A CGUGCUGG	5121	CCAGCACG GGCTAGCTACAACGA TGTAGGCA	22242
5788 CGUACGAG A CGGAGUAC 5124 GTACTCCG GGCTAGCTACAACGA CTCGTACG 22245 5802 UACCCAAA A UGUAAGAA 5125 TTCTTACA GGCTAGCTACAACGA TTTGGGTA 22246 5810 AUGUAAGA A CGAUGAUU 5126 AATCATCG GGCTAGCTACAACGA TCTTACAT 22247 5813 UAAGAACG A UGAUUGGG 5127 CCCAATCA GGCTAGCTACAACGA CGTTCTTA 22248 5816 GAACGAUG A UUGGGACU 5128 AGTCCCAA GGCTAGCTACAACGA CATCGTTC 22249 5822 UGAUUGGG A CUUUGUUA 5129 TAACAAAG GGCTAGCTACAACGA CCCAATCA 22250 5836 UUAUCACA A CAGACAUA 5130 TATGTCTG GGCTAGCTACAACGA TGTGATAA 22251	5766	GUAGUCCA A UUGAACAG	5122	<u> </u>	22243
5802UACCCAAA A UGUAAGAA5125TTCTTACA GGCTAGCTACAACGA TTTGGGTA222465810AUGUAAGA A CGAUGAUU5126AATCATCG GGCTAGCTACAACGA TCTTACAT222475813UAAGAACG A UGAUUGGG5127CCCAATCA GGCTAGCTACAACGA CGTTCTTA222485816GAACGAUG A UUGGGACU5128AGTCCCAA GGCTAGCTACAACGA CATCGTTC222495822UGAUUGGG A CUUUGUUA5129TAACAAAG GGCTAGCTACAACGA CCCAATCA222505836UUAUCACA A CAGACAUA5130TATGTCTG GGCTAGCTACAACGA TGTGATAA22251			5123	ACTITCTG GGCTAGCTACAACGA TCAATTGG	22244
5810 AUGUAAGA A CGAUGAUU 5126 AATCATCG GGCTAGCTACAACGA TCTTACAT 22247 5813 UAAGAACG A UGAUUGGG 5127 CCCAATCA GGCTAGCTACAACGA CGTTCTTA 22248 5816 GAACGAUG A UUGGGACU 5128 AGTCCCAA GGCTAGCTACAACGA CATCGTTC 22249 5822 UGAUUGGG A CUUUGUUA 5129 TAACAAAG GGCTAGCTACAACGA CCCAATCA 22250 5836 UUAUCACA A CAGACAUA 5130 TATGTCTG GGCTAGCTACAACGA TGTGATAA 22251			5124	GTACTCCG GGCTAGCTACAACGA CTCGTACG	22245
5813 UAAGAACG A UGAUUGGG 5127 CCCAATCA GGCTAGCTACAACGA CGTTCTTA 22248 5816 GAACGAUG A UUGGGACU 5128 AGTCCCAA GGCTAGCTACAACGA CATCGTTC 22249 5822 UGAUUGGG A CUUUGUUA 5129 TAACAAAG GGCTAGCTACAACGA CCCAATCA 22250 5836 UUAUCACA A CAGACAUA 5130 TATGTCTG GGCTAGCTACAACGA TGTGATAA 22251	<del></del>				22246
5816 GAACGAUG A UUGGGACU 5128 AGTCCCAA GGCTAGCTACAACGA CATCGTTC 22249 5822 UGAUUGGG A CUUUGUUA 5129 TAACAAAG GGCTAGCTACAACGA CCCAATCA 22250 5836 UUAUCACA A CAGACAUA 5130 TATGTCTG GGCTAGCTACAACGA TGTGATAA 22251				<u></u>	
5822 UGAUUGGG A CUUUGUUA 5129 TAACAAAG GGCTAGCTACAACGA CCCAATCA 22250 5836 UUAUCACA A CAGACAUA 5130 TATGTCTG GGCTAGCTACAACGA TGTGATAA 22251				<u></u>	<del> </del>
5836 UUAUCACA A CAGACAUA 5130 TATGTCTG GGCTAGCTACAACGA TGTGATAA 22251			<del></del>		
			<del> </del>	<u> </u>	f
5840   CACAACAG A CAUAUCUG   5131   CAGATATG GGCTAGCTACAACGA CTGTTGTG   22252				<u> </u>	
	5840	CACAACAG A CAUAUCUG	5131	CAGATATO GGCTAGCTACAACGA CTGTTGTG	22252

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5851	UAUCUGAA A UGGGGGCU	5132	AGCCCCCA GGCTAGCTACAACGA TTCAGATA	22253
5861	GGGGGCUA A CUUCAAGG	5133	CCTTGAAG GGCTAGCTACAACGA TAGCCCCC	22254
5881	GCAGGGUG A UUGACAGC	5134	GCTGTCAA GGCTAGCTACAACGA CACCCTGC	22255
5885	GGUGAUUG A CAGCCGGA	5135	TCCGGCTG GGCTAGCTACAACGA CAATCACC	22256
5904	AGUGUGAA A CCAACCAU	5136	ATGGTTGG GGCTAGCTACAACGA TTCACACT	22257
5908	UGAAACCA A CCAUCAUA	5137	TATGATGG GGCTAGCTACAACGA TGGTTTCA	22258
5917	CCAUCAUA A CAGAAGGA	5138	TCCTTCTG GGCTAGCTACAACGA TATGATGG	22259
5938	GGAGAGUG A UCCUGGGA	5139	TCCCAGGA GGCTAGCTACAACGA CACTCTCC	22260
5949	CUGGGAGA A CCAUCUGC	5140	GCAGATGG GGCTAGCTACAACGA TCTCCCAG	22261
5962	CUGCAGUG A CAGCAGCU	5141	AGCTGCTG GGCTAGCTACAACGA CACTGCAG	22262
5985	GCCCAGAG A CGUGGACG	5142	CGTCCACG GGCTAGCTACAACGA CTCTGGGC	22263
5991	AGACGUGG A CGUAUCGG	5143	CCGATACG GGCTAGCTACAACGA CCACGTCT	22264
6005	CGGUAGAA A UCCGUCGC	5144	GCGACGGA GGCTAGCTACAACGA TTCTACCG	22265
6023	AGUUGGUG A UGAGUACU	5145	AGTACTCA GGCTAGCTACAACGA CACCAACT	22266
6050	GCACACGA A UGAAGACG	5146	CGTCTTCA GGCTAGCTACAACGA TCGTGTGC	22267
6056	GAAUGAAG A CGACUCGA	5147	TCGAGTCG GGCTAGCTACAACGA CTTCATTC	22268
6059	UGAAGACG A CUCGAACU	5148	AGTTCGAG GGCTAGCTACAACGA CGTCTTCA	22269
6065	CGACUCGA A CUUCGCCC	5149	GGGCGAAG GGCTAGCTACAACGA TCGAGTCG	22270
6079	CCCAUUGG A CUGAGGCA	5150	TGCCTCAG GGCTAGCTACAACGA CCAATGGG	22271
6091	AGGCACGA A UCAUGCUG	5151	CAGCATGA GGCTAGCTACAACGA TCGTGCCT	22272
6101	CAUGCUGG A CAACAUCA	5152	TGATGTTG GGCTAGCTACAACGA CCAGCATG	22273
6104	GCUGGACA A CAUCAACA	5153	TGTTGATG GGCTAGCTACAACGA TGTCCAGC	22274
6110	CAACAUCA A CAUGCCAA	5154	TTGGCATG GGCTAGCTACAACGA TGATGTTG	22275
6119	CAUGCCAA A CGGACUGA	5155	TCAGTCCG GGCTAGCTACAACGA TTGGCATG	22276
6123	CCAAACGG A CUGAUCGC	5156	GCGATCAG GGCTAGCTACAACGA CCGTTTGG	22277
6127	ACGGACUG A UCGCUCAA	5157	TTGAGCGA GGCTAGCTACAACGA CAGTCCGT	22278
6135	AUCGCUCA A UUCUACCA	5158	TGGTAGAA GGCTAGCTACAACGA TGAGCGAT	22279
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6173	UACCAUGG A UGGGGAAU	5160	ATTCCCCA GGCTAGCTACAACGA CCATGGTA	22281
6180	GAUGGGGA A UACCGGCU	5161	AGCCGGTA GGCTAGCTACAACGA TCCCCATC	22282
6209	GAGAAAA A CUUUCUGG	5162	CCAGAAAG GGCTAGCTACAACGA TTTTTCTC	22283
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6229	UGUUGAGG A CUGCAGAU	5164	ATCTGCAG GGCTAGCTACAACGA CCTCAACA	22285
6236	GACUGCAG A UCUGCCAG	5165	CTGGCAGA GGCTAGCTACAACGA CTGCAGTC	22286
6290	AUACCACG A CCGGAGGU	5166	ACCTCCGG GGCTAGCTACAACGA CGTGGTAT	22287
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6319	GUCCUAGG A CAAACACA	5168	TGTGTTTG GGCTAGCTACAACGA CCTAGGAC	22289
6323	UAGGACAA A CACAAUUU	5169	AAATTGTG GGCTAGCTACAACGA TTGTCCTA	22290
6328	CAAACACA A UUUUAGAA	5170	TTCTAAAA GGCTAGCTACAACGA TGTGTTTG	22291
6338	UUUAGAAG A CAACAACG	5171	CGTTGTTG GGCTAGCTACAACGA CTTCTAAA	22292
6341	AGAAGACA A CAACGAAG	5172	CTTCGTTG GGCTAGCTACAACGA TGTCTTCT	22293
6344	AGACAACA A CGAAGUGG	5173	CCACTTCG GGCTAGCTACAACGA TGTTGTCT	22294
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6465	UCGGGAAA A CGUUCUCA	5179	TGAGAACG GGCTAGCTACAACGA TTTCCCGA	22300
6475	GUUCUCAG A UAGGGCUC	5180	GAGCCCTA GGCTAGCTACAACGA CTGAGAAC	22301
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6526	UGGGGAAG A CAUGGGAA	5182	TTCCCATG GGCTAGCTACAACGA CTTCCCCA	22303
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6658	GUGUGAUG A CCAUGGGA	5191	TCCCATGG GGCTAGCTACAACGA CATCACAC	22312
6706	UUGGAAAG A UAGGUUUG	5192	CAAACCTA GGCTAGCTACAACGA CTTTCCAA	22313
6739	GAGUCGCG A CCUUUUUC	5193	GAAAAAGG GGCTAGCTACAACGA CGCGACTC	22314

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6772	UUCCAGGA A CGAAGAUC	5195	GATCTTCG GGCTAGCTACAACGA TCCTGGAA	22316
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6787	UCGCCGGA A UGUUGCUG	5197	CAGCAACA GGCTAGCTACAACGA TCCGGCGA	22318
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			GCTGGTTG GGCTAGCTACAACGA CTGTCTGC	22324
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6880	UGUUCCUG A UUUGUGUC	5205	GACACAAA GGCTAGCTACAACGA CAGGAACA	22326
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6976	GGCAAAGA A UUGAGGUC	5212	GACCTCAA GGCTAGCTACAACGA TCTTTGCC	22333
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	CCUCAUUG A CCUCAAUA	5221	TATTGAGG GGCTAGCTACAACGA CAATGAGG	22342
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7388	GGCCACGG A CGUCCCAG	5234	CTGGGACG GGCTAGCTACAACGA CCGTGGCC	22355
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	GAAUUUUG A UCACGGCC	5242	GGCCGTGA GGCTAGCTACAACGA CAAAATTC	22363
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7725	AAAGAAAG A CUCAACCA	5255	AAGGTGCG GGCTAGCTACAACGA CCTTTTGC	22375
	- COURTON	2235	TGGTTGAG GGCTAGCTACAACGA CTTTCTTT	22376

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9764	UCGCAAAG A CAUCCAAG	5374	CTTGGATG GGCTAGCTACAACGA CTTTGCGA	22495
9780	GAGUGGAA A CCGUCAAC	5375	GTTGACGG GGCTAGCTACAACGA TTCCACTC	22496
9787	AACCGUCA A CUGGAUGG	5376	CCATCCAG GGCTAGCTACAACGA TGACGGTT	22497
9792	UCAACUGG A UGGUAUGA	5377	TCATACCA GGCTAGCTACAACGA CCAGTTGA	22498
9800	AUGGUAUG A UUGGCAGC	5378	GCTGCCAA GGCTAGCTACAACGA CATACCAT	22499
9827	UUGCUCAA A CCAUUUCA	5379	TGAAATGG GGCTAGCTACAACGA TTGAGCAA	22500
		<del></del>		

9840	UUCACUGA A UUGAUCAU	5380	ATGATCAA GGCTAGCTACAACGA TCAGTGAA	22501
9844	CUGAAUUG A UCAUGAAA	5381	TTTCATGA GGCTAGCTACAACGA CAATTCAG	22502
9854	CAUGAAAG A UGGAAGAA	5382	TTCTTCCA GGCTAGCTACAACGA CTTTCATG	22503
9862	AUGGAAGA A CACUGGUG	5383	CACCAGTG GGCTAGCTACAACGA TCTTCCAT	22504
9885	UGCCGAGG A CAGGAUGA	5384	TCATCCTG GGCTAGCTACAACGA CCTCGGCA	22505
9890	AGGACAGG A UGAAUUGG	5385	CCAATTCA GGCTAGCTACAACGA CCTGTCCT	22506
9894	CAGGAUGA A UUGGUAGG	5386	CCTACCAA GGCTAGCTACAACGA TCATCCTG	22507
9930	GGGGCCGG A UGGAACGU	5387	ACGTTCCA GGCTAGCTACAACGA CCGGCCCC	22508
9935	CGGAUGGA A CGUCCGCG	5388	CGCGGACG GGCTAGCTACAACGA TCCATCCG	22509
9944	CGUCCGCG A CACUGCUU	5389	AAGCAGTG GGCTAGCTACAACGA CGCGGACG	22510
9976	AUGCCCAG A UGUGGCUG	5390	CAGCCACA GGCTAGCTACAACGA CTGGGCAT	22511
10007	CAGAAGAG A CCUGCGGC	5391	GCCGCAGG GGCTAGCTACAACGA CTCTTCTG	22512
10025	CAUGGCCA A CGCCAUUU	5392	AAATGGCG GGCTAGCTACAACGA TGGCCATG	22513
10052	CCCUGUGA A UUGGGUCC	5393	GGACCCAA GGCTAGCTACAACGA TCACAGGG	22514
10072	CCGGAAGA A CCACGUGG	5394	CCACGTGG GGCTAGCTACAACGA TCTTCCGG	22515
10105	GAGAGUGG A UGACAACA	5395	TGTTGTCA GGCTAGCTACAACGA CCACTCTC	22516
10108	AGUGGAUG A CAACAGAG	5396	CTCTGTTG GGCTAGCTACAACGA CATCCACT	22517
10111	GGAUGACA A CAGAGGAC	5397	GTCCTCTG GGCTAGCTACAACGA TGTCATCC	22518
10118	AACAGAGG A CAUGUUGG	5398	CCAACATG GGCTAGCTACAACGA CCTCTGTT	22519
10116	GGUCUGGA A CCGUGUUU	5398	AAACACGG GGCTAGCTACAACGA TCCAGACC	22520
10136	GUGUUUGG A UAGAGGAG	5400	CTCCTCTA GGCTAGCTACAACGA CCAAACAC	22521
		5400	TCCATTCA GGCTAGCTACAACGA CCAAACAC TCCATTCA GGCTAGCTACAACGA TCTCCTCT	
10157	AGAGGAGA A UGAAUGGA GAGAAUGA A UGGAUGGA	5401		22522
10161			TCCATCCA GGCTAGCTACAACGA TCATTCTC	22523
10165	AUGAAUGG A UGGAAGAC	5403	GTCTTCCA GGCTAGCTACAACGA CCATTCAT	22524
10172	GAUGGAAG A CAAAACCC	5404	GGGTTTTG GGCTAGCTACAACGA CTTCCATC	22525
10177	AAGACAAA A CCCCAGUG	5405	CACTGGGG GGCTAGCTACAACGA TTTGTCTT	22526
10191	GUGGAGAA A UGGAGUGA	5406	TCACTCCA GGCTAGCTACAACGA TTCTCCAC	22527
10199	AUGGAGUG A CGUCCCAU	5407	ATGGGACG GGCTAGCTACAACGA CACTCCAT	22528
10218	UCAGGAAA A CGAGAGGA	5408	TCCTCTCG GGCTAGCTACAACGA TTTCCTGA	22529
10226	ACGAGAGG A CAUCUGGU	5409	ACCAGATG GGCTAGCTACAACGA CCTCTCGT	22530
10246	GCAGCCUG A UUGGCACA	5410	TGTGCCAA GGCTAGCTACAACGA CAGGCTGC	22531
10280	GGCAGAAA A CAUCCAGG	5411	CCTGGATG GGCTAGCTACAACGA TTTCTGCC	22532
10298	GGCUAUCA A CCAAGUCA	5412	TGACTTGG GGCTAGCTACAACGA TGATAGCC	22533
10312	UCAGAGCA A UCAUCGGA	5413	TCCGATGA GGCTAGCTACAACGA TGCTCTGA	22534
10322	CAUCGGAG A UGAGAAGU	5414	ACTTCTCA GGCTAGCTACAACGA CTCCGATG	22535
10337	GUAUGUGG A UUACAUGA	5415	TCATGTAA GGCTAGCTACAACGA CCACATAC	22536
10359	CUAAAGAG A UAUGAAGA	5416	TCTTCATA GGCTAGCTACAACGA CTCTTTAG	22537
10367	AUAUGAAG A CACAACUU	5417	AAGTTGTG GGCTAGCTACAACGA CTTCATAT	22538
10372	AAGACACA A CUUUGGUU	5418	AACCAAAG GGCTAGCTACAACGA TGTGTCTT	22539
10385	GGUUGAGG A CACAGUAC	5419	GTACTGTG GGCTAGCTACAACGA CCTCAACC	22540
10399	UACUGUAG A UAUUUAAU	5420	ATTAAATA GGCTAGCTACAACGA CTACAGTA	22541
10406	GAUAUUUA A UCAAUUGU	5421	ACAATTGA GGCTAGCTACAACGA TAAATATC	22542
10410	UUUAAUCA A UUGUAAAU	5422	ATTTACAA GGCTAGCTACAACGA TGATTAAA	22543
10417	AAUUGUAA A UAGACAAU	5423	ATTGTCTA GGCTAGCTACAACGA TTACAATT	22544
10421	GUAAAUAG A CAAUAUAA	5424	TTATATTG GGCTAGCTACAACGA CTATTTAC	22545
10424	AAUAGACA A UAUAAGUA	5425	TACTTATA GGCTAGCTACAACGA TGTCTATT	22546
10480	UAGUGUAA A UAGUUAAG	5426	CTTAACTA GGCTAGCTACAACGA TTACACTA	22547
10492	UUAAGAAA A UUUUGAGG	5427	CCTCAAAA GGCTAGCTACAACGA TTTCTTAA	22548
10544	UUGAGUAG A CGGUGCUG	5428	CAGCACCG GGCTAGCTACAACGA CTACTCAA	22549
10559	UGCCUGCG A CUCAACCC	5429	GGGTTGAG GGCTAGCTACAACGA CGCAGGCA	22550
10564	GCGACUCA A CCCCAGGA	5430	TCCTGGGG GGCTAGCTACAACGA TGAGTCGC	22551
10575	CCAGGAGG A CUGGGUGA	5431	TCACCCAG GGCTAGCTACAACGA CCTCCTGG	22552
10584	CUGGGUGA A CAAAGCCG	5432	CGGCTTTG GGCTAGCTACAACGA TCACCCAG	22553
10600	GCGAAGUG A UCCAUGUA	5433	TACATGGA GGCTAGCTACAACGA CACTTCGC	22554
10619	CCCUCAGA A CCGUCUCG	5434	CGAGACGG GGCTAGCTACAACGA TCTGAGGG	22555
10636	GAAGGAGG A CCCCACAU	5435	ATGTGGGG GGCTAGCTACAACGA CCTCCTTC	22556
10651	AUGUUGUA A CUUCAAAG	5436	CTTTGAAG GGCTAGCTACAACGA TACAACAT	22557
10664	AAAGCCCA A UGUCAGAC	5437	GTCTGACA GGCTAGCTACAACGA TGGGCTTT	22558
10671	AAUGUCAG A CCACGCUA	<del></del>	<u></u>	+
10713	AGUCUGCG A UAGUGCCC	5438	TAGCGTGG GGCTAGCTACAACGA CTGACATT	22559
10713		5439	GGGCACTA GGCTAGCTACAACGA CGCAGACT	22560
<del>                                     </del>	CCAGGAGG A CUGGGUUA	5440	TAACCCAG GGCTAGCTACAACGA CCTCCTGG	22561
10738	CUGGGUUA A CAAAGGCA	5441	TGCCTTTG GGCTAGCTACAACGA TAACCCAG	22562

#### WO 02/068637 Table VI PCT/US01/48350

10748	AAAGGCAA A CCAACGCC	5442	GGCGTTGG GGCTAGCTACAACGA TTGCCTTT	22563
10752	GCAAACCA A CGCCCCAC	5443	GTGGGGCG GGCTAGCTACAACGA TGGTTTGC	22564
10779	CCCCGGUA A UGGUGUUA	5444	TAACACCA GGCTAGCTACAACGA TACCGGGG	22565
10788	UGGUGUUA A CCAGGGCG	5445	CGCCCTGG GGCTAGCTACAACGA TAACACCA	22566
10802	GCGAAAGG A CUAGAGGU	5446	ACCTCTAG GGCTAGCTACAACGA CCTTTCGC	22567
10819	UAGAGGAG A CCCCGCGG	5447	CCGCGGGG GGCTAGCTACAACGA CTCCTCTA	22568
10851	CCAGCCUG A CUGAAGCU	5448	AGCTTCAG GGCTAGCTACAACGA CAGGCTGG	22569
10876	GGGGAAGG A CUAGAGGU	5449	ACCTCTAG GGCTAGCTACAACGA CCTTCCCC	22570
10893	UAGUGGAG A CCCCGUGC	5450	GCACGGG GGCTAGCTACAACGA CTCCACTA	22571
10908	GCCACAAA A CACCACAA	5451	TTGTGGTG GGCTAGCTACAACGA TTTGTGGC	22572
10916	ACACCACA A CAAAACAG	5452	CTGTTTTG GGCTAGCTACAACGA TGTGGTGT	22573
10921	ACAACAAA A CAGCAUAU	5453	ATATGCTG GGCTAGCTACAACGA TTTGTTGT	22574
10932	GCAUAUUG A CACCUGGG	5454	CCCAGGTG GGCTAGCTACAACGA CAATATGC	22575
10941	CACCUGGG A UAGACUAG	5455	CTAGTCTA GGCTAGCTACAACGA CCCAGGTG	22576
10945	UGGGAUAG A CUAGGAGA	5456	TCTCCTAG GGCTAGCTACAACGA CTATCCCA	22577
10953	ACUAGGAG A UCUUCUGC	5457	GCAGAAGA GGCTAGCTACAACGA CTCCTAGT	22578
10970	UCUGCACA A CCAGCCAC	5458	GTGGCTGG GGCTAGCTACAACGA TGTGCAGA	22579
10995	GUGCGCCG A CAAUGGUG	5459	CACCATTG GGCTAGCTACAACGA CGGCGCAC	22580
10998	CGCCGACA A UGGUGGCU	5460	AGCCACCA GGCTAGCTACAACGA TGTCGGCG	22581
11019	GUGCGAGA A CACAGGAU	5461	ATCCTGTG GGCTAGCTACAACGA TCTCGCAC	22582

Input Sequence = AF196835. Cut Site = R/Y
Arm Length = 8. Core Sequence = GGCTAGCTACAACGA
AF196835 West Nile virus strain NY99-flamingo382-99, complete
genome

Table VII

Table VII: WNV Amberzyme and Target Sequence

Rz Seg ID	22583	22584	22585	22586	22587	22588	22589	22590	22591	22592	22593	22594	22595	22596	22597	22598	22599	22600	22601	22602	22603	22604	22605	22606	22607	22608	22609	22610	22611	22612	22613	22614	22615	22616	22617	27618
Кі́ Бозуше	CACACAGG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GAACUACU	AGCUCACA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGGCGAAC	UCAGCUCA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACAGGCGA	UNUGUCAG GGA GCCGUNAGGC UCCCUUCAAGGA GCCGUNAGGC UCCGGG UCACACAG	AAACACUA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UAAGUUUG	CACAAACA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UACUAAGU	CUCACAAA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACUACUAA	AAUCCUCA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAACACUA	AGCUCGCA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGUGUUAA		AGAAACAG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCGCACUG		UCUUCEUG GER GCCEUTRAGEC UCCCUUCAAGGA GCCEUTRAGGC UCCGGG UPAGARAC	UUCUUAGA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUCGAGAU	UNGCCGGG GGA GCCGUNAGGC UCCCUUCAAGGA GCCGUNAGGC UCCGGG CCUCCUGG	GECUCANG GGA GCCGVVAGGC UCCCVVCAAGGA GCCGVVAGGC UCCGGG CGGGCCCV	CAGCCCGG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCUUGCCG	AUUGACAG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCGGCUCU	CADADUGA GGA GCCGUDAGGC UCCCUUCAAGGA GCCGUDAGGC UCCGGG AGCCCGGC	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG		accennagec uccees	GGACAACA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GCGGGGCA	AAGGACAA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACGCGGGG			AGGCUCAA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUAGCCCU	CGAUCAGG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCAACAUA	GCCCCUUG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CGUCGAUC	CEUAVUES GEA GCCEUUAGEC UCCCUUCAAGEA GCCEUUAGEC UCCEGE CCCUUGCC	AGCCAACA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAAUCGUA	AGAGCCAA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACAAAUCG	CAAGAGAG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAACACAA	GAAGAACG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAAGAGAG	CHECKAGO CONTROL ADDARDING ADDARDING CONTROL CONTROL AND ACCURATION
GI bes	3462	3463	3464	3465	3466	3467	3468	3469	3470	3471	3472	3473	3474	3475	3476	3477	3478	3479	3480	3481	3482	3483	3484	3485	3486	3487	3488	3489	3490	3491	3492	3493	3494	3495	3496	3407
Substrate	AGUAGUUC G CCUGUGUG	GUUCGCCU G UGUGAGCU	UCGCCUGU G UGAGCUGA	G CUGA	G UAGU	ACUUAGUA G UGUUUGUG	UVAGUAGU G UUUGUGAG	UAGUGUUU G UGAGGAUU	UUAACACA G UGCGAGCU	AACACAGU G CGAGCUGU	CAGUGCGA G CUGUUUCU	UGCGAGCU G UUUCUUAG	GUUUCUUA G CACGAAGA	AUCUCGAU G UCUAAGAA	CCAGGAGG G CCCGGCAA	AGGCCCG G CAAGAGCC	CGGCAAGA G CCGGGCUG	AGAGCCGG G CUGUCAAU	G UCAAL	GUCAAUAU G CUAAAACG	GCUAAAAC G CGGAAUGC	CGCGGAAU G CCCCGCGU	AAUGCCCC G CGUGUUGU	vececee e venvevee	ccccccu e menccun	cecedand a uccudan	UGAAGAGG G CUAUGUUG	AGGGCUAU G UUGAGCCU	UAUGUUGA G CCUGAUCG	GAUCGACG G CAAGGGGC	G CCAAU	UACGAUUU G UGUUGGCU	Ø	O	O	CHCHICAGO G THICHICAG
Pos	6	13	15	19	32	35	3.7	41	99	68	72	75	83	66	117	122	128	133	136	144	152	159	164	166	168	171	193	198	203	215	222	235	237	241	250	252

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GGUUCACA G CAAUUGCU	3499	AGCAAUUG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGUGAACC 22620
CAGCAAUU G CUCCGACC	3500	accevunage ucceed
CGACCCGA G CAGUGCUG	3501	GCCGUUAGGC UCCGGG
CCCGAGCA G UGCUGGAU	3502	UCCCUUCAAGGA GCCGUUAGGC UCCGGG
CGAGCAGU G CUGGAUCG	3503	CGAUCCAG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACUGCUCG
AUGGAGAG G UGUGAACA	3504	UGUUCACA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUCUCCAU 22625
GGAGAGGU G UGAACAAA	3505	UNUGUNCA GGA GCCGUNAGGC UCCCUUCAAGGA GCCGUNAGGC UCCGGG ACCUCUCC 22626
AACAAACA G CGAUGAAA	3506	GCCGUUAGGC
CCUUCUGA G UUUUAAGA	3507	UCCGGG UCAGAAGG
g ugan	3508	UGGUCAAG
UGACCAGU G CUAUCAAU	3509	AUUGAUAG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACUGGUCA 22630
AUCAAUCG G CGGAGCUC	3510	GCCGUUAGGC UCCGGG CGAUUGAU
UCGGCGGA G CUCAAAAC	3511	GUUUUGAG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCCGCCGA 22632
CCGGAAUU G CAGUCAUG	3512	CAUGACUG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAUUCCGG 22633
GAAUUGCA G UCAUGAUU	3513	೧୯୯୯
	3514	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAAUCAUG
accudanc o ccaecena	3515	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GAUCAGGC
GAUCGCCA G CGUAGGAG	3516	accentrage ucceed uggcaruc
UCGCCAGC G UAGGAGCA	3517	UGCUCCUA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GCUGGCGA 22638
GCGUAGGA G CAGUUACC	3518	uccese uccuacec
UAGGAGCA G UUACCCUC	3519	UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGCUCCUA
G UGAU	3520	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUUCCCUU
UGAUGACG G UAAAUGCU	3521	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CGUCAUCA
CGGUAAAU G CUACUGAC	3522	GCCGUUAGGC UCCGGG AUUUACCG
CUACUGAC G UCACAGAU	3523	GCCGUDAGGC UCCCUUCAAGGA GCCGUDAGGC UCCGGG GUCAGUAG
UCACAGAU G UCAUCACG	3524	UCCGGG AUCUGUGA
1	3525	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGUUGGAA
CAACAGCU G CUGGAAAG	3526	GCCGUUAGGC UCCGGG AGCUGUUG
	3527	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUAGGUUC
G UCAG	3528	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAUGCAUA
UUGUCAGA G CAAUGGAU	3529	UCCCUUCAAGGA GCCGUUAGGC
g uggg	3530	UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUCCAUUG
GGAUACAU G UGCGAUGA	3531	UCAUCGCA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUGUAUCC 22652
AUACAUGU G CGAUGAUA	3532	UCCGGG ACAUGUAU
G CCCA	3533	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUUCAUAA
AAUGCCCA G UGCUGUCG	3534	CGACAGCA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGGGCAUU 22655
UGCCCAGU G CUGUCGGC	3535	
CCAGUGCU G UCGGCUGG	3536	AGCACUGG
UGCUGUCG G CUGGUAAU	3537	AUUACCAG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CGACAGCA 22658

G UUGGUGCA 3539 G UGCACAAA 3540 G CACAAAGU 3541 G UCAGCAGU 3542	UGCACCAA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGUCGAUG	22660
7 7		
3 3	UNGUGCA GGA GCCGUNAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	22661
3	ACUUDGUG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	22662
	ACUGCUGA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	22663
G CAGUCUAC 3543	GUAGACUG GGA GCCGUDAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	22664
G UCUACGUC 3544	GACGUAGA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	22665
-	AVACCUGA GGA GCCGUVAGGC UCCCUVCAAGGA GCCGUVAGGC UCCGGG	22666
GGAAG 3546	CUUCCAUA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	22667
CAAGA 3547	UCUUGGUG GGA GCCGUUAGGC	22668
CCACUCAA 3548	UNGAGUGG GGA GCCGUUAGGC UCCCUUCAAGGA	22669
UCGGA 3549	UCCGACUG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	22670
3AGGU 3550	ACCUCCGA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGCGUCUU	22671
G UCACUGAC 3551	GUCAGUGA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	22672
AGACA 3552	UGUCUGCA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	22673
ACACA 3553	UGUGUCUG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	22674
UCUAG 3554	CUAGAGUG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	22675
CGAACAAG 3555	CUUGUUCG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	22676
AGAAGGG G CUUGGAUG 3556	CAUCCAAG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	22677
CAAGG 3557	CCUUGGUG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	22678
CAAGG 3558	centigues sea secentiages uccenteragea secontrages ucesses	22679
oudeu 3559	ACCAAAUA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	22680
3	UGUUUUUA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	22681
UGGUG 3561	CACCAGGG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	22682
CAGCC 3562	GECUGCCA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	22683
G CAGCCGUC 3563	GACGGCUG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	22684
CCGUCAUU 3564	AAUGACGG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	22685
സദേധ 3565	ACCAAUGA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	22686
G UUGGAUGC 3566	GCAUCCAA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	22687
GGUUGGAU G CUUGGGAG 3567	CUCCCAAG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUCCAACC	22688
CAACACCA 3568	UGGUGUUG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	22689
AGAGU 3569	ACUCUCUG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	22690
<b>UUGUGUUU</b> 3570	AAACACAA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	22691
G UGUUUGUC 3571	GACAAACA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	22692
G UUUGUCGU 3572	ACGACAAA GGA GCCGUUAGGC UCCCUUCAAGGA	22693
UNGUGUUU G UCGUGCUA 3573	UNGCACGA GGA GCCGUUNGGC UCCCUUCANGGA GCCGUUNGGC UCCGGG	22694
UAUUG 3574	CARUAGCA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	22695
CUAUUGCU 3575	AGCAAUAG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	22696
JUGGU 3576	ACCAAAAG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	22697
CCCCA 3577	VGGGGCCA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAAAAGCA	22698

AGCOUACA G COUCAACA CUCAACU G CCUUGGAA UGGAAUGA G CAACAGAG UGGAAGGA G UGUCUGGA	UCAACU	3580	Carlotte Constitution and a south and a second	
CUUCAACU G CC UGGAAUGA G CA UGGAAGGA G UG			AGUGGAAG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGUAAGCU	_
UGGAAUGA G CA UGGAAGGA G UG	UUGGAA	3581	UUCCAAGG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGUUGAAG	G 22702
UGGAAGGA G UG	ACAGAG	3582	CUCUGUUG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCAUUCCA	.A 22703
בון בו וומעטמינים		3583	UCCAGACA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCCUUCCA	
つっ つ つりじりりいひり	UGGAGC	3584	GCUCCAGA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACUCCUUC	
UGUCUGGA G CAA	ACAUGG	3585	accennagec uccege	
	GAUUUG	3586	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	
UGGAUTUUG G UUC	CUCGAA	3587	accentrage uccenterager accentrages uccede	
UCUCGAAG G CGACAGCU	ACAGCU	3588	accounaged ucccuncaagea gccguuagec	
AGGCGACA G CUI	GCGUGA	3589	UCACGCAG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGUCGCCU	
CGACAGCU G CG	UGACUA	3590		
ACAGCUGC G UGA	ACUAUC	3591	GAUAGUCA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GCAGCUGU	
	UAAGGA	3592	GCCGUUAGGC UCCGGG	
AAGGACAA G CCU	UACCAU	3593	AUGGUAGG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUGUCCUU	_
CCAUCGAU G UG	G UGAAGAUG	3594	CAUCTUCA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUCGAUGG	
AUAUGGAG G CGGUCAAC	GUCAAC	3595	UCCCUUCAAGGA	NU 22716
UGGAGGCG G UCA	AACCUG	3596	CAGGUUGA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CGCCUCCA	
UCAACCUG G CAGAGGUC	GAGGUC	3597	GACCUCUG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAGGUUGA	4A 22718
UGGCAGAG G UCC	CGCAGU	3598	വഠാദേദ	
AGAGGUCC G CAC	GUUAUU	3599	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	
GOUCCECA G UUP	AUUGCU	3600	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	
CAGUUAUU G CUI	AUUUGG	3601	CCAAAUAG GQA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAUAACUG	
acuautua a cui	Acceuc	3602	೧୯୯୯	
UGGCUACC G UCAGCGAU	AGCGAU	3603	, ,	
UACCGUCA G CG	G CGAUCUCU	3604	AGAGANCG GGA GCCGUTAGGC UCCCUTCAAGGA GCCGUTAGGC UCCGGG UGACGGUA	_
g G	acanac	3605		3G 22726
CCAPAGCU G CGI	necce	3606	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	
AAAGCUGC G UG	CCCGAC	3607	GUCGGGCA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GCAGCUUU	
AGCUGCGU G CC	CGACCA	3608	UGGUCGGG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACGCAGCU	
UGGGAGAA G CU	CACAAU	3609		
UGACAAAC G UGG	CUGACC	3610	GEUCAGCA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GUUUGUCA	.A 22731
ACAAACGU G CU	GACCCA	3611	UGGGUCAG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACGUUUGU	3U 22732
CUGACCCA G CUI	UUUGUG	3612	CACAAAAG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGGGUCAG	NG 22733
CAGCUUUU G UG	UGCAGA	3613	UCUGCACA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAAAGCUG	
activities a usi	CAGACA	3614	UCCGGG	
unuuguen G CAC	GACAAG	3615	ධ ගයයයෙ	
GACAAGGA G UG	G UGGUGGAC	3616	UCCCUUCAAGGA GCCGUUAGGC UCCGGG	
AAGGAGUG G UG	G UGGACAGG	3617	CCUGUCCA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CACUCCUU	JU 22738

G CAAC	3619	AGCCGUUG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCCAGCCC 22740
за в спесевал	27.30	
	3620	cannaccc
CAACGGCU G CGGAUUAU	3621	AUAAUCCG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGCCGUUG 22742
AUUAUUUG G CAAAGGAA	3622	
CAAAGGAA G CAUUGACA	3623	UGUCAAUG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUCCUUUG 22744
UGACACAU G CGCCAAAU	3624	AUTUGGCG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUGUGUCA 22745
ACACAUGC G CCAAAUUU	3625	AAAUUUGG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GCAUGUGU 22746
CCAAAUUU G CCUGCUCU	3626	AGAGCAGG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAAUUUGG 22747
AUUUGCCU G CUCUACCA	3627	UGGUAGAG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGGCAAAU 22748
CUACCAAG G CAAUAGGA	3628	
AAUAUCAA G UACGAAGU	3629	uccege unganaun
AGUACGAA G UGGCCAUU	3630	AAUGGCCA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUCGUACU 22751
ACGAAGUG G CCAUUUUU	3631	AAAAAUGG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CACUUCGU 22752
CCAUUUUU G UCCAUGGA	3632	
CAACUACU G UGGAGUCG	3633	
ACUGUGGA G UCGCACGG	3634	uccege uccacagu
GUGGAGUC G CACGGAAA	3635	
CCACACAG G UUGGAGCC	3636	accennage occess consusas
AGGUUGGA G CCACUCAG	3637	
CCACUCAG G CAGGGAGA	3638	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUGAGUGG
GAGAUUCA G CAUCACUC	3639	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGAAUCUC
၁၅၁၁ ၅	3640	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGGAGUGA
ටටවට ව	3641	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CGCAGGAG
ccueceec e ccuucaua	3642	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GCCGCAGG
ACACUAAA G CUUGGAGA	3643	accentrage uccege utraguet
AUGGAGAG G UGACAGUG	3644	GCCGUUAGGC UCCGGG CUCUCCAU
G UGGA	3645	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGUCACCU
AGUGGACU G UGAACCAC	3646	UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGUCCACU
	3647	eccennagec uccege cengeunc
ACACCAAU G CAUACUAC	3648	accentrage uccege antigetien
CAUACUAC G UGAUGACU	3649	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GUAGUAUG
UGAUGACU G UUGGAACA	3650	UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGUCAUCA
ACAAAGAC G UUCUUGGU	3651	eccentrage uccase encutueu
G UCCA	3652	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAAGAACG
GGUCCAUC G UGAGUGGU	3653	UCCCUUCAAGGA GCCGUJAGGC UCCGGG GAUGGACC
CAUCGUGA G UGGUUCAU	3654	GCCGUUAGGC UCCGGG UCACGAUG
CGUGAGUG G UUCAUGGA	3655	
cccuugga g cagugcug	3656	GCCGUUAGGC UCCGGG UCCAAGGG
UUGGAGCA G UGCUGGAA	3657	UUCCAGCA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGCUCCAA 22778

Table V

GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCCUUCAAGGA	UUCCUCCACA GGA GCCGUUAGGC UCCCUUCAAGG
C UCCCUCAAGGA O UCCCUCAAGGA	GGA GCCGUUAGGC GGA GCCGUUAGGC
c ucccuncaagga c ucccuncaagga	CUUCGUGG GGA GCCGUUAGGC U ACAGACUG GGA GCCGUUAGGC U
C UCCCUUCAAGGA	AUCACAGA GGA GCCGUUAGGC
	GGA GCCGUUAGGC
c ucccuucaagga	GGA GCCGUUAGGC
ol:	<b>8</b>
שוכ	ACCOUGANG GGA GCCGUUAGGC
ນໄປ	5 85 85
וכאו	AGGAAUGG GGA GCCGUUAGGC
וטו	GGA
ווכאו	GGA
IUI	GGA
	GGA
C)II	GGA
	DCAAAUGA GGA GCCGUUAGGC
	GGA
	CAUCUUCA GGA GCCGUUAGGC
	UNCAACUG GGA GCCGUUAGGC
	GGA
OII	GGA
UII	
UI	GGA
U	CUUGAAAG GGA GCCGUUAGGC
เม	CCAAGAAA GGA GCCGUUAGGC
וטו	UGUGUCUG GGA GCCGUUAGGC
וטו	UGCCGUGA GGA GCCGUUAGGC
Ю	CCACAGUG GGA GCCGUUAGGC
3 ( ) (	CAACACCA GGA GCCGUUAGGC
	UUCCAACA GGA GCCGUUAGGC
	AAUUCCAA GGA GCCGUUAGGC
	GUGUACUG GGA GCCGUUAGGC UCCCUUCAAGGA

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22819	22821	22822	22823	22824	22825	22826	22827	22828	22829	22830	22831	22832	22833	22834	22835	22836	22837	22838	22839	22840	22841	22842	22843	22844	22845	22846	22847	22848	22849	22850	22851	22852	22853	22854	22855	22856	22857	22858
CCAGUGUA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGCAAUUC	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	GCCACUGA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GAGAUAGG	UGAAGCCA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGACGAGA	CAAUGAAG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CACUGACG	CCCACUGG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GUUAGGUC	UCUGCCCA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGGCGUUA	CCAAUCUG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCACUGGC		GCCGUUAGGC UCCGGG	CACUGAAA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAAAGGGU	COUGGCCA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGAAACAA	GACCOUGE GEA GCCGUIAGGC UCCCUUCAAGGA GCCGUIAGGC UCCGGG CACUGAAA	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	GCCGUUAGGC UCCGGG	AAUCAGGA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUIAGCGU	GCCCACCA GGA GCCGUDAGGC UCCCUUCAAGGA GCCGUDAGGC UCCGGG UAUGUAUG	UCCCUUCAAGGA GCCGUUAGGC UCCGGG	CUCCUCUG GGA GCCGUIAGGC UCCCUUCAAGGA GCCGUIAGGC UCCGGG CCACCACU	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	UGCCAAUG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGCUUCCA	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG		GCCGUUAGGC UCCGGG	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	1 1	UCCCUUCAAGGA GCCGUUAGGC UCCGGG	CCCUCCAA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGAUCCAA	GGUGAACA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCCUCCAA	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG		AUGGACAG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUUCCCAA	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	CCUCCGAA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACTUGAUG
3698	3700	3701	3702	3703	3704	3705	3706	3707	3708	3709	3710	3711	3712	3713	3714	3715	3716	3717	3718	3719	3720	3721	3722	3723	3724	3725	3726	3727	3728	3729	3730	3731	3732	3733	3734	3735	3736	3737
GAAUUGCA G UACACUGG	UGGACCUU G CAAAGUUC	CUUGCAAA G UUCCUAUC	CCUAUCUC G UCAGUGGC	UCUCGUCA G UGGCUUCA	CGUCAGUG G CUUCAUUG	GACCUAAC G CCAGUGGG	UAACGCCA G UGGGCAGA	GCCAGUGG G CAGAUUGG	GCAGAUUG G UCACUGUC	UGGUCACU G UCAACCCU	ACCCUUUU G UUUCAGUG	UNGUUUCA G UGGCCACG		ueeccace e ccaacecu	CGGCCAAC G CUAAGGUC	ACGCUAAG G UCCUGAUU	CAUACAUA G UGGUGGGC	ACAUAGUG G UGGGCAGA	S CPC	CACCAUUG G CACAAGUC	UGGCACAA G UCUGGAAG	GUCUGGAA G CAGCAUUG	UGGAAGCA G CAUUGGCA	G CA		UCAAAGGA G CGCAGAGA	AAAGGAGC G CAGAGACU	AGAGACUA G CCGCUCUA	GACUAGCC G CUCUAGGA	GAGACACA G CUUGGGAC	UUGGAUCA G UUGGAGGG	UUGGAGGG G UGUUCACC	GGAGGGU G UUCACCUC	UCACCUCA G UUGGGAAG	UUGGGAAG G CUGUCCAU	g ac	g UGC	CAUCAAGU G UUCGGAGG
1950	1973	1978	1989	1993	1996	2016	2020	2024	2032	2038	2050	2056	2059	2065	2071	2077	2119	2122	2126	2157	2163	2171	2174	2180	2185	2209	2211	2221	2224	2239	2257	2266	2268	2278	2287	2290	2299	2301

22859	$\dagger$	CG 22861	AC 22862	CC 22863	CA 22864	UG 22865			Н		IGC 22870	Н	CG 22872	CC 22873	Н			'AA 22877					GU 22882		UG 22884					GC 22889	'AU 22890							GG 22897
なひししにしてい かしむしいに	UCCGGG	UCCGGG AGUGAGCG	UCCGGG CUCCGAAC	uccege Augcence	uccege gunaucca	uccege aauccuug	UCCGGG CCCCAGCA	UCCGGG AGGAGAGC	UCCGGG	uccege ccauccac	UCCGGG AUUGAUGC		UCCGGG CUAUCACG	uccege uauggacc	uccege eugagage	UCCGGG GAGAACG	ರಾದಿಯ	UCCGGG UCCUCCAA	ນດດຜູຜ	UCCGGG	UCCGGG	UCCGGG	uccege eugcaceu	UCCGGG	uccege acceague	UCCGGG	ນຕຕອດອ	ຄວວວດ	UCCGGG	UCCGGG AUCUCAGC	uccege uuccacau	uccege uccacuuc	ರಾಧವಾಗ	UCCGGG	UCCGGG	uccege ceguccau	UCCGGG	uccege guuucage
יבייטבותומטים עב	1	GA GCCGUUAGGC	GA GCCGUUAGGC	1	GA GCCGUUAGGC	GA GCCGUUAGGC	GA GCCGUUAGGC		GA GCCGUUAGGC	GA GCCGUUAGGC	GA GCCGUUAGGC	GA GCCGUUAGGC	GA GCCGUUAGGC		GA GCCGUUAGGC	GA GCCGUUAGGC			GA GCCGUUAGGC	GA GCCGUUAGGC	GA GCCGUUAGGC		GA GCCGUUAGGC	1	GA GCCGUUAGGC	GA GCCGUUAGGC	GA GCCGUUAGGC	GA GCCGUUAGGC	GA GCCGUUAGGC			GA GCCGUUAGGC	- 1	GA GCCGUUAGGC				
なりがなない!!!!		3C UCCCUUCAAGGA	3C UCCCUUCAAGGA	3C UCCCUUCAAGGA	3C UCCCUUCAAGGA	3C UCCCUUCAAGGA	3C UCCCUUCAAGGA	3C UCCCUUCAAGGA	3C UCCCUUCAAGGA	3C UCCCUUCAAGGA	3C UCCCUUCAAGGA	3C UCCCUUCAAGGA	3C UCCCUUCAAGGA	3C UCCCUUCAAGGA	3C UCCCUUCAAGGA	3C UCCCUUCAAGGA	3C UCCCUUCAAGGA		3C UCCCUUCAAGGA	3C UCCCUUCAAGGA	SC UCCCUUCAAGGA	3C UCCCUUCAAGGA			3C UCCCUUCAAGGA	3C UCCCUUCAAGGA	3C UCCCUUCAAGGA	SC UCCCUUCAAGGA		1 1	3C UCCCUUCAAGGA	3C UCCCUUCAAGGA		3C UCCCUUCAAGGA				
Journal Action	1	GGA GCCGUUAGGC	GGA GCCGUUAGGC	GGA GCCGUUAGGC	GGA GCCGUUAGGC	GGA GCCGUUAGGC	GGA GCCGUUAGGC	GGA GCCGUUAGGC	GGA GCCGUUAGGC	GGA GCCGUUAGGC	GGA GCCGUUAGGC	GGA GCCGUUAGGC	GGA GCCGUUAGGC	GGA GCCGUUAGGC	GGA GCCGUUAGGC	GGA GCCGUUAGGC	GGA GCCGUUAGGC	GGA GCCGUUAGGC	GGA GCCGUUAGGC	GGA GCCGUUAGGC	GGA GCCGUUAGGC	GGA GCCGUUAGGC	GGA GCCGUUAGGC	1 7	GGA GCCGUUAGGC	GGA GCCGUUAGGC	GGA GCCGUUAGGC	GGA GCCGUUAGGC	GGA GCCGUUAGGC		GGA GCCGUUAGGC	GGA GCCGUUAGGC	GGA GCCGUUAGGC	GGA GCCGUUAGGC				
2118 (2222)	ACAGUGAG	CCUCCGAA	AGGACAUG	AUCCAGGA	AAUCCUUG	GCCCCAG	CAGGAGAG	AUCCACAA	CCCAUCCA	CAUUGAUG	AUCACGAG	ACCUAUCA	GCUAUGGA	CGUGAGAG	GCGAGAAA	UCCAACUG	UCCUCCAA	GAGCAGAA	AGGAAGAG	CACGUUCA	AGCGUGCA	_	AGUGUCAG	AUGGCACA	CUAUGGCA	GUCUAUGG	COUGCCGG	AGCUCUUG	CAUCUCAG	CACUUCCA	ACACUCCA	UAUGAACA	UGUAUGAA		CAUCCAAG	UACTUGUA	GGGUAAUA	ccnnenee
3730	+	3740	3741	3742	3743	3744	3745	3746	3747	3748	3749	3750	3751	3752	3753	3754	3755	3756	3757	3758	3759	3760	3761	3762	3763	3764	3765	3766	3767	3768	3769	3770	3771		3773	3774	3775	3776
COCCUTATION OF SECURITION		Big	SGAG G CAUGUCCU	SCAU & UCCUGGAU	MAC G CAAGGAUU	CAAGGAUU G CUGGGGGC	ugavagag a cuancana	ecucuccu e unauggau	JEUU G UGGAUGGG	NUGG G CAUCAAUG	MAD G CUCGUGAU	SCUC G UGAUAGGU	CGUGAUAG G UCCAUAGC	GGUCCAUA G CUCUCACG	ICAC G UUUCUCGC	JCUC G CAGUUGGA	SCA G UUGGAGGA	AGGA G UNCUGCUC	GGAGUUCU G CUCUUCCU	uccucucc e ugaaceug	MARC G UGCACGCU	G CAC	ACGUGCAC G CUGACACU	GACACUGG G UGUGCCAU	CACUGGGU G UGCCAUAG	HUGU G CCAUAGAC	O	CAP CAP	CGGCAAGA G CUGAGAUG	GCUGAGAU G UGGAAGUG	AUGUGGAA G UGGAGUGU	O	RAGU G UUCAUACA	g UGG	GAG G CUUGGAUG	AUGGACCG G UACAAGUA	CGGUACAA G UAUUACCC	CCUGAAAC G CCACAAGG
22271		L	2333 GUUCGGAG	Ł	L	2358 CAAGG	2365 UGCUG	2373 GCUCU	2376 cuccueuu	2384 GUGGAUGG	2392 GCAUCAAU	2396 CAAUGCUC	2403 CGUGA	2410 GGUCC	2418 GCUCUCAC	2425 CGUUUCUC	_	2437 UUGGAGGA		2455 UCCUC	2461 CCGUGAAC	_	2467 ACGUG	2478 GACAC	2480 CACUG	2482 CUGGGUGU	2495 AGACAUCA	_	2505 CGGCA	2513 GCUGA	2519 AUGUG	L	2526 AGUGGAGU	L	2548 AUGUGGAG	2562 AUGGA		2583 CCUGA

22899	22900	22901	22902	22903	22904	22905	22906	22907	22908	22909	22910	22911	22912	22913	22914	22915	22916	22917	22918	22919	22920	22921	22922	22923	22924	22925	22926	22927	22928	22929	22930	22931	22932	22933	22934	22935	22936	22937	22938
GCCGUUAGGC UCCGGG UAGGCCUU	GCCGUUAGGC UCCGGG UUUCUGAA	GCCGUUAGGC UCCGGG UCCUUCCU	GCCGUUAGGC UCCGGG ACUCCUUC	GCCGUUAGGC UCCGGG ACACUCCU		GCCGUUAGGC UCCGGO UGAUCGUA	eccennagec uccege uccagucu	GCCGUUAGGC UCCGGG AUUUGAUG	eccennagec uccege uucccaca	accennagge uccege uecuucce	ncceee	UCCGGG	accennages ucceed accannen	eccennages ucceed unagence	ರಾಲಾಗ	UCCGGG	ರಾದದಾಡಿ		GCCGUUAGGC UCCGGG UUGUACAU	GCCGUUAGGC UCCGGG UGACUUGU	೧୯୯୯	UCCGGG		UCCGGG	eccentrage uccess ucuruccc	UCCGGG		UCCGGG	೧୯୯୯	UCCGGG		eccentracec uccees satucusa	UCCGGG			ന്ദേദ്ദദ			GCCGUUAGGC UCCGGG CUUCAGGA
GAUCTUGG GGA GCCGUUAGGC UCCCUUCAAGGA GC	CUUAUGAG GGA GCCGUUAGGC UCCCUUCAAGGA GCC	ACCECACA GGA GCCGUUAGGC UCCCUUCAAGGA GCC	AGACCGCA GGA GCCGUUAGGC UCCCUUCAAGGA GC	GUAGACCG GGA GCCGUUAGGC UCCCUUCAAGGA GC	AUCGUAGA GGA GCCGUUAGGC UCCCUUCAAGGA GC	UCUGGAAA GGA GCCGUUAGGC UCCCUUCAAGGA GCC	1 1	GCUUCCCA GGA GCCGUUAGGC UCCCUUCAAGGA GC	CUUCACUG GGA GCCGUUAGGC UCCCUUCAAGGA GC	euccuuca gaa gecguuagge ucccuucaagga ge	guenucae gea eccennage ucccuucaagea ec	1	AAGGUCCA GGA GCCGUUAGGC UCCCUUCAAGGA GC	CCACGACA GGA GCCGUUAGGC UCCCUUCAAGGA GC	AACCACGA GGA GCCGUUAGGC UCCCUUCAAGGA GC	CUCAACCA GGA GCCGUUAGGC UCCCUUCAAGGA GC	UCCCUUCAAGGA	GACTUGUA GGA GCCGUUAGGC UCCCUUCAAGGA GC	GEUGCUGA GGA GCCGUUAGGC UCCCUUCAAGGA GC	UUUAGGUG GGA GCCGUUAGGC UCCCUUCAAGGA GC	CGGUGAGG GGA GCCGUUAGGC UCCCUUCAAGGA GC	CGUGGUGG GGA GCCGUUAGGC UCCCUUCAAGGA GC	1	GGA GCCGUUAGGC UCCCUUCAAGGA	AUAAAAUA GGA GCCGUUAGGC UCCCUUCAAGGA GC	UCCCUUCAAGGA	guiguuge ega ecceuvagec ucccuucaagga ec		ACCAUCAA GGA GCCGUUAGGC UCCCUUCAAGGA GC	UCUCCGGA GGA GCCGUUAGGC UCCCUUCAAGGA GC	. 1	UCCCUUCAAGGA	AUUCCAAG GGA GCCGUUAGGC UCCCUUCAAGGA GC	GGA GCCGUUAGGC UCCCUUCAAGGA	AUCCUCCA GGA GCCGUUAGGC UCCCUUCAAGGA GC		UCCGAGUG GGA GCCGUUAGGC UCCCUUCAAGGA GC	UNCAGGAA GGA GCCGUUAGGC UCCCUUCAAGGA GC	cucucusa saa secsuuasse ueecuucaassa se
3778	3779	3780	3781	3782	3783	3784	3785	3786	3787	3788	3789	3790	3791	3792	3793	3794	3795	3796	3797	3798	3799	3800	3801	3802	3803	3804	3805	3806	3807	3808	3809	3810	3811	3812	3813	3814	3815	3816	3817
AAGGCCUA G CCAAGAUC	G CUC	AGGAAGGA G UGUGCGGU	GAAGGAGU G UGCGGUCU	AGGAGUGU G CGGUCUAC	AGUGUGCG G UCUACGAU	UACGAUCA G UUUCCAGA	AGACUGGA G CAUCAAAU	CAUCAAAU G UGGGAAGC	UGUGGGAA G CAGUGAAG	GGGAAGCA G UGAAGGAC	AAGGACGA G CUGAACAC	GGAGAAUG G UGUGGACC	AGAAUGGU G UGGACCUU	GGACCUUA G UGUCGUGG	ACCUUAGU G UCGUGGUU	UNAGUGUC G UGGUUGAG	GUGUCGUG G UUGAGAAA	GAGGGAAU G UACAAGUC	AUGUACAA G UCAGCACC	ACAAGUCA G CACCUAAA	ACCUAAAC G CCUCACCG	GCCUCACC G CCACCACG	GGAAAUUG G CUGGAAGG	GCUGGAAG G CCUGGGGA	GGGAAAGA G UAUUUUAU	UUUUAUUU G CACCAGAA	CAGAACUC G CCAACAAC	ACACCUUU G UGGUUGAU	CCUUUGUG G UUGAUGGU	GGUUGAUG G UCCGGAGA		UCAGAAUC G CGCUUGGA	AGAAUCGC G CUUGGAAU	UUGGAAUA G CUUAGAAG	GCUUAGAA G UGGAGGAU	UGGAUTUG G UCUCACCA	UCUCACCA G CACUCGGA	ACUCGGAU G UUCCUGAA	UCCUGAAG G UCAGAGAG
2596	2614	2629	2631	2633	2636	2647	2661	2670	2677	2680	2691	2717	2719	2729	2731	2734	2737	2757	2763	2767	2777	2785	2810	2818	2831	2842	2854	2869	2872	2879	2897	2912	2914	2924	2932	2951	2960	2970	2980

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22939	22940	22941	22942	22943	22944	22945	22946	22947	22948	22949	22950	22951	22952	22953	22954	22955	22956	22957	22958	22959	22960	22961	22962	22963	22964	22965	22966	22967	22968	22969	22970	22971	22972	22973	22974	22975	22976	22977	22978
GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCUCUCUG		GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CGUUCCAA	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGCCGUUC	GGA GCCGUVAGGC UCCCUUCAAGGA GCCGUVAGGC UCCGGG CAAGUUGU	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGUGGAUC	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGGUCACU	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUUCAAUC	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUGCUUUC	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GUAUCAUU	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUCCACGU	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCUUUCAA	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGCCCUUU	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCAGAACU	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUCACCCA	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUGAUTUG	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GUACAUGA	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CACGUACA	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GUCUCAGG	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAGGUAUG	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCCACAAG	UCCCUUCAAGGA GCCGUUAGGC UCCGGG	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGGUAUUA	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAGUGUGA	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUCGUGGU	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCAGGUCU	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	UCCCUUCAAGGA GCCGUUAGGC UCCGGG	GCCGUDAGGC UCCCUUCAAGGA GCCGUDAGGC UCCGGG	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGUAAUCG	UCCCUUCAAGGA GCCGUUAGGC UCCGGG	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC UCCGGG	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GGUGUCCG	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGGUCCAC	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GAGUGGCA	eccennage ucceed ucucueue	accennaged ucconneaaga gecennaged uccese unucceen	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAAUCUGU
unananna	UCGAGUCA	CUUGACAG	GUUCUUGA		ACAGGUCA	CAAUAGGA	UGAGCCUG	UCAUUGAG	AGCUUCCA	CUUUCAAG	CAGAACUG	F i	UGACUUCA	UGAUUUGA	í . I	UCAGGCCA	GUCUCAGG	AAGGUAUG	UCGCCCCA	UUCCAUCG	UCAAGUCA	1	UGGUCCCG	UGUGAUUG	GUCUUGUA	CCCAUGGG	1		ຄອຍດວວດດ	CAGGGUGA				CAGGUCCA	GCGAGUGG	ຄດອຄອດອດ	ACUUUCCG		CUGCAGCA
3818	3819	3820	3821	3822	3823	3824	3825	3826	3827	3828	3829	3830	3831	3832	3833	3834	3835	3836	3837	3838	3839	3840	3841	3842	3843	3844	3845	3846	3847	3848	3849	3850	3851	3852	3853	3854	3855	3856	3857
CAGAGAGA G CAACACAA	AACUGAAU G UGACUCGA	UUGGAACG G CUGUCAAG	GAACGCU G UCAAGAAC	ACAACUUG G CGAUCCAC	GAUCCACA G UGACCUGU	AGUGACCU G UCCUAUUG	GAUUGAAA G CAGGCUCA	GAAAGCAG G CUCAAUGA	AAUGAUAC G UGGAAGCU	g cur	UUGAAAGG G CAGUUCUG	AAAGGGCA G UUCUGGGU	AGUUCUGG G UGAAGUCA		. 1	UCAUGUAC G UGGCCUGA	UGUACGUG G CCUGAGAC	CCUGAGAC G CAUACCUU	салассии в ивевесва	G CGA	G UGA	g uch	UCACACUG G CGGGACCA	ACCACGAA G CAAUCACA	AGACCUGG G UACAAGAC	၁၁၁ ၅		AAGGCCGG G UAGAGAUU	CGAUUACU G CCCAGGAA	v	G UGA	ව ව	UGAGAGCU G CGGACACC	CGGACACC G UGGACCUG	GUGGACCU G CCACUCGC	ט	ซ	UUG	ACAGAUUG G UGCUGCAG
2990	3005	3028	3031	3046	3056	3063	3080	3084	3096	3102	3112	3115	3122	3127	3137	3141	3144	3153	3162	3167	3185	3202	3211	3224	3246	3266	3281	3286	3308	3322	3332	3338	3341	3350	3358	3365	3380	3387	3402

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	3862	accavinagac uccaga	22983
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AACUGACA G CGGCUGUU	3864		22985
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CAGCGGCU G UUGGUAUG	3866	CAUACCAA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGCCGCUG	22987
GGCUGUUG G VAUGGUAU	3867	UCCCUUCAAGGA GCCGUUAGGC UCCGGG	22988
	3868	UCCCUUCAAGGA GCCGUUAGGC UCCGGG	22989
AGACCCUC G UGCAGUCA	3869	UGACUGCA GGA GCCGUDAGGC UCCCUUCAAGGA GCCGUDAGGC UCCGGG GAGGGUCU	22990
ACCCUCGU G CAGUCACA	3870	UGUGACUG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACGAGGGU	22991
CUCGUGCA G UCACAAGU	3871	ACTUGUGA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGCACGAG	22992
AGUCACAA G UGAAUGCU	3872	AGCAUUCA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUGUGACU	22993
AAGUGAAU G CUUAUAAU	3873	AUUAUAAG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUUCACUU	22994
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CGCAAGAG G UGGACAGC	3883	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	23004
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	3886	UCCCUUCAAGGA GCCGUUAGGC UCCGGG	23007
	3887	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	23008
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ACACUGAU G UGUUACGC	3894	GOGUAACA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUCAGUGU	23015
ACUGAUGU G UUACGCUA	3895	UAGCEUAA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACAUCAGU	23016
UGUGUUAC G CUAUGUCA	3896	UGACAUAG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GUAACACA	23017
UACGCUAU G UCAUCUUG	3897	CAAGAUGA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUAGCGUA	23018

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AUTOCIOTO O UDOLAGON 3940 ACCIUDON GOA GEOGRAPIAGE UCCUTUDAAGAA GEOGRAPAGE UCCOGO CAUDACA AUTOCOS ACAGUNU UDULOGA GEOGRAPAGE UCCUTUDAAGAA GEOGRAPAGE UCCUTUDAAGA GEOGRAPAGE UCCUTUDAAGAA GEOGRAPAGE UCCUTUDAAGA GEOGRAPAGE UCCUTUDAAG	. J.	AGGAITACTI G CUGUIGAU	3939	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	23060
UBUTIGATIO G UTGGIAJAIN         3941         UNIVENCIAS GRA GEOGRIPAGE UCCUTOAAGA GEOGRIPAGE         UCCUTOAAGA GEOGRIPAGE           CGRAANING G CAGCURA         3442         UTAAGCOG GA GAGCURA         GEOGRIPAGE         UCCUTOAAGA GEOGRIPAGE         <	1 60	AUACUGCU G UUGAUGGU	3940	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGCAGUAU	23061
ANAMAGOR O CAGGUIGGA 3945 UCAAGCUO GGA GCCGUIMAGG UCCUTCAAGGA GCCGUIMAGG UCCUGUU CAAAAAGA GCCGUIMAGG UCCUCTAAGA GCCGUIMAGG UCCUCTAAGA GCCGUIMAGG UCCUCTUCU CAAAAAGA GCCGUIMAGG UCCUCTAAGA GCCGUIMAGG UCCUCTUCU CAAAAAAAA GCCGAAAAA GCCGUIMAGG UCCUCTAAAAAA GCCGGUIMAGG UCCUCTUCU CAAAAAAAA GA CUCCAAAAA GA GCCGUIMAGG UCCUCTAAAAAAA GCCGGUIMAGG UCCUCTUCU CAAAAAAAAA CAAAAAAAA GA GCCGUIMAGG UCCUCTAAAAAAA GA GCCGUIMAGG UCCUCTAAAAAA GA GCCGUIMAGG UCCUCTAAAAAA GA GCCGUIMAGG UCCUCTAAAAAAAAA GA GCCGUIMAGG UCCUCTAAAAAAAAAA GA GCCGUIMAGG UCCUCTAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA	99	UGUUGAUG G UCGGAAUA	3941	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	23062
AGARGING G CUUGANCA 3943 USANUCAAG GGA GCCGUUAGGG UCCCUUCAAGGA GCCGUUAGGG UCCGGG ACUCCUUCAAGGA GCCGGUUAGGG UCCGGG ACUCCUUCAAGGA GCCGUUAGGG UCCGGG ACUCCUUCAAGGA GCCGUUAGGG UCCGGG ACUCCUUCAAGGA GCCGUUAGGC UCCGGG ACUCCAGGA ACUCCAGGA ACUCCAGGA ACUCCUUCAAGGA GCCGUUAGGC UCCGGG ACUCCAGGA ACUCCA	1 9		3942	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	23063
ACCOUNTS OF DECORACTE STATES CARCINGOS GEN GEOGRAPIAGO UCCCUUCAAGA GEOGRAPIAGO UCCCUCTU GAAGAGO G GUAGAGO	6	G CUUGA	3943	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	23064
AGRICAGOR O CARCOROR         1945         UPCIAGORO GRA GECGUIDAGE         UPCCURTOLARGA GECGUIDAGE         UPCCURTO           GRARANDER O CURRANA         3947         URUNDOLA GRA GECGUIDAGE         UPCCURTOLARGA GECGUIDAGE         UPCORDOLARGA GECGUIDAGE         UPCORDOLARG	ļ	G UGCAG	3944	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	23065
GENGUIGON O CUCIONANA 1994 CUUTURCINI GEN GECGEUINAGE UCCCUTOLANGAN GECGUINAGE UCCOGO MECUCICO AGANANG GENTANA GENTANAGE UCCOGO MECUCICO AGANANG GENTANAGE UCCOGO MECUCICO AGANANG GENTANAGE UCCOGO MECUCICO AGANANG GENTANAGE UCCOGO MECUCICO AGANANGE O CUCURCA AGANANGE UCCOGO MECUCICO AGANANGE O CUCURCA AGANANGE UCCOGO MECUCICO AGANANGE UCCOGO MECUCINAGE AGANANGE AGA	22	AGAGGAGU G CAGCUGCA	3945	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACUCCUCU	23066
GUIGGAGUY G CARARAG         3947         CUUTUUTUG GGN GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCCGGG UCCUUCA           AAGAARGAA         3948         CARACACAR GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCCGGG UCCGGG UCCGGG UCCGGG UCCGGG UCCGGG UCGGGC UCCGGG UCCGGG UCGGGC UCCGGG UCGGGC UCCGGG UCGGGC UCCGGG UCGGGC UCCGGG UCGGGC UCCGGG UCGGGC UCGGGG UCGGCGUAGGC UCGGGGUAGGC UCCGCGC UCGGGG UCGGGGG UCGGGGGGGGGG	12	GGAGUGCA G CUGCAAAA	3946	GGA GCCGUVAGGC UCCCVVCAAGGA GCCGVVAGGC VCCGGG VGCACVCC	23067
	8	GUGCAGCU G CAAAAAAG	3947	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	23068
AGENGICIA G UCUGACINU  3950 ARGANIGO GRA GUEGUINAGE GECARAGUA GUA GECGUINAGE GECARAGUA GO GECOULARGE J952 GECURAGE J953 GECURAGUA GO GECOULARGE J954 GECURAGUA GO GECOULARGE J955 GECURAGUA J955 GECURAGUA GECOULARGE J955 GECURAGUA GECOULARGE J955 GECURAGUA GECOULARGE J955 GECURAGUA GECOULARGE J955 GECURAGUA J956 GECURAGUA GECOULARGE J956 GECURAGUA GECOULARGE J956 GECURAGUA J957 GECURAGUA GECOULARGE J956 GECURAGUA GECOULARGE GECOULARGE J957 GECURAGUA GECOULARGE J956 GECURAGUA GECOULARGE GECOU	<u>m</u>	AGAAAGGA G CAAGUCUG	3948	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	23069
UCUCIOLOS O CURRIGACIO  19510  AAGCAURAGO GAS GECGUIDAGGE UCCCUUCAAGGA GECGUIDAGGE UCCGGG ANGCAUA  UCUGICANO O CUUGAGO  19511  GAGCARAGO GAS GECGUIDAGGE UCCCUUCAAGGA GECGUIDAGGE UCCGGG CAAGCAUA  UAGCAUCACA  19513  GGCUIDAGA GAS GECGUIDAGGE UCCCUUCAAGGA GECGUIDAGGE UCCGGG CAAGCAUA  UGACCUCIA  19514  UCACAGA GAS GECGUIDAGGE UCCCUUCAAGGA GECGUIDAGGE UCCGGG AAGCAUA  UGACCUCIA  19515  UCACAGAGA GAS GECGUIDAGGE UCCCUUCAAGGA GECGUIDAGGE UCCGGG AAGCAUA  UGACUCACAC GAS GAS GECGUIDAGGE UCCCUUCAAGGA GECGUIDAGGE UCCGGG AAGCAUA  UCCCAACA GAGGAGA  19515  UCACAGAGA GAS GECGUIDAGGE UCCCUUCAAGGA GECGUIDAGGE UCCGGG AAGCAUA  UCCCAACA GAGGAGA  UCCCAACA GAGGAGA  19516  UCCCUUCAAGGA GAGGAGAACA  19517  UGACAGAACACACA  19517  UGACAGAACACACACACA  19517  UGACAGAACACACACACACA  19517  UCACAACACACACACACACA  19517  UCACAACACACACACACACACACACACACACACACACA	-	g ucugo	3949	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	23070
UCGUDIGUO G CUUGAGCO 3951 GAGCICARG GAA GCCGUUAGGC UCCCUUCAAGAA GCCGUUAGGC UCCGGG AMACCAAA UGGCCUUA G CUUGAACA 3952 GGGCGAAGG GAA GCCGUUAGGC UCCCGG AGCAUAAA UGGCCUUA G CUCUAACA 3953 UGGCCAAGG GAA GCCGUUAGGC UCCCUUCAAGA GCCGUUAGGC UCCGGG AAGGAUCA UGGCCUUA GA GCCGUUAGGC UCCGGG AAGGAUCA UGGCCUUAGG GAAGGAUCA GAA GCCGUUAGGC UCCCUUCAAGA GCCGUUAGGC UCCGGG AAGGAUCA UGACCAACA GAAGGAUCA GAAGGAACA GAAGGAUCA GAAGGAACA GAAGGAUCA GAAGGAACA GAAGGAAAA GAAGAACA GAAGGAAAA GAAGAACA GAAGAACA GAAGAAAA GAAGAACA GAAGAAAAA GAACAAAA GAACAAAA GAACAAAA GAACAAAA GAAGAAAAA GAACAAAAA GAAGAAAAAAAA	1-	GCAAGUCU G CUAUGCUU	3950	GGA GCCGUUAGGC UCCCUUCAAGGA	23071
UNGECUDU G CUCUNACA  UNGECUDUA G CUCUNACA  UNCACAGAG GAS GCCGUUNAGG UCCCUUCNAGAS GCCGUUNAGG UCCGAG UARANCOA  UNCACAGAG GAS GCCGUUNAGG UCCCUUCNAGAS GCCGUUNAGG UCCGAG NAGARUCA  UCCAUGAGU G CUGAACA  UCCAUGAGU G CUGAACA 3953  UCCACGAGA GAS GCCGUUNAGG UCCCUUCNAGAS GCCGUUNAGG UCCGAG NAGARUCA  UCCAUGAGU G CUGAACUA  UCCAUGAGU GAS GCCGUUNAGG UCCCUUCNAGAS GCCGUUNAGG UCCGAG NAGARACA  UCCAUGAAU G CUGAACUA  3956  AUGACAUCA  ARACCUANAC G CAGAUCACA  3956  AUGACAUCA  GAGAUCACA  GACAUCACA  GAGAUCACA  GAGACACA  GAGAUCACA  GAGACACA  GAGAUCACA  GAGAUCACA  GAGACACA  GAGACACA  GAGACACA  GACACACAA  GACACACAAA  GACACACAA	9	UCUGCUAU G CUUGGCUC	3951	GGA GCCGUUAGGC UCCCUUCAAGGA	23072
UGACUCUM G CUCUACA  UGAUCAGA GAA GCCGUUAAGA GCCGUUAAGA CUCCUUCAAGAA GCCGUUAAGA CUCAGAGA AGGAUCA  UGAUCAGU G CUCAACA  UGAUCAGU G CUCAACA  UCCUCCAGA  UCCCUCCAGA  UCCCACCAGA  UCCCCACCAGA  UCCCACCAGA  UC	-	UAUGCUUG G CUCUAGCC	3952	GGA GCCGUUAGGC UCCCUUCAAGGA	23073
UCCUDIGCU G CUGGUGGA  3955 GAGUCCAG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAGAAUCA  UCCUDIGCU G CUGGACUG  3955 AUCACAUG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AACAAUC  GACUGAAUC G UGAACGCG  3956 AUCACAUG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAUCAGUC  GAUGAACC G UAAACGCG  3957 GGCGUUAGGC UCCGGACAG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GUUAGGC  GAUGACAC G UAAACGCG  3958 GCGGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GUUAGGC  CCGGAAAC G CGGAACGC G CAACUGAC  3960 GUUAGCAC G GAACUGAC  3961 GCCGAACAG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GUUAGCG  CAACUGAC  CAACUGAC  CAACUGAC  GAGGACAC  3962 GCCGAACAG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GUUACCG  CAACUGAC  CAACUGAC  GACGAACAG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GACCACAC  CAACUGAC  CAACUGAC  GACGAACAG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GACCACAC  CAACUGAC  CAACUGAC  GACGAACAG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GACCACAC  CAACUGAC  GACGAACAG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GACCACAC  CAACUGAC  GACGAACAG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GACCACAC  GACGAACAG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GACCACAC  GACGAACAG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GACCACAC  GACGAACAG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGUAGGC UCCGGUAGGC UCCGGUAGGC UCCGGA GACCACAC  GACGAACAG GGA GCCGUUAGGC GCA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GACCAGC  GACGAACAG GGA GCCGUUAGGC GA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GACCAGC  GACGAACAG GGA GCCGUUAGGC GA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GACCAGC  GACGAACAG GGA GCCGUUAGGC GA GCCGUUAGGC UCCCGCGUAGGC UCCGGG GACCAGC  GACGAACAG GGA GCCGUUAGGC GA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GACCAGC  GACGAACAG GGA GCCGUUAGGC GA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GACCAGC  GACGAACAG GGA GCCGUUAGGC GA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GACCGGC  GACGAACAG GGA GCCCACAG GA GCCGUUAGGC UCCCUCAACAG GCCGUUAGGC CCCGGGCCCACACACACACACACACACACACACAC	-	UGGCUCUA G CCUCAACA	3953	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	23074
UCCUDACU G CUGGACUG  GANUGUANU G CANUGUANU  GANUGUANU G CANUGUANU  3956 AUGACANO GAA GCCGUUAGGC UCCUUCAAGGA GCCGUUAGGC UCCGGA ANUCAGUC  GANUGACU G UAAACGCA  3957 UGGGAUCA GAA GCCGUUAGGC UCCUUCAAGGA GCCGUUAGGC UCCGGA ANUCAGUA  CCGGAAAC G UAAACGCA  3959 GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGA ANUCAGA  CCGGAAAC G UAAACGCA  3950 GCCANUCA GAA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGA GUUACGA  CCGGAAAC G UAAACGCA  3951 UUCCACAC  GAUGACAC  GAACGAAC  CCGGAAAC  GUUCACAC  GAACGAAC  GAACGAAC  GAACGAAC  GAACGAAC	10	g cugan	3954	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	23075
ACCOUNTAGE CANGUIGAN 3956 AUCACANG GGA GCCGUINGGC UCCCUTCAAGGA GCCGUINGGC UCCGGG ANDCAAUC  GAUTIGCAN G UGANCCCA 3957 UGGGAUTA GGA GCCGUINGGC UCCCUTCAAGGA GCCGUINGGC UCCGGG AUGAGAA  UCCCAAACC G UAAACGCG 3959 GCCAUCCO GGA GCCGUINGGC UCCCUTCAAGGA GCCGUINGGC UCCGGG GGUUNGGG  CCGGAAAC G CGGAAAC 3961 UUCAGUUG GGA GCCGUINGGC UCCCUTCAAGGA GCCGUINGGC UCCGGG GGUUNGGG  CGCGAAAC G CCGCAAAC 3962 GCCGUINGGC UCCCUTCAAGGA GCCGUINGGC UCCGGG GGCCAUC  CAACUGAA G UGAUGACA 3962 UGCCGUINGGC UCCCUTCAAGGA GCCGUINGGC UCCGGG GGCCAUC  CAACUGAA G UGAUGACA 3963 GCCGUINGGC UCCCUTCAAGGA GCCGUINGGC UCCGGG GGCCAUC  CAACUGAA G UGAUCACA 3963 GCCGUINGGC UCCCUTCAAGGA GCCGUINGGC UCCGGG GGCCAUC  CAACUGAA G UGAUCACA 3964 GCCGUINGGC UCCCUTCAAGGA GCCGUINGGC UCCGGG GGCCAUC  CAACUGAA G UGAUCACA 3964 GCCGUINGGC UCCCUTCAAGGA GCCGUINGGC UCCGGG GGCCAUC  CAACUGAC G CCCAAACGC 3963 GCCGUINGGC UCCCUTCAAGGA GCCGUINGGC UCCGGG GGCCAUC  CAACUGAC G CCCAAACGC 3964 GCCGUINGGC UCCCUTCAAGGA GCCGUINGGC UCCGGG GGCCAUC  CAACUGAC G CCCAAACGC 3964 GCCGUINGGC UCCCUTCAAGGA GCCGUINGGC UCCGGG GGCCAUC  ACGCGAAA G GCCGUINGGC UCCCUTCAAGGA GCCGUINGGC UCCGGG GACACAC  ACGCCUINAC G CCGGAAAGG GGA GCCGUINGGC UCCCUTCAAGGA GCCGUINGGC UCCGGG GACACAC  ACGCCUINAC G CCGGAAAGG GGA GCCGUINGGC UCCCUTCAAGGA GCCGUINGGC UCCGGG GACACAC  ACGCCUINAC G CCGGAAAGG GGA GCCGUINGGC UCCCUTCAAGGA GCCGUINGGC UCCGGG GACACAC  ACGCCAAACG G CCGGAAAGG GGA GCCGUINGGC UCCCUTCAAGGA GCCGUINGGC UCCGGG GACACAC  CTGGCCAAACG G CCGGCAAAGG GGA GCCGUINGGC UCCCUTCAAGGA GCCGUINGGC UCCGGG GACCACAC  CTGGCCAAACG G CCGGCAAAGG GGA GCCGUINGGC UCCCUTCAAGGA GCCGUINGGC UCCGGG GACCACAC  CTGGCCAAACG G CCGGCAAAGG GGA GCCGUINGGC UCCCUTCAAGGA GCCGUINGGC UCCGGG GACCACAC  CTGGCCAAACG G CCGCCAAAGG GGA GCCGUINGGC UCCCUTCAAGGA GCCGUINGGC UCCGGG GACCACAC  CTGGCCAAACG G CCGCCAAAGG GGA GCCGUINGGC UCCCUTCAAGGA GCCGUINGGC UCCGGG GACCACAC  CTGGCCAAACG G CCGCCAAAGG GGA GCCGUINGGC UCCCUTCAAGGA GCCGUINGGC UCCGGG GACCACAC  CTGGCCAAACG G CCGCCAAAGG GGA GCCGGUINGGC UCCCUTCAAGGA GCCGUINGGC CCCGGGG CACCACACACACACACACACACACACAC	1		3955	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	23076
CECCIDADAC         G HORAUCCCA         3957         UGGGAUTA         GCCGUUAGGC         UCCCUAACC         UCCCAACC         UCCGAACC         UCCGAACC         UCCGAACC         UCCGAACC         UCCGAACC         UCCGAACC         UCCGAACC         UCCGAACC         UCCGACACC         UCCGAACC         UCCGACACC         UCCCACACCACC         UCCCACACCACC         UCCCACACCACC         UCCCACACACC         UCCCACACACCACCACCACCACCACCACCACCACCACCAC	5		3956	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	23077
UCCCAACC G URAACGCG         3958         CGCGUUNA GGA GCCGUUNGGC UCCCUUCAAGGA GCCGUUNGGC UCCGGG GUUNGGG         UCCCAACC G URAACGCG         3959         GCCAUCAG GGA GCCGUUNGGC UCCCUUCAAGGA GCCGUUNGGC UCCGGG GUUNGGG CACCGGG           CCGGUAAAC G CCGACAAC         3960         GUUCAGUG GGA GCCGUUNGGC UCCCUUCAAGGA GCCGUUNGGC UCCGGG GGCCAUCACGA GCGGUUNGGC UCCGGG GGCCAUCACGA GCGCGUUNGGC UCCCUUCAAGGA GCCGUUNGGC UCCGGG GGCCAUCACGA GGA GCCGUUNGGC UCCGGG GGCCAUCACGA GUAACGCA GGA GCCGUUNGGC UCCCUUCAAGGA GCCGUUNGGC UCCGUUNGGC UCCGGG GGCCAUCACA GGA GCCGUUNGGC UCCCUUCAAGGA GCCGUUNGGC UCCGGG GGCCAUCACA GGA GCCGUUNGGC UCCCUUCAAGGA GCCGUUNGGC UCCGUUNGGC UCCGGG GGCCAUCACA GGA GCCGUUNGGC UCCCUUCAAGGA GCCGUUNGGC UCCGUUNGGC UCCGUUNGGC UCCGUUNGGC UCCGGG GACCGGGA AUACACAUCA GGA GCCGUUNGGC UCCCUUCAAGGA GCCGUUNGGC UCCCUUCAAGGA GCCGUUNGGC UCCCUUCAAGGA GCCGUUNGGC UCCGUUNGGC UCCGUUNGGC UCCGUUNGGC UCCGUUNGGC UCCGUUNGGC UCCGUUNGGC UCCGUUNGGC UCCGGG GACGCCACAGCU UAAUGUUU G CCAUCAGA GGA GCCGUUNGGC UCCCUUCAAGGA GCCGUUNGGC UCCCUUCAAGGA GCCGUUNGGC UCCGGG GACGCCACAGCU G CCACAGCGA GGA GCCGUUNGGC UCCCUUCAAGGA GCCGUUNGGC UCCCUUCAAGGA GCCGUUNGGC UCCGUUNGGC UCCCUUCAAGGA GCCGUUNGGC UCCGUUNGGC UCCGUUNGGC UCCGUUNGGC UCCGUUNGGC UCCGUUNGGC UCCGUUNGGC UCCGUUNGGC UCCGGG GAUGACCUCA GGA GCCGUUNGGC UCCCUUCAAGGA GCCGUUNGGC UCCGUUNGGC UCCGGG GAUGACCUCA GGA GCCGUUNGGC UCCGUUNGGC UCCGGG GAUGAGACA GGAGGCCCGGG GAUGAGCCCG GAUGAGACA GGAGGCCGGG GAUGAGCCGGG GAUGAGCCG GCCGUUNGGC GCCGUUNGGC UCCCUUCAAGGA GCCGUUNGGC UCCGGG GAUGAGCCG UCCCUUCAAGGA GCCGUUNGGC UCCGGG GAUGAGCCG GAUGAGCCG GAUGAGAG GCCGUUNGGC GCCCUUCAAGGA GCCGUUNGGC UCCCUUCAAGGA GCCGUUNGGC UCCCUUCAAGGA GCCGUUNGGC GCCGCGGGGAGAACACCCGGGAACACACAAGA GGA G	6	GAUUGCAU G UGAUCCCA	3957	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	23078
CGGGGAUG G CCGGUAACC 3959 GCCAUCCG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GAUUACGG GAACCGUUAGGC UCCGGGAUGGC UCCGGAUGGC UCCGUUAGGC UCCGUUAAGGC UCCGGAUAAGGA GCGUUAAGGC UCCCGUUAAGGC UCCGGAUAAGGA GCGUUAAGGC UCCCGUUAAGGC UCCGUUAAGGA GCGUUAAGGC UCCGGAUAAGGA GCGUUAAGGC UCCGGAUAAGGA GCGUUAAGGC UCCGUUAAGGA GCGUUAAGGC UCCGGAUAAGGA GCGUUAAGGC UCCGUUAAGGA GCGUUAAGGA GCGGUUAAGGA GCGGUUAA	-	UCCCAACC G UAAACGCG	3958	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	23079
CGCGGAUG G CCCGCAAC         3960         GUUGCGGG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GGACCAUC           GAUGGCC G CAACUGAA         3961         UUCAGUUG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GGACCAUC           CAACUGAAC         3961         UUCAGUACA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GACCGCUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUCGGCAAG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUCGGCAAG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AACACAUUA UAGCCAUC G UCGGGAGGG GCCGUUAGGC UCCCGGA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AACACAUCA UCGCCAUCAGGA G CCGUUAGGC UCCGGG GAUGGCCAAG GGA GCCGUUAGGC UCCCGGG GAUGGCAAG GCCGUUAGGC UCCGGG GAUGGCAAG GCCGUUAGGC UCCGGG GAUGGCAAG GCCGUUAGGC UCCGGG GAUGGCAAG GCCGUUAGGC UCCGUUAAGGC UCCGGG GAUGGCAAG GCCGUUAGGC UCCGGG GAUGGCAAG GCCGUUAGGC UCCGGG GAUGGCAAG GCCGUUAGGC UCCGUUAAGGC UCCGGG GAUGGCAAG GCCGUUAAGGC UCCGGG GAUGGCAAG GCCGUUAAGGA GCCGUUAAGGA GCCGUUAAGGA GCCGUUAAGGC UCCGGG GAUGGCAAGA GCCGUUAAGGA GCC	1	CCGUAAAC G CGGAUGGC	3959	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	23080
CAACUGAA G UGAUGACA  1962  UGUCAUCA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCCGGG UUCAGUG  UGAUGACA G UGAUGACA  1963  UGCGACAG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUCAGUG  UGACAGCU G UCGGCCUA  1964  UAGCCCUA  1965  UAGCCCAA  1965  UAGCCCAA  1966  UAGCCCAA  1966  UAGCCCAA  1967  UAGCCAA  1966  UAGCCCAA  1966  UAGCCCAA  1967  UAGCCAA  1968  UAGCCCAA  1968  UAGCCAA  1968  UCCUUCAA  1968  UAGCCAA  1968  UCCUUCAA  1968  UCCCUUCAA  1968  UCCCCAA  1968  UCCCUUCAA  1968  UCC	4		3960	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	23081
CAACUGAA G UGAUGACA  1962  UGAUGACA  1963  UGCGACAG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUCAGUUA  UGAUGACA  1964  UGAUGACA  1965  UGGCGAAAG  1965  UGCGACAG  1965  UGCGCCAAAGGA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGCGCA  1965  AGCUUAGCC  1965  ACAUUAGG  1966  ACAUUAGG  1966  ACAUUAGG  1966  ACCGUUAGGC UCCGUUCAAGGA GCCGUUAGGC UCCGGG AGCUUAGC  1966  ACAUUAGC  1966  ACCGUUAGGC UCCGUUCAAGGA GCCGUUAGGC UCCGUUAGGC UCCGGG AGCUUAGC  1967  AUGGCAACA  1966  ACCGUUAGGC UCCGUUCAAGGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUGGCAAC  1968  ACCGUUAGGC  1969  ACCCCUCAAGGA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUGGCAAC  AUGGCAACA  1971  AUGCCAAC  AUGGCAACA  1971  AACAUGAG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAGCCCAC  AUGGCAACA  AACAUGAG  ACCCCUUCAAGGA GCCCUUAAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAGCCCAC  AUGGCAACA  AACAUGAG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAGCCCAC  AACAUGAG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGUUAGGC UCCGUUAGGC UCCGUUAAGGC UCCGGG AAACAUGA GGA GCCGUUAAGGC UCCGUUAAGGC UCCGUUAAGGC UCCGGG CAGCGG AAACAUGA GGA GCCGUUAAGGC UCCGUUAAGGC UCCGUUAAGGC UCCGUUAAGGC UCCGGG CAGCGG AAACAUGA GGA GCCGUUAAGGC UCCCUUCAAGGA GCCGUUAAGGC UCCGGG CAGCGG CACCGGG C	8		3961	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	23082
UGAUGACA G CUGUCAGC         3963         GCCGACAG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGUUAGGC UCCGGG AUUAGGC UCCGUUAGGC UCCGGG AUUAGGC UCCGUUAGGC UCCGUUAGGC UCCGGG AUUAGGC UCCGUUAGGC UCCGUUAGGC UCCGGG AUUAGGC UCCGUUAGGC UCCGUUAGGC UCCGGG AUUAGGC UCCGUUAGGC UCCGUUAGGC UCCGUUAGGC UCCGUUAGGC UCCGGG AUUAGGC UCCGUUAGGC UCCGGG AUUAGGC UCCGGG AUUAGGC UCCGUUAGGC UCCGUUAGGC UCCGUUAGGC UCCGGG AUUAGGC UCCGGG AUUAGGC UCCGGG AUUAGGC UCCGUUAGGC UCCGUUAGGC UCCGGG AUUAGGC UCCGUUAGGC UCCGUUAGGC UCCGGG AUUAGGC UCCGUUAGGC UCCGGG AUUAGGC UCCGUUAGGC UCCGUUAGGC UCCGGG AUUAGGC UCCGUUAGGC UCCGUUAGGC UCCGUUAGGC UCCGUUAGGC UCCGGG AUGACAUA AUGGCAAAG GAA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGUUAGGC UCCGGG AUUAGGC UCCGUUAGGC UCCGGG AUUAGGC UCCGUUAGGC UCCGUUAGGC UCCGUUAGGC UCCGUUAGGC UCCGUUAGGC UCCGGG AUUAGGC UCCGGG AUUAGGC UCCGGG AUUAGGC UCCGUUAGGC UCCGUUAGGC UCCGUUAGGC UCCGUUAGGC UCCGUUAGGC UCCGUUAGGC UCCGGG AUUAGGC UCCGUUAGGC UCCGUUAAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGUUAGGC UCCGGAAAGAAAG GAAACAAUAAAGA GAAACAAUAAAGA GAAACAAUAAAACAAUAAAACAAUAAAACAAAAAAAAAA	1	CAACUGAA G UGAUGACA	3962	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	23083
UGACUARU G         UGGGCGA         GGA GCGUUAGGC         UCCCUUCAAGGA         GCCGUUAGGC         UCCGGG         GACAGCUA           AGCUGUUAGG         CCUAAUGG         GACGAAAA         GGA GCCGUUAGGC         UCCCUUCAAGGA         GCCGUUAGGC         UCCGGG         GACAGCUA           UAAUGUU         CCAUCGUA         3965         AUGGCAAA         GGA GCCGUUAGGC         UCCCUUCAAGGA         GCCGUUAGGC         UCCGGG         AUGGCAAA           UVGCCAUC         GACGAUGG         GACGAUGGC         UCCGUUAGGC         UCCGGG         AACAUUA           UVGCCAUC         GCGGUUAGGC         UCCCCUUCAAGGA         GCCGUUAGGC         UCCGGG         AACAUUA           UVGCCAUC         GCGGUUAGGC         UCCCUUCAAGGA         GCCGUUAGGC         UCCCGGG         CUCGGG         CUCGGG         CUCCGGA         GACCCUUAGGC         UCCCGUUAGGC         UCCCGGG         CUCCGGG	9	UGAUGACA G CUGUCGGC	3963	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	23084
AGCUGUNG         G CCUMANG         ACAUUAGG         GGCGUUAGGC         UCCCUUCAAGGA         GCCGUUAGGC         UCCGUUAGGC         UCCCUUCAAGGA         GCCGUUAGGC         UCCGUUAGGC         UCCGUUAGGC         UCCGGG         AUGGCAAA         GACGAAA         GACGAUAGGC         UCCCUUCAAGGA         GCCGUUAGGC         UCCGGG         AUGACAAA           UVGCCAUC         G CCGUUAGGC         UCCGGAAGGA         3967         GACGAUAGG         GCCGUUAGGC         UCCCGGG         AAACAUUA           UVGCCAUC         G UCGGAAGGA         3969         UCUGCCAG         GGA         GCCGUUAGGC         UCCCUUCAAGGA         GCCGUUAGGC         UCCGGG         GCCGUUAGGC         UCCGGAAGGA         GCCGUUAGGC         UCCCGAACAGA         GCCGUUAGGC         UCCCGAACAAA         GCCGUUAGGC         UCCCGAACAAA         GCCGUUAGGC         UCCCCUUCAAGGA         GCCGGAACAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA	6	UGACAGCU G UCGGCCUA	3964	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	23085
GGCCUDAU         G NUGGCAL         3966         AUGGCAAA         GGCGUDAGGC         UCCCUUCAAGGA         GCCGUDAGGC         UCCCUUCAAGGA         GCCGUDAGGC         UCCCGAAGGA         GACGAUAGGC         UCCCUUCAAGGA         GCCGUDAGGC         UCCGGAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA	3	AGCUGUCG G CCUAAUGU	3965	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	23086
UNAUGUUU G CCAUCGUC         3967         GACGAUGG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ANACAUAA           UUGCCAUC G UCGGAGGG         3968         CCCUCCGA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GAUGGCAA           GUCGGAGGG         CUCGCCAG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUCCGGA CUCCGGA CUCCGAC           GAGGGCAGA G CUGACAAA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUCCGGA CUCCCAUCAAGGA GCCGUUAGGC UCCCAUCAAGGA GCCGUUAGGC UCCCAUCAAGGA GCCGUUAGGC UCCGGG GAUGGAGU           ACUCCAUC         3972         UGGAAUGG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GAUGGAGU           ACUCCAUC         GGGGGCUCA         GGGGGCUCA           ACUCCAUCA         GCGGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GAUAGUCA           ACUCCAUC         GGGGGCUCA           ACUCCAUCA         GGGGGCUCA           ACUCCAUCAAGGA GCCCCAG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GUCGGG GUCGGG GUCGGG GUCGGG GUCGGG GUCGGG GUCGGG GUCGGG GUCGCGG GUCGGG GUCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGUUAGGC UCCGGG AGAAGAAAA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGAAAACAAAAAAAAAA	0	G UUUGC	3966	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	23087
UUGECCANC G UCGGAGGG         3968         CCCUCCGA GGA GCCGUNAGGC UCCCUUCAAGGA GCCGUNAGGC UCCGGG GAUGGCAA           GUCGGAGG         CUGGCAG         GGA GCGGUNAGGC UCCCUUCAAGGA GCCGUNAGGC UCCCGACCAC           GAGGGCUG         GAGGGCUCAA         3970         AAGCUCAAG GGA GCCGUNAGGC UCCCUUCAAGGA GCCGUNAGGC UCCCCUCAAGGA GCCGUNAGGC UCCGGG CUCGGG CUCGGG UCCCCAC           CUGGCAGA         CUGGAAUCGAG GGA GCCGUNAGGC UCCCUUCAAGGA GCCGUNAGGC UCCGGG CUCGGG CUCGGG CUCGGG GAUGGAGU           ACUCCANC         GCGGUNAGGC UCCCUUCAAGGA GCCGUNAGGC UCCCUUCAAGGA GCCGUNAGGC UCCGGG GAUGGAGU           ACUCCANC         GCGGGGCUC         GAGCCCCG GGA GCCGUNAGGC UCCCUUCAAGGA GCCGUNAGGC UCCGGG GAUGGAGU           AUGGCGGG         GCCGUNAGGC UCCCUUCAAGGA GCCGUNAGGC UCCCUUCAAGGA GCCGUNAGGC UCCGGG AUGGAGU           AUGGCGGG         GCCGUNAGGC UCCCUUCAAGGA GCCGUNAGGC UCCCUUCAAGGA GCCGUNAGGC UCCGUNAGGC UCCGGG AUGAGCC UCCGGG AUGAGCC UCCGGG AUGAGCC UCCGGG AUGAGCC UCCGUNAGGC UCCCUUCAAGGA GCCGUNAGGC UCCGGG AUGAGCC UCCGGG AUGAGCC UCCGUNAGGC UCCGUUAGGC UCCGGG AGCAAACAACAACA GCGUNAGGC UCCCUUCAAGGA GCCGUNAGGC UCCGUUAGGC UCCGUUAGGC UCCGGG AGCAAACAACAACAACAACAACAACAACAACAACAACAAC	4	UAAUGUUU G CCAUCGUC	3967	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	23088
GUCGANG         G COGUNAGGC         UCUGCCAG         GGA         GCCGUNAGGC         UCCCUCAAGGG         CUCCGAC           GAGGGCUG         G CAGAGCUU         3970         AAGCUCAAG         GGA         GCCGUNAGGC         UCCCUUCAAGGA         GCGCUNAGGC         UCCGCUUAGGC         UCCGCUUAGGC         UCCGGG         UCUGCCAC           ACUCCANG         G CAGAGCUC         3972         UGGAANGG         GGA         GCCGUUAGGC         UCCCUUCAAGGA         GCCGUUAGGC         UCCGGG         UCUGCAGG         UCUGCAGG         UCUGCAGG         UCUGCAGG         UCUGCAGG         UCUGCAGG         UCUGCAGGA         UCUGCAGGG         UCUGGGG         UCUGGG         UCUGGG         UCUGGGG	6	UUGCCAUC G UCGGAGGG	3968	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	23089
GAGGECUG         G CAGAGCUU         GGA GCCGUUAGGC         UCCCUUCAAGG         GCCGUUAGGC         UCCCUUCAAGG         CCCGUUAGGC         UCCGGG         CCCGGG         CCCGGGG         CCC	8	GUCGGAGG G CUGGCAGA	3969	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	23090
CUGGCAGA G CUUGACAU 3971 AUGUCAAG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCUGCAGG UCUGCAGG UCUGCAGG UCCGGG CAUGGAGU G CCAUUCCAUG G CCAUUCCAU G CCGUUAGGC UCCGGG CAUGGAGU G CCGUUAGGC UCCGGG CAUGGAGU AUGCCGGG GUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GAUAGUCA AUGCCGGG GUUAGGC UCCGGG GAUAGUCA GGGCCUCAU G UUUGCUGC 3974 AACAUGAG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GAUAGUCA GGGCCUCAU G UUUGCUGC 3975 GCAGCAAA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AACAUGA UCAUGUUU G CUGCUUUCGUG 3976 GAAAGCAG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AACAUGA UGUUUGCUG GUUAGGC UCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGUUAGGC UCCGUUAGGC UCCGGG AGCAAACA	2	GAGGGCUG G CAGAGCUU	3970	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	23091
ACUCCANG G CCAUNCCA 3972 UGGAANGG GGA GCGUUAGGC UCCCAUCAAGGA GCCGUUAGGC UCCGGG CAUGGAGU  UGACUAUC G CGGGGCUC 3973 GAGCCCCG GGA GCCGUUAGGC UCCCCUCAAGGA GCCGUUAGGC UCCGGG GAUAGUCA  AUCGCGGG G CUCAUGUU 3974 AACAUGAA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUAGCCC  GGGCUCAU G UUUGCUGC 3975 GAAAGCAA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUGAGCC  UGAUGUUU G CUGCUUUC  3976 GAAAGCAA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AACAAGA  UGAUGUUU G CUGCUUUCGUG 3977 CACGAAAG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGCAAACA	7	CUGGCAGA G CUUGACAU	3971	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	23092
UGACUANC G CGGGGCUC         3973         GAGCCCCG GGA GCCGUNAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGGA GAUAGUCA           AUCGCGGG G CUCAUGUU         3974         AACAUGAG GGA GCGGUUAGGC UCCCUUCAAGGA GCGGUUAGGC UCCGGAU           GGGCUCAU G UUUGCUGC         3975         GCAGCAAA GGA GCGGUUAGGC UCCCUUCAAGGA GCGGUUAGGC UCCGGG AACAUAGGC UCCGGG AACAUAGGC UCCGGG AACAUAGGC UCCGGGG AACAUAGGC UCCGUUAGGC UCCGGG AACAUAGA GCGGUUAGGC UCCGGG AGCAAACA	9	ACUCCAUG G CCAUUCCA	3972	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	23093
AUCGCGGG G CUCAUGUU  GGGCUCAU G UUUGCUGC  3975 GCAGCAAA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUGAGCC  UCAUGUUU G CUGCUUUC  3976 GAAAGCAG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AACAUGA  UGUUGCU G CUUUCGUG  3977 CACGAAAG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AACAACA	4	UGACUAUC G CGGGCCUC	3973	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	23094
GGGCUCAU G UUUGCUGC  3975 GCAGCAAA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUGAGCCC  UCAUGUUU G CUGCUUUC  3977 CACGAAAG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AACAACA  UGUUUGCU G CUUUCGUG  3977 CACGAAAG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGCAAACA	6	AUCGCGGG G CUCAUGUU	3974	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	23095
UCAUGUUU G CUGCUUUC 3976 GAAAGCAG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAACAAGA GGA GCCGUUAGGC UCCGGG AGCAAACA	5	GGGCUCAU G UUUGCUGC	3975	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	23096
UGUTUGGU G CUUUCGUG 3977 CACGAAAG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGCAAACA	6	CUGCU	3976	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	23097
	2		3977	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	23098

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UCCGGG CAUCACGC	UCCGGG CUUCAACC	UCCGGG ACCUUCAA		nccege ncconnae	uccege eecuccuu	UCCGGG UCAUCAAA	UCCGGG	ncceee eeccanan	UCCGGG	uccege ueccccae	UCCGGG ACUGCCCC	UCCGGG AAAGUCGA	UCCGGG AAUUUCCA	uccege uscalauu	ರಾಣವಾಗಿ	UCCGGG CCGUUCCA	uccege cucauccu	UCCGGG ACCUCAUC	UCCGGG AAUCAUCU	೧୯୯୯	uccege cageuucc	೮೦೦೦೦೦	uccege euucuuaa	uccase cccuseuu	UCCGGG ACCCCUGG	೧୯୯୯	UCCGGG	иссава	uccege vauvegue	UCCGGG	UCCGGG AUCACCGU	UCCGGG CCAAUCAC	UCCGGG	uccege uccannec	UCCGGG AUUAUGAC	ාපපෙය පෙතාලයෙද	uccege unauguau	UCCGGG	uccege uaucecec
A GCCGUUAGGC	, ,	A GCCGUUAGGC	A GCCGUUAGGC		A GCCGUUAGGC	1.		A GCCGUUAGGC	,	A GCCGUUAGGC	1 :	A GCCGUUAGGC	A GCCGUUAGGC	A GCCGUUAGGC	A GCCGUUAGGC	A GCCGUUAGGC	A GCCGUUAGGC	A GCCGUUAGGC	A GCCGUUAGGC	A GCCGUUAGGC	A GCCGUUAGGC	A GCCGUUAGGC	<i>l</i> 1	A GCCGUUAGGC															
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ACCUUCAA GGA	GGAAAACA GGA	GUGGAAAA GGA	GUUGUAUG GGA	CAAAGCGG GGA	CAUCAAAG GGA	CCUCUCCG GGA	CCAGGCGG GGA	GGUCCAGG GGA	UGACACUG GGA	CCUUGACA GGA	CUCCUUGA GGA	CUCCGUAA GGA	UNGUGCUG GGA	CACUUGUG GGA	ccenucca gga	UCAUCCUG GGA	CAUCUGCA GGA	AUCAUCUG GGA	UUCCACCA GGA	AGGUUCCA GGA	CGUUCUUG GGA	GUICUUAA GGA	CGUCUGGA GGA	UUUGAACA GGA	GUUUUGAA GGA	AGUCACGG GGA	CAAAGUCA GGA	UUGGUGAG GGA	UUUGUCCA GGA	UCACAUCA GGA	CCCAAUCA GGA	CCAUAAAG GGA	CUCCAUUG GGA	CAUUAUGA GGA	ccevucee gea	UGUAUGAG GGA	CUAUCGCG GGA	CACUAUCG GGA	ACCCUGCA GGA
4018	4019	4020	4021	4022	4023	4024	4025	4026	4027	4028	4029	4030	4031	4032	4033	4034	4035	4036	4037	4038	4039	4040	4041	4042	4043	4044	4045	4046	4047	4048	4049	4050	4051	4052	4053	4054	4055	4056	4057
GCGUGAUG G UUGAAGGU	GGUUGAAG G UGUUUUCC	UUGAAGGU G UUUUCCAC	ACCCUTUG G CAUACAAC	CAAAAGGA G CCGCUUUG	AAGGAGCC G CUUUGAUG	UUUGAUGA G CGGAGAGG	CGGAGAGG G CCGCCUGG	AGAGGGCC G CCUGGACC	AUACUGGG G CAGUGUCA	CUGGGGCA G UGUCAAGG	GGGGCAGU G UCAAGGAG	UCGACUUU G UUACGGAG	UGGAAAUU G CAGCACAA	AAAUUGCA G CACAAGUG	CAGCACAA G UGGAACGG	UGGAACGG G CAGGAUGA	AGGAUGAG G UGCAGAUG	GAUGAGGU G CAGAUGAU	AGAUGAUU G UGGUGGAA	UGAUUGUG G UGGAACCU	GGAACCUG G CAAGAACG	GCAAGAAC G UUAAGAAC	UVAAGAAC G UCCAGACG	AACCAGGG G UGUUCAAA	CCAGGGGU G UUCAAAAC	AAAUCGGG G CCGUGACU	UCGGGGCC G UGACUUUG		CACCAAUA G UGGACAAA	CAAAAACG G UGAUGUGA	ACGGUGAU G UGAUUGGG	GUGAUUGG G CUUUAUGG	GCUUDAUG G CAAUGGAG	GCAAUGGA G UCAUAAUG	GUCAUAAU G CCCAACGG	GCCCAACG G CUCAUACA	AUACAUAA G CGCGAUAG	ACAUAAGC G CGAUAGUG	GCGCGAUA G UGCAGGGU
4735	4742	4744	4761	4777	4780	4790	4799	4802	4820	4823	4825	4844	4866	4869	4875	4884	4894	4896	4906	4909	4919	4927	4936	4954	4956	4984	4987	5018	5029	5042	5047	5055	5063	5071	5079	5087	8099	5101	5107

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4097 CUGCAAUG

23219	. 23220	23221	23222	23223	23224	23225	23226	23227	23228	23229	23230	23231	23232	23233	23234	23235	23236	23237	23238	23239	23240	23241	23242	23243	23244	23245	23246	23247	23248	23249	23250	23251	23252	23253	23254	23255	23256	23257	23258
UCCGGG AAUGCUAG	UCCGGG UGCAAUGC	accees cacaneca	uccese curususe	uccede uceaccuu	vccese cuccccua	nccees cecanoca	uccese cecceca	uccege ugucauga	පිට්ට දැල්ලේ දැල්ලේ	ucceeg ucugegaa				UCCGGG AAACCAAA		UCCGGG UAGGCACA		uccege AAUCUCAU	UCCGGG AAAGGGCA	uccege guuguage	uccege aceudeda	ucceed unucunuc	uccege uacuuucu		ucceee eacuuucu			UCCGGG AAAGUCCC			иссеве исессиие	ucceed ccuecuce	uccege ugucaauc				uccege agaugedu		UCCGGG UGUCACUG
GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	SA GCCGUUAGGC UCCGGG	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC
G UCCUUCAAGGA	GC UCCCUUCAAGGA	GC UCCCUUCAAGGA	GC UCCCUUCAAGGA	GC UCCCUUCAAGGA	GC UCCCUUCAAGGA	GC UCCCUUCAAGGA	GC UCCCUUCAAGGA	GC UCCCUUCAAGGA	GC UCCCUUCAAGGA	GC UCCCUUCAAGGA	GC UCCCUUCAAGGA	GC UCCCUUCAAGGA	GC UCCCUUCAAGGA	GC UCCCUUCAAGGA		GC UCCCUUCAAGGA	1	GC UCCCUUCAAGGA	GC UCCCUUCAAGGA	GC UCCCUUCAAGGA	GC UCCCUUCAAGGA	GC UCCCUUCAAGGA	GC UCCCUUCAAGGA	1 1	GC UCCCUUCAAGGA		GC UCCCUUCAAGGA		. 1		SGC UCCCUUCAAGGA	SEC UCCCUUCAAGGA	GC UCCCUUCAAGGA	GC UCCCUUCAAGGA	1	GC UCCCUUCAAGGA		sec ucccuucaagga	GC UCCCUUCAAGGA
3 GGA GCCGUUAGGC	3 GGA GCCGUUAGGC	A GGA GCCGUUAGGC	A GGA GCCGUUAGGC	3 GGA GCCGUUAGGC	G GGA GCCGUUAGGC	G GGA GCCGUUAGGC	3 GGA GCCGUUAGGC	3 GGA GCCGUUAGGC	G GGA GCCGUUAGGC	A GGA GCCGUUAGGC	g gea gecguuagge	A GGA GCCGUUAGGC	A GGA GCCGUUAGGC	A GGA GCCGUUAGGC	g gga gccguuaggc	A GGA GCCGUUAGGC	A GGA GCCGUUAGGC	G GGA GCCGUUAGGC	GGA	A GGA GCCGUUAGGC	G GGA GCCGUUAGGC	A GGA GCCGUUAGGC	A GGA GCCGUUAGGC	A GGA GCCGUUAGGC	A GGA GCCGUUAGGC	A GGA GCCGUUAGGC	A GGA GCCGUUAGGC	A GGA GCCGUUAGGC	g gga gccguuaggc	g gga gccguuaggc	G GGA GCCGUUAGGC	A GGA GCCGUUAGGC	g gga gccguuaggc	A GGA GCCGUUAGGC	A GGA GCCGUUAGGC	A GGA GCCGUUAGGC	g gga gccguuaggc	A GGA GCCGUUAGGC	CONTRIBUTE ADD D
98 ucuugaug	99 ACCUCUUG	NA AAAUGUAA	11 UAGCUCGA	12 UCCCCUAG	3 UGCCGCCG	34 UAUUGCCG	S GAAUAUUG	oedeeded	77 CUGAAGUG	38 GAAUUGGA	39 GUUCCAAG	10 AAACCAAA	11 GGCACAAA	12 ACUAGGCA	13 ACACUAGG	14 UCUUGACA	_	16 GCAAAGGG	L7 GUUGUAGG	18 UUCCAGCA	19 CUUUCCAG	20 UUGGACUA	21 CAAUUGGA	22 UCGUACGA	23 GUCUCGUA	24 UUUGGGUA	25 CGUUCUUA	26 UGUGAUAA	27 GAAGUUAG	_	29 UCACCCUG	30 GUCAAUCA		32 GUUUCACA		34 CAGGAUCA	35 UGUCACUG	36 UGCUGUCA	ATTAGETTE
CAAGA 4098	GAGGU 4099	CAUUU 4100	AGCUA 4101	GGGGA 4102	CGGCGGCA 4103	CAAUA 4104	UAUUC 4105	CCCCA 4106	UUCAG 4107	AAUUC 4108	GGAAC 4109	GGUUU 4110	GUGCC 4111	CUAGU 4112	AGUGU 4113	CAAGA 4114	AGAUG 4115	CCCUUUGC 4116	ACAAC 4117	UGGAA 4118	GAAAG 4119	UCCAA 4120	AAUUG 4121	UACGA 4122	GAGAC 4123	CCAAA 4124	GAACG 4125	UCACA 4126	ACUUC 4127	CGAGCAGG 4128	GGUGA 4129	UUGAC 4130	GAAGA 4131	GAAAC 4132	AACCA	UCCUG 4134	UGACA 4135	CAGCA 4136	CIAGII 4137
CUAGCAUU G CAG	GCAUUGCA G CAAC	AGCAAGAG G UUACAUUU	CCACAAAG G UCG	AAGGUCGA G CUAC	UAGGGGAG G CGG	GGGAGGCG G CGGC	AGGCGGCG G CAAL	UCAUGACA G CCACCCCA	CCCACCAG G CACT	UUCCCAGA G UCCAAUUC	CGGAUCGA G CUUC	g unu	ACGGUUUG G UUU	unagann e nac	ugganaga g cca	UGUGCCUA G UGUCAAGA	UGCCUAGU G UCA	AUGAGAUU G CCC	UGCCCUUU G CCUACAAC	CCUACAAC G UGCI	UACAACGU G CUG	GAAAGAAA G UAGI	AGAAAGUA G UCCP	AACAGAAA G UCGUACGA	AGAAAGUC G UACGAGAC	GAGACGGA G UACCCAAA	CCCAAAAU G UAAG	GGGACUUU G UUAI	AAAUGGGG G CUAA	ල	CAAGGCGA G CAGGGUGA	CGAGCAGG G UGAUUGAC	GAUUGACA G CCG	CCGGAAGA G UGUG	GGAAGAGU G UGA	AAGGGAGA G UGA	AACCAUCU G CAGI	CAUCUGCA G UGA	CAGITGACA G CAG
5497	5500	5507	5524	5529	5539	5542	5545	5560	5573	5595	5641	5689	5694	5698	5700	5705	5707	5728	5735	5744	5746	5758	5761	5778	5781	5793	5804	5827	5857	5869	5873	5878	5888	5897	5899	5935	5956	5959	5965

23259	23260	23261	23262	23263	23264	23265	23266	23267	23268	23269	23270	23271	23272	23273	23274	23275	23276	23277	23278	23279	23280	23281	23282	23283	23284	23285	23286	23287	23288	23289	23290	23291	23292	23293	23294	23295	23296	23297	23298
GGCACUAG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGIIIIAGGC UCCGGG UGCUGUCA	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	CUGGGCGG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACUAGCUG	UCUCUGGG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GGCACUAG	} !	UACCGAUA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GUCCACGU	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	GCCGUUAGGC UCCGGG	AUCACCAA GGA GCCGUIAGGC UCCCUUCAAGGA GCCGUIAGGC UCCGGG UUGCGACG	ACUCAUCA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAACUUGC	UAACAGUA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCAUCACC	GGA GCCGUDAGGC UCCCUUCAAGGA GCCGUDAGGC UCCGGG	GGA GCCGUUAGGC	CCAAUGGG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GAAGUUCG	GAUUCGUG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUCAGUCC	UNGUCCAG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUGAUUCG	CCGUUUGG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUGUUGAU	GAAUUGAG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GAUCAGUC	GCCGUUAGGC	UCCCUUCAAGGA	GGUAUAUA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUUCUCAC	CCUCUGAG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CGGUAUUC	GUCCUCAA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGUUCCAG		CAAACUGG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGAUCUGC	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	GCCGUUAGGC	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC		UCCAGCCG GGA GCCGUIAGGC UCCCUUCAAGGA GCCGUIAGGC UCCGGG UGCAACCU	CACUCCAG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CGCUGCAA	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	UGGUAUGA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACUCCAGC	AAGCACCA GGA GCCGUIAGGC UCCCUUCAAGGA GCCGUIAGGC UCCGGG CUCCGGUC		CAUCAAAG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACCACCUC	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	GACUUCCA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUCGUUGU
4138	4139	4140	4141	4142	4143	4144	4145	4146	4147	4148	4149	4150	4151	4152	4153	4154	4155	4156	4157	4158	4159	4160	4161	4162	4163	4164	4165	4166	4167	4168	4169	4170	4171	4172	4173	4174	4175	4176	4177
UGACAGCA G CUAGUGCC	g ugo	CAGCUAGU G CCGCCCAG	CUAGUGCC G CCCAGAGA		ACGUGGAC G UAUCGGUA		AGAAAUCC G UCGCAAGU	AAUCCGUC G CAAGUUGG		GCAAGUUG G UGAUGAGU	GGUGAUGA G UACUGUUA	G M	UAUGGGGG G CACACGAA	CGAACUUC G CCCAUUGG		ദേവ	AUCAACAU G CCAAACGG	GACUGAUC G CUCAAUUC	CAACCAGA G CGUGAGAA	ACCAGAGC G UGAGAAGG	GUGAGAAG G UAUAUACC	GAAUACCG G CUCAGAGG	CUGGAACU G UUGAGGAC	UGAGGACU G CAGAUCUG	GCAGAUCU G CCAGUUUG	AUCUGCCA G UUUGGCUG	ccaeuuug g cuggcuua		CUDACAAG G UUGCAGCG	G CAC	AGGUUGCA G CGGCUGGA	UVGCAGCG G CUGGAGUG	CGGCUGGA G UGUCAUAC	GCUGGAGU G UCAUACCA	GACCGGAG G UGGUGCUU	CGGAGGUG G UGCUUUGA	caccuceu e cuurcauc		ACAACGAA G UGGAAGUC
5968	5972	5974	5977	5987	5993	5999	6009	6012	6016	6020	6027	6032	6042	6070	6085	9609	6114	6130	6150	6152	6160	6186	6222	6232	6240	6244	6249	6253	6262	6265	6268	6271	6277	6279	6297	6300	6302	6311	6349

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6355	AAGUGGAA G UCAUCACG	4178	CGUGAUGA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUCCACUU	23299
6366		4179	UCACCAAG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUCGUGAU	23300
6371	O	4180	. ,	23301
6390		4181	CAGCGCGG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUCAGAAU	23302
6393	O	4182		23303
6395	GAGGCCGC G CUGGAUUG	4183	CAAUCCAG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GCGGCCUC	23304
6406	GGAUUGAC G CCAGGGUG	4184	CACCCUGG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GUCAAUCC	23305
6412	G UGUAC	4185	CGAGUACA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCUGGCGU	23306
6414		4186	UCCGAGUA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACCCUGGC	23307
6430		4187	CUUUAGUG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUGGUGAU	23308
6439	CACUAAAG G CGUUCAAG	4188		23309
6441	CUAAAGGC G UUCAAGGA	4189	UCCCUUCAAGGA GCCGUUAGGC UCCGGG	23310
6454	AGGACTUC G CCUCGGGA	4190	GCCGUUAGGC UCCGGG	23311
6467	GGGAAAAC G UUCUCAGA	4191	UCCGGG	23312
6480	CAGAUAGG G CUCAUUGA	4192	accannaggc uccagg	23313
6490	UCAUUGAG G UUCUGGGA	4193	UCCCUUCAAGGA GCCGUUAGGC UCCGGG	23314
6504	GGAAAGAU G CCUGAGCA	4194	UCCCUUCAAGGA GCCGUUAGGC UCCGGG	23315
6510	AUGCCUGA G CACUUCAU	4195	GCCGUUAGGC UCCGGG	23316
6535	CAUGGGAA G CACUUGAC	4196		23317
6549	GACACCAU G DACGUUGU	4197		23318
6553	CCAUGUAC G UUGUGGCC	4198		23319
6556	UGUACGUU G UGGCCACU	4199	GCCGUUAGGC UCCGGG	23320
6559	ACGUUGUG G CCACUGCA	4200	UCCCUUCAAGGA GCCGUUAGGC UCCGGG	23321
6565	G CAGA	4201	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	23322
6583	GAGGAAGA G CUCACAGA	4202	UCCGGG	23323
6595	g CCCUC	4203	CUCCAGGG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAUUCUGU	23324
6099		4204	೧೮୯୯	23325
6616	UGCCAGAU G CUCUUCAG	4205	UCCGGG	23326
6631	AGACAAUU G CCUUGAUU	4206	UCCCUUCAAGGA GCCGUUAGGC	23327
6640	CCUUGAUU G CCUUAUUG	4207		23328
6650	CUUAUUGA G UGUGAUGA	4208	accennage ucceed	23329
6652	UAUUGAGU G UGAUGACC	4209	DCCGGG	23330
2999	CCAUGGGA G UAUUCUUC	4210	UCCGGG	23331
6684	CUCCUCAU G CAGCGGAA	4211	UCCCUUCAAGGA GCCGUUAGGC UCCGGG	23332
6687	CUCAUGCA G CGGAAGGG	4212	GCCGUUAGGC UCCGGG	23333
5699	GCGGAAGG G CAUUGGAA	4213	eccennagec uccage	23334
6710	AAAGAUAG G UUUGGGAG	4214	GCCGUUAGGC UCCGGG	23335
6719	UUUGGGAG G CGCUGUCU	4215	UCCGGG	23336
6721	UGGGAGGC G CUGUCUUG	4216	UCCCUUCAAGGA GCCGUUAGGC UCCGGG	23337
6724	GAGGCGCU G UCUUGGGA	4217	UCCCAAGA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGCGCCUC	23338

00000	23339	23340	23341	23342	23343	23344	23345	23346	23347	23348	23349	23350	23351	23352	23353	23354	23355	23356	23357	23358	23359	23360	23361	23362	23363	23364	23365	23366	23367	23368	23369	23370	23371	23372	23373	23374	23375	23376	23377
	- 1	GACUCCCA		CAUCCAAC	UUCAGCCA	GAUCUUCG	AUUCCGGC			AAUCAUCA	B ACAAUCAU	UCAGGAAU	i i	: GUUGCUUC	GAACGUUG		nageuggu	GGCUAGCU	ACGGCUAG		H ACAAAUCA	AAGGGUCA		GCUCACAA	, ,	CACUGCGC	3 UGCCACUG	· ł			TOTALIGUCA						3 UCUCCCAU	CUCAAGUC	3 CGGCCUCA
- 1	- 1	- 1	SC UCCGGG	SC UCCGGG	වෙවරට වැ	SC UCCGGG	DECCEGG	SC DCCGGG		SC UCCGGG	SC DCCGGG	වචචටටට ටිද	SC OCCGG				SC UCCGGG	DEBECORGE	SC UCCGGG	නිට වරයයෙම	ac uccasa		SC DCCGGG	ອອຄລວດ ວັຣ		වට ගදයයෙ		ತದ್ದೆ ಬರಂತಡಡ	SC UCCGGG	3C UCCGGG							3C UCCGGG		SC DCCGGG
	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAG	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC
	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	CCUUCAAGGA	UCCCUUCAAGGA
1	1	accennagge uc	accavinadac uc	acceuvagec uc	accavinagec uc	accennagge oc	accennagge uc	1	accannage uc	accennage uc	accannage no	accennaged uc	accannage uc	accennagec uc	accennage uc	accannagge uc	accennagec uc	GCCGUUAGGC UC	accentrage uc	accannagge uc		accannagge no	accannage uc	GCCGUUAGGC UC		GCCGUUAGGC UC	accentrages uc	accavinagac vo		accennagec uc		accennaggc uc	accennagec uc	accannagge uc	accaunagac uc	GCCGUUAGGC UC	accavuagec uc	GCCGUUAGGC UCCCUUCAAGGA	GCCGUIDAGGC UC
	GGA	GGA	gg.	GG.	GGA	GGA	GGA	GGA	AS AS	GGA	ggA	GGA	GGA	GGA	GGA	GGA	55	GGA	GGA	GGA	₽ S	₽ E	Agg Agg	GGA	GGA	₽ E	₽ P	GGA	GGA	GGA	GGA	GGA	GGA	GGA	GGA	GGA	GGA	GGA	25
	GGUCGCGA	AAAGGUCG	CCAUCCAA	AACUUCAG	UCCUGGAA	CAUUCCGG	AGCAGCAA	GAGAGCAG	AGGGAGAG	AAUUAGCA	GGAAUUAG	uncucues	GAACGUUG	UCUGCGAA	ncnencne	ACGCCUAG	GAACACGG	CAGGAACA	AUCAGGAA	UCAUGACA	GGUCAUGA	UGCGCUCA	CCACUGCG	UGCCACUG	GGCUGCCA	guagaaa	cucennee	CUAGCCAA	UVAUCUAG	UNAUGUCA	ACAAACUG	CAAACAAA	UGCCCAAA	AUUCUUUG	CUCCUUGA	CUCCCAUG	AAAAGAAA	SECORE	GGCUGUUG
	4218	4219	4220	4221	4222	4223	4224	4225	4226	4227	4228	4229	4230	4231	4232	4233	4234	4235	4236	4237	4238	4239	4240	4241	4242	4243	4244	4245	4246	4247	4248	4249	4250	4251	4252	4253	4254	4255	4256
	G UCGCGACC	g cgAccuuu	g unggangg	CUGAAGUU	G UUCCAGGA	G CCGGAAUG	ນນີດຕັນດີດັນ	CUGCUCUC	cucucccu	UGCUAAUU	CUAAUUCC	CCAGAGAA	CAACGUUC	G UUCGCAGA	G CAGACAGA	CUAGCCGU	CCGUGUUC	g uguuccug	UUCCUGAU	UGUCAUGA	UCAUGACC	UGAGCGCA	CGCAGUGG	CAGUGGCA	ğ	CAGCCAAC	CCAACGAG	uuggcayg	G CUAGAUAA	G UGACAUAA	ල පෙලාගාලග	യാരാധാര	UUUGGGCA	G CAAAGAAU	G UCAAGGAG	CAUGGGAG	ນບບວດນັບບ	CCGGCAAC	CAACAGCC
	UCUUGGGA G	UGGGAGUC G	CUUUUUCU G	GUUGGAUG G	UGGCUGAA G	CGAAGAUC G	GCCGGAAU G UUGCUGCU	GGAAUGUU G	AUGUUGCU G CUC	UGAUGAUU G UGCUAAUU	AUGAUUGU G CUP	AUUCCUGA G CCAGAGAA	CCAGAGAA G		CAACGUUC G	GACAACCA G CUAGCCGU	ACCAGCUA G CC	AGCUAGCC G	TUAGCCGU G	CCUGATUU G UGL	UGAUTUGU G UCA	UGACCCUU G UGZ	ccuuduea e cecaeuee	UUGUGAGC G		GCGCAGUG G	CAGUGGCA G	caagauge e uuggcuag			UGACAUAA G	CAUPAGCA G UUU		wewwee e	GAAUUGAG G	GAAUUUCA G CAL	AUGGGAGA G UUT	GACUUGAG G CCGGCAAC	UGAGGCCG G CAA
-	6733	6736	6749	6757	6763	L	6849	6792	6795	6817	6819	6831	6840	6845 (	6849	6864 (	8989	6871	6873	L	9889	8689	6902	6904		6910	6913		Ц	6947		_	_		6982 (	L		L	7030

UGUA
4259 ACAGCGUA 4260 UGUCACAG
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4263 AGUGAGGA GGA
AUCAAAUG
4266 UAAUCUGA GGA
4267 UGCCUGAA
GAAUAGUG
BCCUCGCG
AAGCCUCG
AGGGGAAG
_
CACUCCAA
AGCCGACA
AGAGCCGA
GCAUCCGG
4
4286 UGUUGCCG
1
4288 CAUAGUGG
1
1
4292 UCAGCUUG GGA
4293 UGCCUCAG
4294 GCGCAUUG
4295 GCUGAGCG
4297 CCGCUGGG

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7329	UCAGCCCA G CGGCGGAC	4298	GUCCGCCG GGA GCCGUIAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGGGCUGA	23419
7332	GCCCAGCG G CGGACAGC	4299	GCUGUCCG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CGCUGGGC	23420
7339	GGCGGACA G CGGCCGGA	4300	UCCGGCCG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGUCCGCC	23421
7342	GGACAGCG G CCGGAAUC	4301	GAUTICCES GEA GCCEUTAGEC UCCCUTCAAGEA GCCEUTAGEC UCCEGE CGCUGUCC	23422
7360	UGAAGAAC G CUGUAGUG	4302	CACUACAG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GUUCUUCA	23423
7363	AGAACGCU G UAGUGGAU	4303	accevinadec ucceed	23424
7366	ACGCUGUA G UGGAUGGC	4304	accennagec uccege	23425
7373	AGUGGAUG G CAUCGUGG	4305	CCACGAUG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAUCCACU	23426
7378	AUGGCAUC G UGGCCACG	4306	CEUGGCCA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GAUGCCAU	23427
7381	GCAUCGUG G CCACGGAC	4307	GUCCGUGG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CACGAUGC	23428
7390	CCACGGAC G UCCCAGAA	4308	UNCUGGGA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GUCCGUGG	23429
7404	GAAUUAGA G CGCACCAC	4309	UCCCUUCAAGGA GCCGUUAGGC UCCGGG	23430
7406	AUUAGAGC G CACCACAC	4310	GCCGUUAGGC UCCGGG	23431
7422	CCCAUCAU G CAGAAGAA	4311	UNCUUCUG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUGAUGGG	23432
7432	AGAAGAAA G UUGGACAG	4312	CUGUCCAA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUUCUUCU	23433
7446	CAGAUCAU G CUGAUCUU	4313	AAGAUCAG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUGAUCUG	23434
7456	UGAUCTUG G UGUCUCUA	4314	വഠവദേദ	23435
7458	AUCUUGGU G UCUCUAGO	4315	исселисьявая весвилявае исседе	23436
7465	UGUCUCUA G CUGCAGUA	4316	UACUGCAG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UAGAGACA	23437
7468	CUCUAGCU G CAGUAGUA	4317	GCCGUUAGGC UCCGGG	23438
7471	UAGCUGCA G UAGUAGUG	4318		23439
7474	CUGCAGUA G UAGUGAAC	4319	GUUCACUA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UACUGCAG	23440
7477	CAGUAGUA G UGAACCCG	4320	GCCGUUAGGC UCCGGG	23441
7485	D D D D	4321	accennagec uccees	23442
7489	ACCCGUCU G UGAAGACA	4322	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	23443
7498	UGAAGACA G UACGAGAA	4323	UNCUCEUA GAA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGUCUUCA	23444
7507	UACGAGAA G CCGGAAUU	4324	UCCGGG	23445
7525	UGAUCACG G CCGCAGCG	4325	UCCCUUCAAGGA GCCGUUAGGC UCCGGG	23446
7528	5	4326	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	23447
7531	CGGCCGCA G CGGUGACG	4327	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	23448
7534	CCGCAGCG G UGACGCUU	4328	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	23449
7539		4329		23450
7555	G CA	4330	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	23451
7559	ပ	4331	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	23452
7564	ဗ	4332	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	23453
7573	UUUGGAAC G CAACAACU	4333	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	23454
7582	CAACAACU G CCAUCGGA	4334	UCCCUUCAAGGA GCCGUUAGGC UCCGGG	23455
7595	CGGACUCU G CCACAUCA	4335	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	23456
7605		4336	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	23457
7607	CAUCAUGC G UGGGGGUU	4337	AACCCCCA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GCAUGAUG	23458

Table VII

	4339	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	23460
	4340		20104
aguaguu a ucaugucu		AGACAUGA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AACCAACC	23461
GUUGUCAU G UCUAUCCA	4341	UGGAUAGA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUGACAAC	23462
AAAAAGAG G UGGGGCAA	4342	UNGCCCCA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUCUUUU	23463
GAGGUGGG G CAAAAGGA	4343	UCCUUTUG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCCACCUC	23464
AAAAGGAC G CACCUUGG	4344	CCAAGGUG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GUCCUUUU	23465
UGGGAGAG G UUUGGAAA	4345	UNUCCAAA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUCUCCCA	23466
AAAGAAGA G UUCACUAG	4346	CUAGUGAA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCUUCUU	23467
UUCACUAG G UACCGCAA	4347	UNGCGGUA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUAGUGAA	23468
UAGGUACC G CAAAGAGG	4348	CCUCUTUG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GGUACCUA	23469
GCAAAGAG G CCAUCAUC	4349	CAUGAUGG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUCUUUGC	23470
UCAUCGAA G UCGAUCGC	4350	GCGAUCGA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUCGAUGA	23471
AGUCGAUC G CUCAGCGG	4351	CCGCUGAG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GAUCGACU	23472
AUCGCUCA G CGGCAAAA	4352	UNIVIGECE GEA GECEUVAGGE UCCEUVEAAGGA GECGUVAGGE UCCGGG VGAGCGAV	23473
GCUCAGCG G CAAAACAC	4353	GUGUUUUG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CGCUGAGC	23474
CAAAACAC G CCAGGAAA	4354	UUUCCUGG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GUGUUUG	23475
GAAAGAAG G CAAUGUCA	4355	UGACAUVG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUUCUUUC	23476
AAGGCAAU G UCACUGGA	4356	UCCAGUGA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUUGCCUU	23477
ACUGGAGG G CAUCCAGU	4357	ACUGGAUG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCUCCAGU	23478
GGCAUCCA G UCUCUAGG	4358	CCUAGAGA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGGAUGCC	23479
	4359	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	23480
	4360	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	23481
cogagade e coegocca	4361	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	23482
GAUGGCUG G UCGAACGG	4362		23483
GAACGGAG G UUUCUCGA	4363	UCGAGAAA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUCCGUUC	23484
UCGAACCG G UCGGAAAA	4364	UCCCUUCAAGGA GCCGUUAGGC UCCGGG	23485
UCGGAAAA G UGAUUGAC	4365	GUCAAUCA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUUUCCGA	23486
CCUUGGAU G UGGAAGAG	4366	GGA GCCGUUAGGC UCCCUUCAAGGA	23487
иваллала в светивеи	4367	ACCAACCG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUCUUCCA	23488
AAGAGGCG G UUGGUGUU	4368	AACACCAA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CGCCUCUU	23489
GGCGGUUG G UGUUACUA	4369	UAGUAACA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAACCGCC	23490
CGGUUGGU G UUACUAUA	4370	UAUAGUAA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACCAACCG	23491
	4371	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	23492
AAAAAGA G UCCAAGAA	4372	UNCUUGGA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCUUUUU	23493
UCCAAGAA G UCAGAGGG	4373	CCCUCUGA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUCUUGGA	23494
GUCAGAGG G UACACAAA	4374	UNUGUGUA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCUCUGAC	23495
CACAAAGG G CGGUCCCG	4375	COGGACCO GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCUUUGUG	23496
AAAGGGCG G UCCCGGAC	4376	GUCCEGER GER GCCGUURGEC UCCCUUCARGER GCCGUURGEC UCCEGE CECCCUU	23497
CAUGAAGA G CCCCAACU	4377	AGUUGGGG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCUUCAUG	23498

23499	$\vdash$	U 23501		G 23503				G 23507					C 23512	G 23513	Н			G 23517									7	1	_				G 23532		U 23534	H		A 23537
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AGGA GCCGITIAGGC	,		AGGA GCCGUUAGGC	AGGA GCCGUUAGGC		AGGA GCCGUUAGGC	AGGA GCCGUUAGGC		AGGA GCCGUUAGGC		AGGA GCCGUDAGGC	AGGA GCCGUUAGGC			1 1	, ,	AGGA GCCGUUAGGC		AGGA GCCGUUAGGC			,					AGGA GCCGUUAGGC											
DAGGC UCCCUICAAGGA		UAGGC UCCCUUCAAGGA	UAGGC UCCCUUCAAGGA	UAGGC UCCCUUCAAGGA	UAGGC UCCCUUCAAGGA	UAGGC UCCCUUCAAGGA		GCCGUUAGGC UCCCUUCAAGGA	GCCGUUAGGC UCCCUUCAAGGA	GCCGUUAGGC UCCCUUCAAGGA	UAGGC UCCCUUCAAGGA	UAGGC UCCCUUCAAGGA	GCCGUUAGGC UCCCUUCAAGGA	GCCGUUAGGC UCCCUUCAAGGA	GCCGUUAGGC UCCCUUCAAGGA	UAGGC UCCCUUCAAGGA	GCCGUUAGGC UCCCUUCAAGGA	UAGGC UCCCUUCAAGGA	GCCGUUAGGC UCCCUUCAAGGA	GCCGUUAGGC UCCCUUCAAGGA	GCCGUUAGGC UCCCUUCAAGGA	accennagge ucccuucaagga		GCCGUUAGGC UCCCUUCAAGGA	GCCGUDAGGC UCCCUUCAAGGA		ecceunagec ucccuucaagga			GCCGUUAGGC UCCCUUCAAGGA	VAGGC UCCCUUCAAGGA	acceuvage ucccuucaagea	GCCGUUAGGC UCCCUUCAAGGA					
ACTURIGO AGA GOOGHUAGGO	S S	AUCCAUAA GGA GCCGUUAGGC	CAUGGUGA GGA GCCGUUAGGC	CCACUCCA GGA GCCGUUAGGC	CACAUCCA GGA GCCGUUAGGC	GUAGAACA GGA GCCGUUAGGC	CUGUAGAA GGA GCCGUUAGGC	UCACAACA GGA GCCGU	UGUCACAA GGA GCCGU	GGGUGUCA GGA GCCGU	CGAUGUCA GGA GCCGUUAGGC	GACGAGGA GGA GCCGUUAGGC	GCACUUGA GGA GCCGU	ccucagea gga geegu	AACCUCAG GGA GCCGU	CUCUUCAA GGA GCCGUUAGGC	guccuang gga gccgu	UUCAAGGA GGA GCCGUUAGGC	guccucaa gga gccgu	ceguecae ega ecceu	ccucagua gan accau	vcccvvgg gga gccgv	CCUUCACG GGA GCCGUUAGGC	CACCUUCA GGA GCCGU	GCAGAGCA GGA GCCGU	GGGCAGAG GGA GCCGUUAGGC	UGUAGGGG GGA GCCGU		CUCUAVGA GGA GCCGV	UGGAGCAG GGA GCCGU	CGUUGGAG GGA GCCGUUAGGC	CAUACCGG GGA GCCGU	CCCCCAUA GGA GCCGU	GUUUCUGA GGA GCCGU	AUCUCGUG GGA GCCGU	ACCCAAUA GGA GCCGU	UCGACUCA GGA GCCGU	AAGCUCGA GGA GCCGU
14378 ACTI	1	4380 AUCC	4381 CAUG	4382 CCAC	4383 CACA	4384 GUAG	4385 CUGU	4386 UCAC	4387 UGUC	4388 GGGU	4389 CGAU	4390 GACG	4391 GCAC	4392 CCUC	4393 AACC	4394 CUCU	4395 GUCC	4396 UUCA	4397 GUCC	4398 CGGU	4399 CCUC	4400 UCCC	4401 CCUU	4402 CACC	4403 GCAG	4404 GGGC	4405 UGUA	4406 ACUU	4407 CUCU	4408 UGGA	4409 CGUU	4410 CAUA	4411 CCCC	4412 GUUU	4413 AUCU	4414 ACCC	4415 UCGA	4416 AAGC
נוספספטטון ט פו	G CAAA	A G UUAUGGAU		A G UGGAGUGG	SA G UGGAUGUG	AU G UGUUCUAC	3U G UUCUACAG	3A G UGUUGUGA	UUCUGAGU G UUGUGACA			ı	JC G UCAAGUGC		CGUCAAGU G CUGAGGUU	AG G UUGAAGAG	H G CAUAGGAC	3G G UCCUUGAA	JG G UUGAGGAC	GAGGACUG G CUGCACCG	GACUGGCU G CACCGAGG	ı	JU G CGUGAAGG		AG G VGCVCVGC	au a cucuacce			A G UCAUAGAG	A G CUGCUCCA	AUGGAGCU G CUCCAACG	AC G CCGGUAUG	CAACGCCG G DAUGGGGG	JG G UCAGAAAC	AC G CACGAGAU	AU G UAUUGGGU	UGUAUUGG G UGAGUCGA	UUGGGUGA G UCGAGCUU
ALIDA COCA ACTE	$\downarrow$	8033 AGUGCAAA	8050 GGAACAUU	8063 CAUGAAGA	8068 AGAGUGGA	8074 GAGUGGAU	8076 GUGGAUGU	8094 CCUUCUGA	8096 UUCUGAG	8099 UGAGUGUU	8114 CCUCCUUU	L	8133 GAGUCCUC	8138 CUCGUCAA	8140 CGUCAAG	8146 GUGCUGAG	8154 GUUGAAGA	8170 CGAUUCGG	8182 UUGAAAUG	8193 GAGGACU	8196 GACUGGC	8205 CACCGAGG	8219 GGAAUUUU	8221 AAUUUUGC	8227 GCGUGAAG	8229 GUGAAGGU	8234 GGUGCUC	8244 CCCUACAU	8251 UGCCGAAA	8268 AAGAUGGA	8271 AUGGAGO	8279 GCUCCAAC	8283 CAACGCC	8299 GGGGACUG	8328 AAUUCCAC	8337 CACGAGAU	8344 UGUAUUG	8348 UUGGGUG

CCUUCUGO GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC GUACUUCA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC
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AAACAUGG GGA GCCGUUAGGC
UCUUCAAA GGA GCCGUUAGGC
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9141	UUUCUGGA G UUCGAGGC	4499	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGA UCCAGAAA	23620
9148	AGUUCGAG G CUCUGGGU	4500		23621
9155	GECUCUGG G UUUUCUCA	4501	UGAGAAAA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCAGAGCC 23622	23622
9177	GACCACUG G CUUGGAAG	4502	CUUCCAAG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAGUGGUC 23623	23623
9203	AGGAGGAG G UGUCGAGG	4503	CCUCGACA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUCCUCCU	23624
9205	GAGGAGGU G UCGAGGGC	4504	GCCCUCGA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACCUCCUC	23625
9212	UGUCGAGG G CUUGGGCC	4505	GGCCCAAG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCUCGACA 23626	23626
9218	GGGCUUGG G CCUCCAAA	4506	UUJGGAGG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCAAGCCC 23627	23627
9233	AAAACUGG G UUACAUCC	4507	GRAUGUAA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCAGUUUU 23628	23628
9243	UACAUCCU G CGUGAAGU	4508	UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGGAUGUA	23629
9245	CAUCCUGC G UGAAGUUG	4509	CAACUUCA GGA GCCGUUNGGC UCCCUUCAAGGA GCCGUUNAGGC UCCGGG GCAGGAUG 23630	23630
9250	UGCGUGAA G UUGGCACC	4510	GGA	23631
9254	UGAAGUUG G CACCCGGC	4511	UCCCUUCAAGGA	23632
1926	GGCACCCG G CCUGGGGG	4512	CCCCCAGG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CGGGUGCC 23633	23633
9269	GCCUGGGG G CAAGAUCU	4513	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCCCAGGC	23634
9280	AGAUCUAU G CUGAUGAC	4514	GCCGUUAGGC UCCGGG AUAGAUCU	23635
9292	AUGACACA G CUGGCUGG	4515	CCAGCCAG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGUGUCAU 23636	23636
9536	CACAGCUG G CUGGGACA	4516	UGUCCCAG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAGCUGUG 23637	23637
9308	GGACACCC G CAUCACGA	4517	UCGUGAUG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GGGUGUCC 23638	23638
9319	UCACGAGA G CUGACUUG	4518	CAAGUCAG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCUCGUGA 23639	23639
9337	AAAUGAA G CUAAGGUG	4519	CACCUUAG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUCAUUUU 23640	23640
9343	ນອດນ	4520	GCCGUUAGGC UCCGGG CUUAGCUU	23641
9345	GCUAAGGU G CUUGAGCU	4521	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACCUUAGC	23642
9351	guectues e cuecuues	4522	UCAAGCAG GGA GCCGUIAGGC UCCCUUCAAGGA GCCGUIAGGC UCCGGG UCAAGCAC 23643	23643
9354	CUUGAGCU G CUUGAUGG	4523	CCAUCAAG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGCUCAAG   23644	23644
9372	GAACAUCG G CGUCUUGC	4524	GCAAGACG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CGAUGUUC 23645	23645
9374	g ucuuc	4525	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GCCGAUGU	23646
9379	agcanan a canagaca	4526	UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAGACGCC	23647
9385	UUGCCAGG G CCAUCAUU	4527	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCUGGCAA	23648
9396	AUCAUUGA G CUCACCUA	4528	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCAAUGAU	23649
9407	CACCUAUC G UCACAAAG	4529	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	23650
9415		4530	eccentrages uscentishages eccentrages usesse unusugas	23651
9418		4531	CACUTUCA GGA GCCGUIAGGC UCCCUUCAAGGA GCCGUIAGGC UCCGGG AACUTUGU 23652	23652
9424	UUGUGAAA G UGAUGCGC	4532	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUUCACAA	23653
9429	AAAGUGAU G CGCCCGGC	4533	GCCGUUAGGC UCCGGG	23654
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9439	GCCCGGCU G CUGAUGGA	4536	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGCCGGGC	23657
9454	GAAGAACC G UCAUGGAU	4537	AUCCAUGA GGA GCCGUIAGGC UCCCUICAAGGA GCCGUIAGGC UCCGGG GGUUCUUC 23658	23658

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4586	AGUGUCGC
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4589	GCCGUUAGGC UCCGGG UUAGCCAG
4590	GCCGUUAGGC UCCGGG AUAAGACU
4591	UCCGGG AUCUGGGC
4592	CACAUCUG
4593	GCCGUUAGGC UCCGGG AGCCACAU
4594	GCCGUUAGGC UCCGGG AGAAGCAG
4595	-
4596	CGCAGGUC
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4598	UCCGGG GUUGGCCA
4599	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAAUGGCG
4600	GCCGUUAGGC UCCGGG GGAGCAAA
4601	GCCGUUAGGC UCCGGG AGCGGAGC
4602	GCCGUUAGGC UCCGGG AGGGACAG
4603	CCAAUUCA
4604	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GUGGUUCU
4605	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CACGUGGU
4606	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUGGAUGG
4607	gga geoguuagge ueccuueaaga geoguuagge ueeggg ueueuue
4608	UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUGUCCUC
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4611	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACGGUUCC
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CCUGANUG G CACAAGAG         4619           GCACAAGA G CCCGAGCC         4620           GAGCCCGA G CCACGUGG         4621           CGAGCCAC G UGGCCAGA         4622           CCACGUGG G CAGAAAAC         4623           ACAIRCCAG G INGCTARIC         4624	cuctureng	GCCGUUAGGC	1 1	, ,	UCCGGG CAAUCAGG	22740
	0000000	200				75177
	GGCUCGGG GGA	GCCGUUAGGC	UCCCUUCAAGGA	GCCGUUAGGC U	uccede ucuueuec	23741
	CCACGUGG GGA	GCCGUUAGGC	UCCCUUCAAGGA		ncceee nceeecnc	23742
H	UCUGCCCA GGA	GCCGUUAGGC	исссиисалева	acceuvagec u	uccege engecuce	23743
H	GUUUUCUG GGA	GCCGUUAGGC	UCCCUUCAAGGA	accennages u	uccege ccaceuge	23744
	GAUAGCCA GGA	<b>GCCGUUAGGC</b>	UCCCUUCAAGGA	accevuages v	uccege cuegaugu	23745
G CUAUCAAC 4625	GUUGAUAG GGA	GCCGUUAGGC	UCCCUUCAAGGA	acceuvages u	uccege caccuega	23746
G UCAGAGCA 4626	UGCUCUGA GGA	A GCCGUUAGGC	UCCCUUCAAGGA	GCCGUUAGGC U	uccees unesunga	23747
G CAAUCAUC 4627		GCCGUUAGGC	UCCCUUCAAGGA			23748
G UAUGUGGA 4628	UCCACAUA GGA	GCCGUUAGGC	UCCCUUCAAGGA	acceuuaggc u	uccege uncucauc	23749
G UGGAUUAC 4629	GUAAUCCA GGA	A GCCGUUAGGC	UCCCUUCAAGGA	GCCGUUAGGC U	uccege Avacuucu	23750
UUACAUGA G UUCACUAA 4630		GCCGUUAGGC	UCCCUUCAAGGA			23751
CAACUUUG G UUGAGGAC 4631	GUCCUCAA GGA	GCCGUUAGGC	UCCCUUCAAGGA	GCCGUUAGGC U	UCCGGG CAAAGUUG	23752
G UACUGUAG 4632	CUACAGUA GGA	A GCCGUUAGGC	UCCCUUCAAGGA			23753
G UAGAUAUU 4633			UCCCUUCAAGGA			23754
G UPANUAGA 4634		A GCCGUUAGGC	UCCCUUCAAGGA	GCCGUUAGGC U	UCCGGG AAUUGAUU	23755
G UAUGCAUA 4635	UAUGCAUA GGA	GCCGUUAGGC	UCCCUUCAAGGA		uccege unauauue	23756
AUPAGUAU G CAUAAAAG 4636	COUTUMNG GGA	GCCGUUAGGC	UCCCUUCAAGGA	GCCGUUAGGC U	UCCGGG AUACUUAU	23757
G UGUAGUUU 4637	AAACUACA GGA	accennagec	UCCCUUCAAGGA	acceuvagec u	uccege ununaugc	23758
G UAGUUUUA 4638	UAAAACUA GGA	GCCGUUAGGC	UCCCUUCAAGGA	accentrages to		23759
g uuuvauag 4639		1 ' '	UCCCUUCAAGGA		uccege uacacum	23760
	AAAUACUA		UCCCUUCAAGGA		UCCGGG UAUAAAAC	23761
G UAUUUAGU 4641	ACUAAAUA	GCCGUUAGGC	<b>ОСССООСААВВА</b>		UCCGGG UACUAUAA	23762
G UGGUGUUA 4642	UAACACCA	GCCGUUAGGC	UCCCUUCAAGGA			23763
	CACUAACA		UCCCUUCAAGGA			23764
G UUAGUGUA 4644	UACACUAA GGA	A GCCGUUAGGC	UCCCUUCAAGGA		UCCGGG ACCACUAA	23765
G UGUAAAUA 4645			UCCCUUCAAGGA	GCCGUUAGGC U	UCCGGG UAACACCA	23766
G UAAAUAGU 4646	ACUAUUUA		UCCCUUCAAGGA		UCCGGG ACUAACAC	23767
G UUAAGAAA 4647	DUTCUUAA GGA		UCCCUUCAAGGA		UCCGGG UAUUUACA	23768
G UCAGGCCG 4648	CGGCCUGA GGA	GCCGUUAGGC	UCCCUUCAAGGA	GCCGUUAGGC U	ucceee uuucuccu	23769
G CCGGGAAG 4649	CUUCCCGG GGA	A GCCGUUAGGC	UCCCUUCAAGGA	GCCGUUAGGC U	uccese cusacum	23770
G UUCCCGCC 4650	GGCGGGAA GGA	A GCCGUUAGGC	UCCCUUCAAGGA	accennages u	තරයයෙ භාරයයයෙ	23771
G CCACCGGA 4651		A GCCGUUAGGC	UCCCUUCAAGGA	GCCGUUAGGC U	uccege eggaacuu	23772
G UUGAGUAG 4652		A GCCGUUAGGC	UCCCUUCAAGGA	accennages u	uccege uncceene	23773
G UAGACGGU 4653	ACCGUCUA GGA	A GCCGUUAGGC	UCCCUUCAAGGA	acceuvaggc u	uccege ucaacuuc	23774
AGUAGACG G UGCUGCCU 4654	AGGCAGCA GGA	GCCGUUAGGC	UCCCUUCAAGGA	ecceunagec u		23775
cueccuec 4655		GCCGUUAGGC	UCCCUUCAAGGA		. 1	23776
CCUGCGAC 4656	GUCGCAGG GGA	A GCCGUUAGGC	UCCCUUCAAGGA	occeuvagec u	uccege aggacceu	23777
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GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGCUUCAG	UCCGGG CUACAGCU	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUCUAGUC	GCCGUUAGGC UCCGGG UAACCUCU	uccese esecuenc		accennage accede agamaga	UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGAAGAUC		ນດອນນອນຕ	UCCCUUCAAGGA GCCGUUAGGC UCCGGG CGUGUGGC		ACUGUGCC	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GCACUGUG	CAUUGUCG	UCCCUUCAAGGA GCCGUUAGGC UCCGGG CACCAUUG	GCCGUUAGGC UCCGGG CAGCCACC	UCCCUUCAAGGA GCCGUUAGGC UCCGGG CACCAGCC	UCCCUUCAAGGA GCCGUDAGGC UCCGGG ACCACCAG	UCCGGG ACACAGGC	AGCUCACA	UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACAAACAC	UCCGGG UCACAAAC	UCCGGG CUCACAAA	GCACUGUG	GUGCUAAG	ucceee uuceuecu	UCCCUUCAAGGA GCCGUUAGGC UCCGGG GAGAUCUU	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUAGACAU	accennage uccees usenucu	GCCGUUAGGC UCCGGG CUGGUUUC	иссеве иссивени	uccese cuccuseu	UCCCUUCAAGGA GCCGUUAGGC UCCGGG GGGCCCUC	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUGCCGGG	accennagec uccege gecucing	CGGCUCUU	GCGUUUUA	accennage uccega ceceunu	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAGGACAA
CUGACCUA	UCCCCUGA	UCCACUAA	GGUCUCCA	UUGUGGCA	UNUVEUGG (	UCAAUAUG (	GUGCAGAG (	UGGUUGUG (	ccenence	GCACUGUG (	UCGGCGCA	DGDCGGCG (	AUUGUCGG (	ACCAGCCA	ACCACCAG (	UCGCACCA	UUCUCGCA	Dennance	UGUCAGCU	AAGUUUGU (	UNAAUCCU	UGUUAAUC	UUGUUAAU	AAACAGCU (	GAGAUCUU	AUCGAGAU				CGGGCCCU	22555225	naccaeec	acucunec (		UGACAGCC	UUGACAGC (	GGGCAUUC	GGGGCAUU	AGUCCAAU
4698	4699	4700	4701	4702	4703	4704	4705	4706	4707	4708	4709	4710	4711	4712	4713	4714	4715	4716	5462	5463	5464	5465	5466	5467	5468	5469	5470	5471	5472	5473	5474	5475	5476	5477	5478	5479	5480	5481	5482
CUGAAGCU G UAGGUCAG	AGCUGUAG G UCAGGGGA	GACUAGAG G UUAGUGGA	AGAGGUUA G UGGAGACC		GACCCCGU G CCACAAAA	ACAAAACA G CAUAUUGA	GAUCTUCT G CUCUGCAC	UCUGCUCU G CACAACCA	CACAACCA G CCACACGG	GCCACACG G CACAGUGC	ACGGCACA G UGCGCCGA	GGCACAGU G CGCCGACA	CACAGUGC G CCGACAAU	CGACAAUG G UGGCUGGU	CAAUGGUG G CUGGUGGU	GGUGGCUG G UGGUGCGA	GGCUGGUG G UGCGAGAA	CUGGUGGU G CGAGAACA	GCCUGUGU G AGCUGACA	UGUGAGCU G ACAAACUU	GUGUUUGU G AGGAUUAA	GUUUGUGA G GAUUAACA	UUUGUGAG G AUUAACAA	CACAGUGC G AGCUGUUU	CUUAGCAC G AAGAUCUC	AGCACGAA G AUCUCGAU	AAGAUCUC G AUGUCUAA		AGAAACCA G GAGGGCCC	GAAACCAG G AGGGCCCG	AACCAGGA G GGCCCGGC	ACCAGGAG G GCCCGGCA	ı		CAAGAGCC G GGCUGUCA	AAGAGCCG G GCUGUCAA	UAAAACGC G GAAUGCCC	AAAACGCG G AAUGCCCC	UNGUCCUU G AUUGGACU
10860	10864	10883	10887	10898	10900	10924	10960	10965	10974	10982	10987	10989	10991	11001	11004	11008	11011	11013	17	22	43	45	46	20	87	8	96	105	112	113	115	116	121	126	131	132	154	155	177

23859	23860	23861	23862	23863	23864	23865	23866	23867	23868	23869	23870	23871	23872	23873	23874	23875	23876	23877	23878	23879	23880	23881	23882	23883	23884	23885	23886	23887	23888	23889	23890	23891	23892	23893	23894	23895	23896	23897	23898
GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAUCAAGG	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAAUCAAG	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGUCCAAU		GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCUUCAGU	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUCUUCAG	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AACAUAGC	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGGCUCAA	UCCGGG GAUCAGGC	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GUCGAUCA	uccege meccenc	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUUGCCGU	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCUUGCCG	UCCCUUCAAGGA GCCGUUAGGC UCCGGG GUAUUGGC	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AACACAAA	AAGAGAGC	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGAAGAAC	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GGAGCAAU	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GGGUCGGA	UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGCACUGC		UCCGGG GAUCCAGC	GCCGUUAGGC UCCGGG AUCGAUCC	UCCCUUCAAGGA GCCGUDAGGC UCCGGG CAUCGAUC	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCCAUCGA			UCCCUUCAAGGA GCCGUUAGGC UCCGGG	UCCCUUCAAGGA GCCGUUAGGC UCCGGG	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGAAGGUG		UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUCUUAAA	CUUCUUAA	uccege uaguuccu	CUAGUUCC	accentrages ucceed	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAGGUCCC		accounage uccaga accaama	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CGCCGAUU
		<b>අදුදුදුරු</b>	AUAGCCCU G	ACAUAGCC G	AACAUAGC G	AUCAGGCU G	CCGUCGAU G	CUUGCCGU G	SCCCUUGC G	AUUGGCCC G	UAUUGGCC G	GUAUUGGC G	ACACAAAU G	AAGAGAGC G	AAGAACGC G	CUGUGAAC G		GCACUGCU G	CAUCGAUC G	CCAUCGAU G	CUCUCCAU G	CACCUCUC G	ACACCUCU G	UCACACCU G	GUUCACAC G	ueuweuw G	ගලගගයෙන ශ			AGUUCCUU G	CCUAGUUC G	CCCUAGUU G	CAAGGUCC G	UCAAGGUC G	GUCAAGGU G	GCACUGGU G	AGCUCCGC GR	UNGAGCUC G	UUUGAGCU G
5483	5484	5485	5486	5487	5488	5489	5490	5491	5492	5493	5494	5495	5496	5497	5498	5499	5500	5501	5502	5503	5504	5505	5506	5507	5508	5509	5510	2211	5512	5513	5514	5515	2516	5517	5518	5519	5520	5521	5522
	CUUGAUUG G ACUGAAGA	AUUGGACU G AAGAGGGC	GGACUGAA G AGGGCUAU	ACUGAAGA G GGCUAUGU	CUGAAGAG G GCUAUGUU	GCUAUGUU G AGCCUGAU	UUGAGCCU G AUCGACGG	GCCUGAUC G ACGGCAAG	UGAUCGAC G GCAAGGGG	GACGGCAA G GGGCCAAU	ACGGCAAG G GGCCAAUA	CGGCAAGG G GCCAAUAC	GCCAAUAC G AUUUGUGU	സ്വരാഭവ ഭ ഭവവാവാ	есисисии в всвинсии	GUUCUUCA G GUUCACAG		UCCGACCC G AGCAGUGC	GCAGUGCU G GAUCGAUG	CAGUGCUG G AUCGAUGG	GCUGGAUC G AUGGAGAG		GAUCGAUG G AGAGGUGU	UCGAUGGA G AGGUGUGA	GAUGGAGA G GUGUGAAC	AGAGGUGU G AACAAACA	CAAACAGC G AUGAAACA				UUUAAGAA G GAACUAGG	Q	တ		GAACUAGG G ACCUUGAC	GGGACCUU G ACCAGUGC	UAUCAAUC G GCGGAGCU	CAAUCGGC G GAGCUCAA	AAUCGGCG G AGCUCAAA
181	182	186	189	191	192	201	207	211	214	219	220	221	230	240	249	260	279	284	294	562	589	302	303	305	307	312	327	330	342	351	354	355	196	362	363	369	386	389	390

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105	ANACANA G AAAAGAGG	5523	CCUCITUTO GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUUUGUUU 23	23899
410	G AGG	5524	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUUUCUUU	23900
412	G GAG	5525	UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCUUUUCU	23901
413	AGG	5526	accennage uccege cucunuc	23902
415	AAAGAGGA G GAAAGACC	5527	uccess uccucum	23903
416	AAGAGGAG G AAAGACCG	5528		23904
420	O	5529	uccasa unuccucc	23905
424	G GAA	5530	accennagae uccaga gaucunuc	23906
425	AAAGACCG G AAUUGCAG	5531	ගරයයෙ පෙහෙරගග	23907
438	GCAGUCAU G AUUGGCCU	5532	UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUGACUGC	23908
442	UCAUGAUU G GCCUGAUC	5533	GCCGUUAGGC UCCGGG AAUCAUGA	23909
447	G AUC	5534	UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGGCCAAU	23910
460		5535	GCCGUUAGGC UCCGGG UACGCUGG	23911
461	O	5536	uccees cuacecus	23912
487	ACUUCCAA G GGAAGGUG	5537	иссепиславая вссвийавае иссвав инвалави	23913
488	CUUCCAAG G GAAGGUGA	5538	UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUUGGAAG	23914
489	UUCCAAGG G AAGGUGAU	5539	GGA GCCGUDAGGC UCCCUUCAAGGA GCCGUDAGGC UCCGGG CCUUGGAA	23915
492	CAAGGGAA G GUGAUGAU	5540	accentrage uccede utcccute	23916
495	GGGAAGGU G AUGAUGAC	5541	UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACCUUCCC	23917
498	AAGGUGAU G AUGACGGU	5542	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUCACCUU	23918
501	GUGAUGAU G ACGGUAAA	5543	UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUCAUCAC	23919
504	AUGAUGAC G GUAAAUGC	5544	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GUCAUCAU	23920
517	AUGCUACU G ACGUCACA	5545	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGUAGCAU	23921
526	ACGUCACA G AUGUCAUC	5546	accennagge uccege ugugaceu	23922
537	GUCAUCAC G AUUCCAAC	5547	accentrage uccege engangre	23923
553	CAGCUGCU G GAAAGAAC	5548	UCCGGG AGCAGCUG	23924
554	AGCUGCUG G AAAGAACC	5549	accentrage uccege cageractu	23925
558	GCUGGAAA G AACCUAUG	5550	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUUCCAGC	23926
575	မြို့	5551	accennagge uccege ugacaaug	23927
582	AGAGCAAU G GAUGUGGG	5552	UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUUGCUCU	23928
583	GAGCAAUG G AUGUGGGA	5553	UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAUUGCUC	23929
588	AUGGAUGU G GGAUACAU	5554	UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACAUCCAU	23930
589	GAU	5555	CACAUCCA	23931
590	G AUA	5556	acceuvages uccourcaagea ecceuvages uccege ccacauce	23932
601	ACAUGUGC G AUGAUACU	5557	UCCCUUCAAGGA GCCGUUAGGC UCCGGG GCACAUGU	23933
604	UGUGCGAU G AUACUAUC	5558	GCCGUUAGGC UCCGGG AUCGCACA	23934
619	UCACUUAU G AAUGCCCA	5559	UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUAAGUGA	23935
636	evecuenc e ecueenaa	5560	UCCCUUCAAGGA GCCGUUAGGC UCCGGG GACAGCAC	23936
640	UGUCGGCU G GUAAUGAU	5561	UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGCCGACA	23937
646	CUGGUAAU G AUCCAGAA	5562	UNCUGGAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUUACCAG	23938

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AUCCAGAN O ACRUCGAN         5564         CUICAGAUJO GAS GECCUTUAGGO CUCCUTUCAAGGA GECCUTUAGGO CUCCUGO           AUGCAGAN O ACRUCGAN         5566         CUACAGAG GAS GECCUTUAGGO CUCCUTUCAAGGA GECCUTUAGGO CUCCUTUCAAGGA GECCUTUAGGO CUCCAGGO CUCAGGO C	652	AUGAIICCA G AAGACAIIC	5563	CANTENCTU GGA GCCGUIAGGC UCCCUICAAGGA GCCGUIAGGC UCCGGG UGGAUCAU 235	23939
AAGACHUTO G ACUERUNGG         5565         CCAA,CAGTU GBA GECGUINAGG         UCCCUTCAAAGBA GECGUINAGG         UCCCUTCAAAGBA GECGUINAGG         UCCCUTCAAAGBA GECGUINAGG         UCCGUUCAAGBA GECGUINAGG         UCCCUUCAAGBA GECGUINAGG         UCCCUUCAAGBA GECGUINAGG	1,0	AUCCAGAA G ACAUCGAC	5564	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUCUGGAU	23940
CUANCIDEND G GROCACADA 5566 UTUCUCANO GBA GECGUINAGGE UCCCUTCAAGBA GECGUINAGGE UCCOGO COAGGA COAGGAGA GECGUINAGGE UCCCUTCAAGBA GECGUINAGGE UCCCGGA AGACACAC G AACAGACAC S 5573 GUACACCC GBA GECGUINAGGE UCCCUTCAAGBA GECGUINAGGE UCCCUTCAAGBA GECGUINAGGE UCCCUTCAAGBA GECGUINAGGE UCCCUTCAAGBA GECGUINAGGE UCCCUTCAAGBA GECGUINAGGE UCCCUTCAAGBA GECGUINAGGE UCCCGGA AGACACAC G AACAGACAC S 5573 GUACACCC GBA GECGUINAGGE UCCCUTCAAGBA GECGUINAGGE UCCCGGA AGACACAC G AACAGACAC S 5573 GUACACCC GBA GECGUINAGGE UCCCUTCAAGBA GECGUINAGGE UCCCUTCAAGBA GECGUINAGGE UCCCGGA AGACACAC G AACAGACAC S 5573 GUACACCC GBA GECGUINAGGE UCCCUTCAAGBA GECGUINAGGE UCCCUTCAAAGBA GECGUINAGGE UCCCUTCAAGBA GECGUINAGGE UCCCUTCAAGBA GECGUINAGGE UCCCUTCAAGBA GECGUINAGGE UCCCUTCAAGBA GECGUINAGGE UCCCUTCAAGBA	-		5955	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GAUGUCUU	23941
CUAGODUD, O GINUNGAAA         5567         UNCOLUNC GAA GECGUUAGGE UCCCUUCAAGAA GECGUUAGGE UCCCUCAAGAA GECGUUAGGE UCCCGUUAAGAA GECGUUAGGE UCCCGUUAAGAA GECGUUAGGE UCCCUUCAAGAA GECGUUAGGE UCCCUCAAGAA GECGUUAGGE UCCCUUCAAGAA GEGGUUAGGE CUCCCUUCAAGAA GEGGUUAGGA GECCUUAGGE UCCCUUCAAGAA GEGCUUAGAACA GEGUUAGGA GECCUUAGGE UCCCUUCA	8		5566	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AACAGUCG	23942
UCAGGUADO G AAAGANDEC         5558         UCAGGUADOR GAA         GCCGUUMAGGA COCCURAAGAA GCCGUUMAGGA COCCUUMAGGA GCCGUUMAGGA COCCUUMAGGA GCCGUUMAGGA COCCUUMAGGA GCCGUUMAGGA COCCUUMAGGA GCCGUUMAGGA COCCUUCAAGAA GCCGUUMAGGA COCCUUMAGGA GCCGUUMAGGA COCCUUMAGGA GCCGUUMAGGA GCCGUUMAGGA COCCUUMAGGA GCCGUUMAGGA COCCUUMAGGA GCCGUUMAGGA COCCUUMAGGA GCCGUUMAGGA COCCUUMAGGA GCCGUUMAGGA GCCGGUUMAGGA GCCGGUUMAGGA GCCGGUUMAGGA GCCGGUUMAGGA GCCGGUUMAGGA GCCCGUUMAGGA GCCGGUUMAGGA GCCCGUUMAGGA GCCCGUUMAGGA GCCGUUMAGGA GCCGGUUMAGGA GCCCGUUMAGGA GCCGGUUMAGGA GCCCGUUMAGGA GCCGC	5	G GUAL	5567	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGACGUAG	23943
CAGAGURA G AAGANUCCA         5559         UGCUNUTU GA GCCGUUAGGG CUCCUCAAAGAA GCCGUUAGGG UCCCUCAAAGAA GCCGUUAGGG UCCCUCAAAGAA GCCGUUAGGG UCCCUCAAAGAA GCCGUUAGGG UCCCUCAAAGAA GCCGUUAGGG UCCCUCCAAA GCCGUUAGGA GCCGUUAGGG UCCCUCCAAAA GCCGUUAGGG UCCCUCCAAAAAA GCCGUUAGGA GCCGUUAGGG UCCCUCCAAAAAA GCCGUUAGGA GCCGUUAGGG UCCCUCCAAAAAAA GCCGUUAGGA GAAAAAAAAA GAAAAAAAAA GAAAAAAAAA	0		5568	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUACCUGA	23944
UBGROCHA G ALGEORCE   S171			5569	GGA GCCGUVAGGC UCCCUUCAAGGA GCCGUVAGGC UCCGGG CAVACCUG	23945
UBCRACCAA G ACACGCCA         5571         UGGCODDU GGA GCCCUULAAGAA GCCGUULAAGA GCCGUULAAGA         GCCGUULAAGA         GCCGUULAGGC         CCCACUCAAGAA         GCCGUULAGGC         CCCACUCAAGAA         GCCGUULAGGC         CCCCUCAAGAA         GCCGUULAGGC         CCCCUCAAGAAA         GCCGUULAGGC         CCCCUCAAGAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA	4	GUAUGGAA G AUGCACCA	5570	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUCCAUAC	23946
CCRCUCAR G ACCURAN G ACCURANCE   5572   GRACUGOGU GRA GCCGUURAGG UCCCUUCAAGAA GCCGUURAGG UCCGGGG ACCAGACA GAGGGGUCACU G SAGGUCACU G SAGGAGA GCCGUURAGG UCCCUUCAAGAA GCCGCUURAGG UCCCUUCAAGAA GCCGUURAGG UCCCUUCAAGAA GCCGUURAGG UCCCUUCAAGAA GCCGUURAGG UCCCUUCAAGAA GCGCGUURAGG UCCCUUCAAGAA GCGCUURAGG UCCCUUCAAGAA GCGCGUURAGG UCCCUUCAAGAA GCACCAAA GGCGUURAGG CCCCUUCAAGAA GCCCUUCAAGA GCCGUURAGG UCCCUUCAAAGA GCGCGUURAGG CCCUUCAAAAA GACACCAA GGCGCUUAAGA GCCCUURAGAA GCCCUUCAAAA GGCGCCUUAAGA GCCCUUCAAAA GGCCCUURAGAA GGCCCUUCAAAA GGCCCUURAGAA GCCCUUCAAAA GGCCCUUCAAAA GGCCCUUCAAAA GGCCCUUCAAAA GGCCCUUCAAAA GGCCCUUCAAAA GGCCCUUCAAAAA GGCCCCCCCCCC	4		5571	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUGGUGCA	23947
ACCORDED G GAGGUCAC   5573   GUGAACCUC GAA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGGUCAGG AGGCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGGUCAGG AGGUCAGGA GCCGUUAGGC UCCUUCAAGGA GCCGUUAGGC UCCUUCAAGGA GCCGUUAGGC UCCGGG AGGUCAGG GCGGUUAGGC UCCUUCAAGGA GCCGUUAGGC UCCUUCAAGGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCUUCAAGGA GCCGUUAGGC UCCGGG AACAAGAA G GAGAACAC SS81 UUCUUCU GAA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AACAAGAA G GAGAACAC SS81 UUCUUCU GAA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AACAAGAA G GAGCUUGAG GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGUUAGGC UCCGUUAGGC UCCGUUAGGC UCCGUUAGGC UCCCUUCAAGAA G GAGCUUGA G AACAAGAA G GACUUCAGA G GCCGUUAGGC UCCUUCAAGA G GACUUCAAG G GACUUCAA G GACUUCAAG G GCCUUAGAC G GCCGUUAGGC UCCUUCAAGA G GACUUCAA G GACUUCAA G GACUCAAA G GACUCAAA G GACUCAAA G GACCAAC G GACUCAAA G GACCAAC G GACUCAAA G GACCAAC G GACUCAAA G GACCAAAC G GACUCAAA G GACCAAAC G GACUCAAA G GACCAAAC G GACUCAAA G GACCAAA G GACCAAAA G GACCAAAA G GACCAAAA G GACCAAAA G GACCAAAA G GACAAAAA G GACCAAAA G GACCAAAA G GACCAAAA G GACCAAAA G GACCAAAA G GACAAAAA G GACCAAAA G GACCA	82	1	5572	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUGAGUGG	23948
CGCAGUIGG G AGGUCACU  GAGUCGAA G GACGULAGG  GAGUCGAA G ACACACAG  S575 UCACACAG  GAGUCGAA G ACACACAG  AACACACAG  GACACACAG  GACACACAC	37	,	5573	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GACUGCGU	23949
CAGUCCGA G GUCACUGA         5575         UCAGUCGA GOA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGGGAGAGGGGGGGGGG	38		5574	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CGACUGCG	23950
AGGUCACU G ACAGUGGA         5576         UGCACUGU GAA         GCCGUUAGGC         UCCUGUUAGGC         UCCGUUAGGC         U	e e	CAGUCGGA G GUCACUGA	5575	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCCGACUG	23951
ACRGURCA G ACACAGG         5577         CCGUGUUGGG GGA GCCGUUAGGC UCCCUCAAGGA GCCGUUAGGC UCCGUGAGGA CACAULAGGA GCGGUUAGGC UCCGGGG GAGAAGCA GGAAAGCA GGAAAAGA GGAAAAAGA GGAAAAGA GGAAAAGA GGAAAAGA GGAAAAGA GGAAAAAGA GGAAAAAGA GGAAAAAA	47	AGGUCACU G ACAGUGCA	5576	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGUGACCU	23952
AGRICACHO G GAGAAAGC         5578         GCUUUCUC GGA GCGUUAGGC UCCCUUCAAGGA GCGGUUAGGC UCCGUCAAGGA           GACACACO G AGAAAGCA         5579         UGCUUUCU GAA GCGCUUAGGC UCCCUUCAAGGA GCGGUUAGGC UCCGGGG           ACACAGGA G AGAAAGCA         5581         UGCUUUU GAA GCGGUUAGGC UCCCUUCAAGGA GCGGUUAGGC UCCGGGG           ACAAAGAA G AAGGGGC         5581         UUCUUGUU GAA GCGGUUAGGC UCCCUUCAAGGA GCGGUUAGGC UCCGGGG           ACAAAGAA G AAGGGGC         5582         CAAGCCC GAA GCCGUUAGGC UCCCUUCAAGGA GCGGUUAGGC UCCGUUCAAGGA GCGGUUAGGC UCCGUUCAAGGA GCGGUUAGGC UCCGUUCAAGGA GCGGUUAGGC UCCGUUCAAGGA GCGGUUAGGC UCCGUUCAAGGA GCGGUUAGGC UCCGGGG GGGGGCUU G GAUGACAC GAA GCCGUUAGGC UCCCUUCAAGGA GCGGUUAGGC UCCGGGG GGGGGCUU G GAUGACAC GAA GCCGUUAGGC UCCCUUCAAGGA GCGGUUAGGC UCCGUUCAAGGA GCGGUUAGGC UCCGUUCAAGGA GCGGUUAGGC UCCGUUCAAGGA GCGGUUAGGC UCCGUUCAAGGA GCGGUUAGGC UCCGUCAGGA GCGGUUAGGC UCCCUUCAAGGA GCGGUUAGGC UCCGUUCAAGGA GCGGUUAGGC UCCGUUCAAGGA GCGGUUAGGC UCCCUUCAAGGA GCGGUUAGGC UCCCUUCAAGGA GCGGUUAGGC UCCGUUCAAGGA GCGGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGUUCAAGGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGUUCAAGGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGUUCAAGGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGUUAGGA GCCGUUAGGC UCCGUUAGAGA GCCGUUAGGC UCCGUUAGAGA GCCGUUAGGC UCCGUUAGGA GCCGUUAGGC UCCGUUAGGA GCCGUUAGGC UCCGUUAGGA GCCCUUCAAGGA GCCGUUAGGC UCCGGG GGCCACAA G GUUAUUUG G GACACACA G GUUAUUUG G GACACACA G GUUAUUUG G GACACACA G GUUAUUCAA G GCCUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGUUAGGA GCCGUUAGGC UCCGUUAGGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGUUAGGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCCUUCAAGA GCCGUUAGGC CCCACACAC G GACCCUUCAA G GUUAUUCAA G GUUAUUCAA G GUUAUCAC G GACCCUUCAA G GUUAUCAC G GACCCUUCAA	26		5577	gga gccguuaggc ucccuucaagga gccguuaggc uccggg ugcacugu	23953
GACACACO G AGAAAGCA         5579         UGCUUUCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAAGGA CUCCUUCAAGGA GCCGUUAAGGA UCCGGGG           CACACGGA G AACAAGAA         5580         AGUGCUUUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAAGGA GCCGUUAAGGA GCCGUUAAGGA GCCGUUAAGGA GCGGUUAAGGA GCGCUUAAGGA GCGCUUAAGGA GCGUUAAGGA GCGUUAAGGA GCGCUUAAGGA GCCGUUAAGGA GCGCUUAAGGA GCGCUUAAGGA GCGCUUAAGGA GCGCUUAAGGA GCGCUUAAGGA GCGCUUAAGGA GCGCUUAAGGA GCGCUUAAGGA GCCGUUAAGGA GCCGUUAAGGA GCCGUUAAGGA GCGCUUAAGGA GCGCUUAAGGA GCGCUUAAGGA GCCGUUAAGGA GCCGUUAAGGA GCCGUUAAGGA GCCGUUAAGGA GCCGUUAAGGA GCCGUUAAGGA GCCCUUCAAAGA GCCGUUAAGGA GCCGUUAAGA GCCGUUAAGGA GCCGUUAAGA GCCGUUAAGA G	33		5578	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GUGUGUCU	23954
CACACOGGA         GAGUECUU GGA         GCCGUUNAGC         UCCUUCUAGU         GACCAUNAGAA         S581         VUCUUGUU GGA         GCCGUUNAGC         UCCUUCAAGGA         GCCGUUNAGC         UCCUUCAAGGA         GCCGUUNAGC         UCCUUCAAGGA         GCCGUUNAGC         UCCUCCUCAAGGA         GCCGUUNAGC         UCCUCCUCAAGAA         GCCGUUNAGC         UCCUCCUCAAGAA         GCCGUUNAGC         UCCUCCUCAAGAA         GCCGUUNAGC         UCCUCCUCAAGAA         GCCGUUNAGCA         UCCUCCUCAAGAA         GCCGUUNAGCA         UCCUCCUCAAGAA         GCCGUUNAGCA         UCCUCCUCAAGAA         GCCGUUNAGCA         UCCUCCUCAAGAA         GCCGUUNAGCA         UCCUCCUCAAGAA         GCCGUUNAGCA         UCCUCCUCAAACAAAAAAAAAAAAAAAAAAAAAAAAAA	54		5579	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CGUGUGUC	23955
ACUCUNGC G AACAAGAA         5581         UNCUUGUU GGA GCCGUUNGGC UCCCUUCAAGGA GCCGUUNGGC UCCCUUCAAGGA GCCGUUNGGC UCCGUUCAAGGA GCCGUUNGGC UCCGUUCAAGGA GCCGUUNGGC UCCCUUCAAGGA GCCGUUNGGC UCCGUUNGGC UCCCUUCAAGAC GCCGUUNGGC UCCCUUCAAGAC GCCGUUNGGC UCCCUUCAAGGA GCCGUUNGGC UCCCUUCAAGAC GCCGUUNGGC UCCGUUNGGC UCCCUUCAAGAC GCCGUUNGGC UCCCUUCAAGAC GCCGUUNGGC UCCGUUNGGC CCCUUCAAGAC GCCGUUNGGC UCCCUUCAAGAC GCCGUUNGGC UCCCUUCAAGAC GCCGUUNGGC UCCGGUUNGGC UCCCUUCAAGAC GCCGUUNGGC UCCCUUCAAGAC GCCGUUNGGC UCCGUUNGGC UCCGUUNGGC UCCCUUCAAGAC GCCGUUNGGC UCCCUUCAAGAC GCCGUUNGGC UCCCUUCAAGAC GCCGUUNGGC UCCGUUNGGC UCCCUUCAAGAC GCCGUUNGGC UCCCUUCAAGAC GCCGUUNGGC UCCCUUCAAGAC GCCGUUNGGC CCCUUCAAGAC GCCGUUNGGC UCCCUUCAAGAC GCCGUUNGGC UCCCUUCAAGAC GCCGUUNGGC CCCUUCAAGAC GCCGUUNGGC CCCUUCAAGAC GCCGUUNGGC CCCUUCAAGAC GCCGUUNGGC CCCUUCAAGAC GCCGUUNGGC CCCUUCAAGAC G	99		5580	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCCGUGUG	23956
GCGAACAA G AAGGGGC         5582         GCCCCCUU GAA GCCGUUAGGC UCCCUCAAGGA GCGGUUAGGC UCCGUCAAGGA GCGGUUAGGC UCCGGGA           AACAAGAA G GGGGCUUG         5583         CAAGCCCC GAA GCCGUUAGGC UCCCUUCAAGGA GCGGUUAGGC UCCGUUAGGA GCGGUUAGGC UCCGGGA           AACAAGAAG G GGGUUGGA         5584         CCAAGCCC GAA GCGCUUAGGC UCCCUUCAAGGA GCGGUUAGGC UCCGUUCAAGGA GCGGUUAGGC UCCGUUAGGC UCCGUUCAAGGA GCGGUUAGGC UCCCUUCAAGGA GCGGUUAGGC UCCGUUCAAGGA GCGGUUAGGC UCCGUUCAAGGA GCGGUUAGGC UCCGUUCAAGGA GCGGUUAGGC UCCGUUCAAGGA GCGGUUAGGC UCCGUUCAAGGA GCGGUUAGGC UCCGUUAGGC UCCGUUCAAGGA GCGGUUAGGC UCCGUUCAAGGA GCGGUUAGGC UCCGUUAGGC GCGUUAGGC UCCGUUAGGA GCGGUUAGGC UCCCUUCAAGGA GCGGUUAGGC UCCGUUAGGC UCCGUUAGGC UCCGUUAGGC UCCGUUAGGA GCGGUUAGGC UCCCUUCAAGAA G GACCCUUCAAGAA G GACCAUCAAGAA G GACCAUAAAA G GACCAUAAAA G GACCAUAAAAA G GACCAUAAAA G GACCAUAAAAA G GACCAUAAAAA G G	စ္က	ACUCUAGO G AACAAGAA	5581	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GCUAGAGU	23957
ACAAGAA G GGGGCUUGG 5583 CAAGCCC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGUCCAAGGA GCCGUUAGGC UCCGUCCAAGGA GCCGUUAGGC UCCGUUCAAGGA GCCGUUAGGC UCCGUCCAGGA GCCGUUAGGC UCCGUUCAAGGA GCCGUUAGGC UCCGGG GCCGUUAGGC UCCGUUCAAGGA GCCGUUAGGC UCCGGG GCCCUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GCCCCUUCAAGGA GCCGUUAGGC UCCGGG GCCCCUUCAAGGA GCCGUUAGGC UCCGUUCAAGGA GCCGUUAGGC UCCGGG GCCCCACAAG GCCCUUAGGC GCA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GCCCCUUCAAGGA GCCGUUAGGC UCCGGG GCCCCUUCAAGGA GCCGUUAGGC UCCGGG GCCCCUUCAAGGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGUUCAAGGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCCUUCAAGA GCCGUUAG	98		5582	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUGUUCGC	23958
ACARGAAG G GGGCUUGGA 5584 CCAAGCC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAAGAAGG G GGCUUGGA 5585 UCCAAGC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GGGGCUU G GAUGGACA 5586 AUCCAAGC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GGGGCUU G GAUGGACA 5589 UCCAAGC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GGGGCUU G GAUGGACA 5589 CUGUCCAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GCGGCUU G GAUGGACA 5589 GGGCUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GCGGCCUA G GCCACAAG G GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGGG ACACCCAA G GCCACAAG G GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGGGGGG AGCACCAA G GCCACAAG G GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGUUCAAGGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGUUCAAGGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGUUCAAGGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGUUCAAGGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGUUCAAGGA GCCGUUAGGC UCCGUUCAAGGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGUUCAAGGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGUUCAAGGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGA GCCGUUAGGA GCCGUUAGGA GCCGUUAGGA GCCGUUAGGA GCCGUUAGGA GCCGUUAGGA GCCGUUAGA	99	,	5583	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUCUUGUU	23959
CANGRAGG G GGCUUGGA 5585 UCCAAGCC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GGGGGGCGUU G GGGGGACA 5586 AUCCAAGC GGA GCCGUUAGGC UCCGUUAGGC UCCGGG GGGGGCUUCAAGGA GCCGUUAGGC UCCGGG GGGGGCUUCAAGGA GCCGUUAGGC UCCGGG GGGGGCUUAGGC UCCGGG GGGGGCUUAGGC UCCGUUAGGC UCCGGG GGGGGCUUAGGC UCCGGG GGGGGCUUAGGC UCCGGG GGGGGCCAA G GUGCUGA GG GCGGUUAGGC UCCUUCAAGGA GCCGUUAGGC UCCGGG GCGGUUAGGC UCCUUCAAGGA GCCGUUAGGC UCCGGG GGGGCCACA G GCACACAA G GUGCUGU GGA GCGGUUAGGC UCCUUCAAGGA GCCGUUAGGC UCCGGG GGCCACAA G GUAAUAGC 5591 CUUGUGGC GGA GCGGUUAGGC UCCUUCAAGGA GCGGUUAGGC UCCGGG AGCCACAA G GUAAUAGC 5591 CUUGAGU GGA GCGGUUAGGC UCCUUCAAGGA GCGGUUAGGC UCCGGG AGCCGUUAGGC UCCCUUCAAGGA GCGGUUAGGC UCCGGGG AGCGGUUAGGC UCCUUCAAGGA GCGGUUAGGC UCCGGGG AGCGGUUAGGC UCCCUUCAAGGA GCGGUUAGGC UCCGGGGGGGG AGCGGUUAGGC UCCCUUCAAGGA GCGGUUAGGC UCCGGGGGGGGG AGCGGUUAGGC UCCCUUCAAGGA GCGGUUAGGC UCCCUUCAAGGA GCGGUUAGGC UCCCUUCAAGGA GCGGUUAGGC UCCCUUCAAGGA GCGGUUAGGC UCCCUUCAAGGA GCGGUUAGGC UCCCUUCAAGGA GCGGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCCUUCAAGGA GCGGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGUUAGGC CUCCGGGGGGGGGG	06	1	5584	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUUCUUGU	23960
AGGAGCUU G GAUGGAU GGGGGCUU G GAUGGACA GCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GCGUUGGAU G GACAGCACC 5590 GGUGCUGU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GGCCACAA G GCCACAAG 5591 CUUGUGGC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GGCCACAA G GUAUUUGG 5592 CCAAAUAC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GGCCACAA G GUAUUUGG 5593 GUUUUUAC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGGUUUU G GUAAAACA G AAUCAUGG UAAAAACA G AAUCAUGG AGGUUUUGA G GACGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GGAUCAU G GAUCUUGA GAAUCAU G GAUCUUGA GAAUCAU G GACCCUUGA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GAAUCAU G GACCCUUGA GAAUCAU G GACCCUUGA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GAAUCAU G GACCCUUGA GGAAUCAU G GACCCUUGA GGAAUCAU G GACCCUUGA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GAAUCAU G GACCCUUGA GGAAUCAU G GACCCUUGA GGCGGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGUUCAAGGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGUUCAAGGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCCUUCAAGGA GCCCUUCAAGGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGUUAGGC UCCGUUCAAGGA GCCGUUAGGC UCCGUUAGGC CCCUUCAAGGA GCCGUUAGGC CCCUUCAAGGA GCCCUUCAAGGA GCCGUUAGGC CCCUUCAAGGA GCCCUUCAAGGA GCCCUUCAAG	91		5885	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCUUCUUG	23961
GGGGGCUU G GAUGGACA         5587         UGUCCANC GGA GCCGUUAGGC         UCCCUUCAAGGA GCCGUUAGGC         UCCCUUCAAGGA GCCGUUAGGC         UCCCUUCAAGGA GCCGUUAGGC         UCCGUUCAAGGA GCCGUUAGGA GCCGUUAGGC <td>26</td> <td></td> <td>5586</td> <td>GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCCUUCUU</td> <td>23962</td>	26		5586	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCCUUCUU	23962
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GCUUGGAU         G GACAGUAC         5589         GUGCUGU         GAA         GCCGUUAGGC         UCCCUUCAAGGA         GCCGUUAGGC         UCCCUUCAAGGA         GCCGUUAGGC         UCCGUUCAAGGA	98	GGGGCUUG G AUGGACAG	5588	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAAGCCCC	23964
CUUGGAUG G ACAGCACC  AGCACCAA G GCCACAAG  AGGAAUCAU  AGGAAUCAU  G GAAACCAC  GAAAUCAU  G AAACCCUG  GAAAUCAU  GAAACCCU  GACAUAN  GCCGUUAGGC  CCCCUCAAGGA  GCCGUUAGGC  CCCCUCCAAGGA  GCCGUUAGGC  CCCCCCCCCC	17	G GACA	5589	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUCCAAGC	23965
AGCACCAA G         GCCACAAG         5591         CUUGUGGC GGA         GCCGUUAGGC         UCCCUUCAAGGA         GCCGUUAGGC           GGCCACAA G         GUAAAAAC         5592         CCAAAUAC GGA         GCCGUUAGGC         UCCCUUCAAGGA         GCCGUUAGGC           UAAAAACA G         AAUCAUGG         5594         CCAUGAUU GGA         GCCGUUAGGC         UCCCUUCAAGGA         GCCGUUAGGC           AGAAUCAU G         AAUCAUGA         5595         UCAAGAUC GGA         GCCGUUAGGC         UCCCUUCAAGGA         GCCGUUAGGC           GAAUCUUGA         5596         CUCAAGAU GGA         GCCGUUAGGC         UCCCUUCAAGGA         GCCGUUAGGC           UGGAUCUU G         AUCUUGAG         5596         CUCAAGAU GGA         GCCGUUAGGC         UCCCUUCAAGGA         GCCGUUAGGC           UGGAUCUUGA         5597         GGGUUCCUU GGA         GCCGUUAGGC         UCCCUUCAAGGA         GCCGUUAGGC           GAUCUUGA         GAACCCUG         GAACCCUG         GCCGUUAGGC         UCCCUUCAAGGA         GCCGUUAGGC           GAACCCUG         GAACCCUG         GAACCCUG         GACGUUAGGC         UCCCUUCAAGGA         GCCGUUAGGC           GAAACCCU         GAAACCCU         GAACCCUG         GACGUUAGGC         UCCCUUCAAGGA         GCCGUUAGGC           GAAACCCU         GAAACCCU         <	22	G ACAG	2590	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAUCCAAG	23966
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AGGINIUU G GUAAAAC         5593         GUUUUUAC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC           UAAAAACA G AAUCAUGG         5594         CCAUGAUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC           AGAAUCAU G GAUCUUGA         5595         UCAAGAUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC           UGGAUCUU G AGGAACCC         5597         GGGUUCCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC GUCCUUCAAGGA GCCGUUAGGC GUCCUUCAAGGA GCCGUUAGGC CUCCUUCAAGGA GCCGUUAGGC CUCCUUCAAGGA GCCGUUAGGC GAUCUUGA G GACGUUAGGC CUCCUUCAAGGA GCCGUUAGGC GAACCCU G GAACCCU G GAACCCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC GCGUUAGGC CUCCUUCAAGGA GCCGUUAGGC GAACCCU G GAACCCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC CUCCUUCAAGGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC CUCCUUCAAGGA GCCGUUAGCC UCCCUUCAAGGA GCCGUUAGGC CUCCUUCAAGGA GCCGUUAGCC CUUCAAGGA GCCGUUAGCC UCCCUUCAAGGA GCCGUUAGCC UCCCUUCAAGGA GCCGUUAGCC UCCCUUCAAGGA GCCGUUAGCC CUUCAAGGA GCCGUUAGCC CUUCAAGACA GCCGUUAGCC CUUCAACGA GCCGUUAGCC CUUCAACGA GCCGUUAGCC CUUCAACACA GCCGUUAGCA GCCGUUAGCA GCCGUUAGCC CUUCAACACA GCCGUUAGCC CUUCAACACA GCCGUUAGCC CUUCAACACA GCCGUUAGCC CUUCAACACA GCCGUUAGCC CUUCAACACA GCC	21	GGCCACAA G GUAUTUGG	5592	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUGUGGCC	23968
UAAAAACA G AAUCAUGG         5594         CCAUGAUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC           AGAAUCAU G GAUCUUGA         5595         UCAAGAUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC           GAAUCAUG G AUCUUGAG         5596         CUCAAGAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC           UGGAUCUU G AGGAACCC         5597         GGGUUCCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC           AUCUUGAG G AACCCUG         5598         CAGGGUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC           AUCUUGAG G AACCCUG         5599         CCAGGGUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC GCCCUUCAAGGA GCCGUUAGGC GAACCCU G GAACCCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC CCCUUCAAGGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGA GCCGUUAGGA GCCGUUAGGA GCCGUUAGGA GCCGUUAGGA GCCGUUAGGA GCCGUUAGGA GCCGUUAGGA GCCGUUAGGA GCCGUUAGA GCCGUUAGA GCCGUUAGA GCCGUUAGA GCCGUUAGA GC	88	AGGUAUUU G GUAAAAC	5593	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAAUACCU	23969
AGAAUCAU G         GAUCUUGA         5595         UCAAGAUC GGA         GCGUUAGGC         UCCUUCAAGGA         GCGUUAGGC           GAAUCAUG G         AUCUUGAG         5596         CUCAAGAU GGA         GCGUUAGGC         UCCUUCAAGGA         GCGUUAGGC           UGGAUCUU         G AGGACCUG         5597         GGGUUCCU         GGA         GCCGUUAGGC         UCCUUCAAGGA         GCGUUAGGC           AUCUUGAG         G AACCCUG         5598         CAGGGUU         GAA         GCCGUUAGGC         UCCCUUCAAGGA         GCGGUUAGGC           GGAACCCU         GAAACCCUG         S600         GGCAUNAUC         GAA         GCCGUUAGGC         UCCCUUCAAGGA         GCCGUUAGGC           GAAACCCU         GAUAUGCC         5601         GGCAUNAUC         GAA         GCCGUUAGGC         UCCCUUCAAGGA         GCCGUUAGGC           UAUGCCCU         G BUGGCAGC         5601         GGCAUNAUC         GGA         GCCGUUAGGC         UCCCUUCAAGGA         GCCGUUAGGC	38	UAAAAACA G AAUCAUGG	5594	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGUUUUA	23970
GAAUCAUG G AUCUUGAG 5596 CUCAAGAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCGAUCAUGA GGAUCUU G AGGAACCC G 5597 GGGUUCCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC GAUCUUGA G GAACCCUGG 5599 CCAGGGUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC GGAACCCU G GAUAUGCC 5600 GGCAUANU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC GAACCCU G AUAUGCCC 5601 GGCAUANU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	15	G GAUC	5595	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUGAUUCU	23971
UGGAUCUU G AGGAACCC         5597         GGGUUCCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC           GAUCUUGA G GAACCCUG         5598         CAGGGUU GAA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC           AUCUUGAG G AACCCUG         5599         CCAGGGUU GAA GCCGUUAGGC UCCCUUCAAGAA GCCGUUAGGC           GGAACCCU G GAUAUGCC         5600         GGCAUUAUG GAA GCCGUUAGGC UCCCUUCAAGAA GCCGUUAGGC           GAACCCUG G AUAUGCCC         5601         GGCAUUAGGC UCCCUUCAAGAA GCCGUUAGGC           UAUGCCCU G GUGCAAGC         5602         GCUUCCCCUUCAAGAA GCCGUUAGGC	94	G AUCU	5596	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAUGAUUC	23972
AUCUUGA G GAACCCUGG 5598 CAGGGUUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC AUCUUGAG G AACCCUGG 5599 CCAGGGUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC GGAACCCU G GAUAUGCC 5600 GGCAUAUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC GAACCCUG G AUAUGCCC 5601 GGCAUAUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	25		5597	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAGAUCCA	23973
AUCUUGAG G AACCCUGG 5599 CCAGGGUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC GGAACCCU G GAUAUGCC 5600 GGCAUAUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC GACCUUCAAGGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	54		5598	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCAAGAUC	23974
GGAACCCU G GAUAUGCC 5600 GGCAUAUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC GACGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	55	AUCUUGAG G AACCCUGG	5599	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUCAAGAU	23975
GAACCCUG G AUAUGCCC 5601 GGGCAUAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGGG UCCGGUAAGGA GCCGUUAGGC UCCGGGG	2	GGAACCCU G GAUAUGCC	2600	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGGGUUCC	23976
UAUGCCCU G GUGGCAGC   5602   GCUGCCAC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGU	53	GAACCCUG G AUAUGCCC	5601	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAGGGUUC	23977
	23	UAUGCCCU G GUGGCAGC	5602	AGGGCAUA	23978

5603         ACGGCUGC           5604         CAUCCAAC
5095
5606
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5612 GGGGCCAC
5613 GCUGGGGC
5614 GCUCAUUC
5615 UGCUCAUU GGA
5616 CUGUUGCU GGA
5617 AGAAGUCU GGA
5621 AGACACUC
5622 CAGACACU
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5624 AUGUUGCU
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5631 GCUGUCGC
5632 GCAGCUGU
5633 AUGAUAGU
5634 GGCUUGUC
5635 AGGCUUGU
5636 CUUCACAU
5637 AUCAUCUU
5638 UUCAUCAU
5639 AUAUUCAU
5640 UCCAUAUU GGA
5641 ACCGCCUC
5642 GACCGCCU

Table VII

1113	ANTIMICON O GOOTHAN	6643	KODE KOMENDOOM DOOKEMIDOOD	0,010
		2043	GGA GCCGUDAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	24019
1116		5644	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	24020
1125		5645	GGA GCCGUUAGGC	24021
1129	G A	5646	исссиисьявая вссвиимвес	24022
1131		5647	CUGCGGAC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCUGCCAG	24023
1152		5648	ACGGUAGO GGA GCCGUUAGGO UCCCUUCAAGGA GCCGUUAGGO UCCGGG AAAUAGCA	24024
1165	CCGUCAGC G AUCUCUCC	5649	GGAGAGAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GCUGACGG	24025
1191	GCGUGCCC G ACCAUGGG	2650	GGA GCCGUUAGGC	24026
1197	CCGACCAU G GGAGAAGC	5651	GCUUCUCC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUGGUCGG	24027
1198	CGACCAUG G GAGAAGCU	5652	AGCUUCUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAUGGUCG	24028
1199	GACCAUGG G AGAAGCUC	5653	GAGCUUCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCAUGGUC	24029
1201	CCAUGGGA G AAGCUCAC	5654	GUGAGCUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCCCAUGG	24030
1213	CUCACAAU G ACAAACGU	5655	ACGUIUGU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUUGUGAG	24031
1225	AACGUGCU G ACCCAGCU	9999	AGCUGGGU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGCACGUU	24032
1244	UGUGUGCA G ACAAGGAG	2657	CUCCUUGU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGCACACA	24033
1249	GCAGACAA G GAGUGGUG	5658	CACCACUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUGUCUGC	24034
1250	CAGACAAG G AGUGGUGG	5659	CCACCACU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUUGUCUG	24035
1254	CAAGGAGU G GUGGACAG	2660	CUGUCCAC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACUCCUUG	24036
1257	GGAGUGGU G GACAGGGG	5661	CCCCUGUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACCACUCC	24037
1258	GAGUGGUG G ACAGGGGC	5662	GCCCCUGU GGA GCCGUNAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CACCACUC	24038
1262	GGUGGACA G GGGCUGGG	5663	CCCAGCCC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGUCCACC	24039
1263	GUGGACAG G GCCUGGGG	5664	CCCCAGCC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUGUCCAC	24040
1264	O	2995	GCCCCAGC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCUGUCCA	24041
1268	O	9995	CGUUGCCC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGCCCCUG	24042
1269	AGGGGCUG G GGCAACGG	2995	CCGUUGCC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAGCCCCU	24043
1270	GGGGCUGG G GCAACGGC	8995	GCCGUUGC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCAGCCCC	24044
1276	GGGGCAAC G GCUGCGGA	6995	UCCGCAGC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GUUGCCCC	24045
1282	G GA	2670	AAAUAAUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GCAGCCGU	24046
1283	G AU	5671	CAPAUDAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUDAGGC UCCGGG CGCAGCCG	24047
1291		5672	UCCUTUGE GGA GECGULAGGE UCCCUUCAAGGA GECGULAGGE UCEGGG AAAUAAUE	24048
1297	UUGGCAAA G GAAGCAUU	5673	GGA	24049
1298	UGGCAAAG G AAGCAUUG	5674	CAAUGCUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUUUGCCA	24050
1306		2675	GCAUGUGU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAUGCUUC	24051
1338	UCUACCAA G GCAAUAGG	2676	CCUAUUGC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUGGUAGA	24052
1345		2677	GEUUCUUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UAUUGCCU	24053
1346		5678	UGGUICUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUAUUGCC	24054
1349	AAUAGGAA G AACCAUCU	5679	AGAUGGUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUCCUAUU	24055
1359	ACCAUCUU G AAAGAGAA	2680	UUCUCUUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAGAUGGU	24056
1363	UCUUGAAA G AGAAUAUC	5681	GAUAUUCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUCCAAGA	24057
1365	UUGAAAGA G AAUAUCAA	5682	UUGAUAUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCUUUCAA	24058

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24059	24060	24061	24062	24063	24064	24065	24066	24067	24068	24069	24070	24071	24072	24073	24074	24075	24076	24077	24078	24079	24080	24081	24082	24083	24084	24085	24086	24087	24088	24089	24090	24091	24092	24093	24094	24095	24096	24097	24098
GUACUUGA	ACUUCGUA	AUGGACAA	CAUGGACA	ACAGUAGU	CACAGUAG	GUGCGACU	CGUGCGAC	UGUGUGGA	AACCUGUG	CAACCUGU	UGAGUGGC	UGCCUGAG	CUGCCUGA	വാദാ	ncccnecc	GCAGGAGU	AAGCUUUA	CAAGCUUU	ucceee uccaaecu	AUAUUCUC	CAUAUUCU	UCCAUAUU	UCUCCAUA	ACCUCUCC	UCCGGG ACUGUCAC	uccege cacueuca	ACAGUCCA	GUGGUUCA	UGACCGUG		CCUGACCG	UCCGGG AAUCCCUG	ACGUAGUA	AUCACGUA	AACAGUCA	CAACAGUC	unuenncc	UCCGGG AAGAACGU	ACGAUGGA
DCCGGG	UCCGGG	accese	nccees	nccee	nccees	accese	DESCRIPTION (	DCCGGG	DCCGGG	DCCGGG	DCCGGG	accese	DECCGGG	S UCCGGG	ວ ນຕຕອອອ		1.	DECCAGE		DESCRIPTION TO	S UCCGGG	l i	DESCAGE	ವ ೧୯୯୯		, ,				. 1	ව්ධාරය ද		i uccege	1	opecage		ු ගපයෙය	occess	C UCCGGG
GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	accountage	GCCGUUAGGC	GCCGUUAGGC	gccgunaggc	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	gccgunaggc	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	accentrage uccege accauges
UCCCUUCAAGGA	UCCCUUCAAGGA	исссиисьявва	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	eccentrage uccenteragga											
A GCCGUUAGGC	A GCCGUUAGGC	A GCCGUUAGGC	GCCGUUAGGC	A GCCGUUAGGC	A GCCGUUAGGC	GCCGUUAGGC	A GCCGUUAGGC	A GCCGUUAGGC	A GCCGUUAGGC	A GCCGUUAGGC	A GCCGUUAGGC	A GCCGUUAGGC	A GCCGUUAGGC	A GCCGUUAGGC	A GCCGUUAGGC	A GCCGUUAGGC	A GCCGUUAGGC	A GCCGUUAGGC	1 1	A GCCGUUAGGC	A GCCGUUAGGC	1 .	A GCCGUUAGGC	A GCCGUUAGGC	4 GCCGUUAGGC	A GCCGUUAGGC	A GCCGUUAGGC	4 GCCGUUAGGC	A GCCGUUAGGC	A GCCGUUAGGC	A GCCGUUAGGC	A GCCGUUAGGC	A GCCGUUAGGC	4 GCCGUUAGGC	A GCCGUUAGGC	A GCCGUUAGGC	A GCCGUUAGGC		ı
GGCCACUU GGA	AAAAUGGC GGA	AGUUGGUC GGA	UAGUUGGU GGA	UGCGACUC GGA	GUGCGACU GGA	GUAGUUUC GGA	AGUAGUUU GGA	GCUCCAAC GGA	AGUGGCUC GGA	GAGUGGCU GGA	CUCCCUGC GGA	GAAUCUCC GGA	UGAAUCUC GGA	CUGAAUCU GGA	UGCUGAAU GGA	GAAGGCGC GGA	AUAUUCUC GGA	CAUAUUCU GGA	UCCAUAUU GGA	CACCUCUC GGA	UCACCUCU GGA	UGUCACCU GGA	ACUGUCAC GGA	UCCACUGU GGA	UCACAGUC GGA	UUCACAGU GGA	cceusedu sea	UCCCUGAC GGA	GUCAAUCC GGA		GUGUCAAU GGA	AUUGGUGU GGA	ACAGUCAU GGA	CCAACAGU GGA	දෙනාලනය යෙන	UCUUUGUU GGA	AAGAACGU GGA	CGAUGGAC GGA	GAACCACU GGA
5683	5684	5685	5686	5687	5688	5689	2690	5691	5692	5693	5694	5695	5696	5697	5698	5699	5700	5701	5702	5703	5704	5705	2106	5707	5708	5709	5710	5711	5712	5713	5714	5715	5716	5717	5718	5719	5720	5721	5722
UCAAGUAC G AAGUGGCC	UACGAAGU G GCCAUUUU	UUGUCCAU G GACCAACU	UGUCCAUG G ACCAACUA	ACUACUGU G GAGUCGCA	CUACUGUG G AGUCGCAC	AGUCGCAC G GAAACUAC	GUCGCACG G AAACUACU	UCCACACA G GUUGGAGC	CACAGGUU G GAGCCACU	ACAGGUUG G AGCCACUC	GCCACUCA G GCAGGGAG		UCAGGCAG G GAGAUUCA	CAGGCAGG G AGAUUCAG	GGCAGGGA G AUUCAGCA	ACUCCUGC G GCGCCUUC		AAAGCUUG G AGAAUAUG	AGCUUGGA G AAUAUGGA	GAGAAUAU G GAGAGGUG	AGAAUAUG G AGAGGUGA	AAUAUGGA G AGGUGACA	UAUGGAGA G GUGACAGU	GGAGAGGU G ACAGUGGA	GUGACAGU G GACUGUGA	UGACAGUG G ACUGUGAA	UGGACUGU G AACCACGG	Ö	CACGGUCA G GGAUUGAC		CGGUCAGG G AUUGACAC	CAGGGAUU G ACACCAAU	UACUACGU G AUGACUGU	UACGUGAU G ACUGUUGG	UGACUGUU G GAACAAAG	GACUGUUG G AACAAAGA	GGAACAAA G ACGUUCUU	ACGUUCUU G GUCCAUCG	UCCAUCGU G AGUGGUUC
1378	1383	1399	1400	1413	1414 (		1424 0	1440	1444	1445 7	1455 0	L	1460	1461	1463	L	_	L	1510 7	1516	L	1519 A	_		L			1544 C	_			L	_	1578 C	_		1593 G		1612 U

24099	24100	24101	24102	24103	24104	24105	24106	24107	24108	24109	24110	24111	24112	24113	24114	24115	24116	24117	24118	24119	24120	24121	24122	24123	24124	24125	24126	24127	24128	24129	24130	24131	24132	24133	24134	24135	24136	24137	24138
CCAUGAAC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACUCACGA	UNGAGGUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUGAACCA	GUUGAGGU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAUGAACC	CACUGCUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAGGGAGG	GCACUGCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAAGGGAG		CAGUACUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAGCACUG	UGUNCCUC GGA GCCGUUAGGC UCCCUNCAAGGA GCCGUUAGGC UCCGGG ACACAGUA	CUGUUCCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CACACAGU	CUCUGUUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCCACACA	UCUCUGUI GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUCCACAC	ACGUCUCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGUUCCUC	UNACGUCO GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCUGUUCC	AUDAACGU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCUCUGUU	UCAAACUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUUAACGU	CUCAAACU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAUUAACG	UGGUUCCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAACUCCA	UGUGGUUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCAAACUC	GUGUGGUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUCAAACU	GACUGCUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GUGGCGUG	AAUGCUAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACAGACUG	UGUGAGCC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAUGCUAU	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	GGA GCCGUUAGGC	GGA GCCGUUAGGC UCCCUUCAAGGA	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	GGA GCCGUUAGGC	GGA	AAAUGACC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GACGUCAA	GGA GCCGUUAGGC UCCCUUCAAGGA	CUACACUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAAUGACC	UCUUCACU GGA GCCGUIAGGC UCCCUUCAAGGA GCCGUIAGGC UCCGGG UACACUUC	UCCAUCUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACUCUACA	GGA GCCGUUAGGC UCCCUUCAAGGA	AAUTUTUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUCUUCAC				
5723	5724	5725	2726	5727	5728	5729	5730	5731	5732	5733	5734	5735	5736	5737	5738	5739	5740	5741	5742	5743	5744	5745	5746	5747	5748	5749	5750	5751	5752	5753	5754	5755	5756	5757	5758	5759	2760	2761	5762
UCGUGAGU G GUUCAUGG	UGGUUCAU G GACCUCAA		ccucccuu a aagcague	cucccuug g agcagugc	GCAGUGCU G GAAGUACU	CAGUGCUG G AAGUACUG	UACUGUGU G GAGGAACA	G AG	UGUGUGGA G GAACAGAG	GUGUGGAG G AACAGAGA		GGAACAGA G AGACGUUA	AACAGAGA G ACGUUAAU	ACGUDAAU G GAGUUUGA	CGUUAAUG G AGUUUGAG	UGGAGUUU G AGGAACCA	GAGUUUGA G GAACCACA	AGUUUGAG G AACCACAC	CACGCCAC G AAGCAGUC	CAGUCUGU G AUAGCAUU	AUAGCAUU G GCCUCACA		GCUCACAA G AGGGAGCU	UCACAAGA G GGAGCUCU	CACAAGAG G GAGCUCUG	G AG	CAAGCUUU G GCUGGAGC	CUUUGGCU G GAGCCAUU	UUUGGCUG G AGCCAUUC	AUUCCUGU G GAAUUUUC	G AAI	G ACC	S GG		GGUCAUTU G AAGUGUAG	GAAGUGUA G AGUGAAGA	UGUAGAGU G AAGAUGGA	G AUC	GUGAAGAU G GAAAAAUU
1616	1623	1624	1640	1641	1651	1652	1664	1665	1667	1668	1673	1675	1677	1686	1687	1693	1695	1696	1710	1722	1731	1732	1741	1743	1744	1745	1764	1768	1769	1782	1783	1809	1815	1816	1824	1832	1836	1839	1842

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1867   URGONALIN G ARACIACAC   5765   GUIDIOCOUT GOB GEOGRIPAGOE (UCCUICIDAGOE) (UCCUGO COUCAGO)   241, 1867     1861   ANDUGANO G GARACOCAC   5765   GUIDIOCOUT GOB GEOGRIPAGOE (UCCUCICIDAGOE) (UCCUGO COUCAGO)   241, 1867     1862   ANDUGANO G GARACOCAC   5765   GUIDIOLOC GOB GEOGRIPAGOE (UCCUCICIDAGOE) (UCCUGO COUCAGO)   241, 1867     1863   ANDUGANO G GARACOCAC   5768   AGADIOCOU GOB GEOGRIPAGOE (UCCUCICIDAGOE) (UCCUCICIDAGOE) (UCCUCICIDAGOE)   241, 1867     1864   ANDUCADA G GARACOCAC   5768   AGADIOCOU GOB GEOGRIPAGOE (UCCUCICIDAGOE) (UCCUCICIDAGOE) (UCCUCICIDAGOE)   241, 1867     1867   GUIDIOLDA G GARACOCAC   5779   GAGADIOCOC GOB GEOGRIPAGOE (UCCUCICIDAGOE) (UCCUCICIDAGOE) (UCCUCICIDAGOE)   241, 1867     1867   GUIDIOLDO G ARCUCACOC   5771   GAGADOCOC GOB GEOGRIPAGOE (UCCUCICIDAGOE) (UCCUCICIDAGOE) (UCCUCICIDAGOE) (UCCUCICIDAGOE)   241, 1871     1871   GUIDIOLDO G ARCUCACOC   5777   GAGADOCOC GOB GEOGRIPAGOE (UCCUCICIDAGOE) (UCCUCICIDA	1843	UGAAGAUG G AAAAAUUG	5763	CAAUTUTU GGA GCCGUTAGGC UCCCTUCAAGGA GCCGUTAGGC UCCGGG CAUCUTCA	24139
AGUNCADA G GARACHOC   \$7.65   GUUDUUC GOA GECCULUAGO UCCUUCUAGOA GECCULUAGO CUCUUCAGOA GUADACU CONTRACA GOA GECCULUAGO CUCUUCUAGOA GECCULUAGOA GUADACU CONTRACA GOA GECCULUAGOA CUCUUCUAGOA GECCULUAGOA GUADACU CONTRACA GOA GECCULUAGOA CUCUUCUAGOA GECCULUAGOA GUADACU CONTRACA GOA GECCULUAGOA GUADACU CONTRACA GOA GECCULUAGOA GUADACU CONTRACA GOA GECCULUAGOA GUADACU CONTRACA GOA GUADACU CONTRACA GOA GUADACU CONTRACA GOA GECCULUAGOA GUADACU CONTRACA GUADACU CONTRACA GOA GUADACU CONTRACA GOA GUADACU CONTRACA GOA GUADACU CONTRACA GUA		UUGCAGUU G AAGGGAAC	5764	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	24140
ABUNDAMO G BARCHOUND   5768   AGRINADUR GOB GECCUIDAGE UCCCUUCAAGOA GECCUIDAGE (UCCOUCAACO GUIDAGE (UCCOUCAACO GOB GECCUIDAGE (UCCUUCAAGOA) GECC	0	CAGUUGAA G GGAACAAC	5765	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	24141
GUNDAMOS O ANCANCO   5767   MASUNGUN OSA GECCULAMOS UCCCULCAAGA GECCULAMOS COCCURONA O GECCULAMOS CONTROLANO	1		2766	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	24142
COANCIDIA G GORGUEGOS  1976 NACADAGO GOR GOCGUURAGO (TOCCUTCAAGO) GOCGUURAGO (TOCGGO ANDAGOU GORGUEGO (TOCGGO ANDAGOU GORGUEGO (TOCGGO ANDAGOU GORGUEGO (TOCGGO ANDAGOU GOCGUURAGO (TOCGGO ANDAGOU GORGUEGO (TOCGGO ANDAGOU GOCGUURAGO (TOCGG	2	GUUGAAGG G AACAACCU	5767	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	24143
UNICHDARA G GENUNCHA         \$7769         UNICHDARAGE GRACUITORAGE         ECCEDIDAGE         UNICHDARAGE         CUCCOGO           GRUNICUMO G GACUCCCO         \$7770         COCGOGNAGO         GRACUCCCO         \$7771         COCGOGNAGO         GRACUCCCO         \$7772         COCGOGNAGO         GRACUCCCO         \$7772         COCGOGNAGO         GRACUCCCO         \$7772         COCGOGNAGO         GRACUCCCO         \$7773         COCGOGNAGO         GRACUCCCO         \$7774         COCGOGNAGO         GRACUCCACO         \$7774         COCGOGNAGO         GRACUCCACO         \$7774         COCGOGNAGO         GRACUCCACO         \$7774         COCGOGNAGO         GRACUCCACO         \$7774         COCCGOGNAGO         GRACUCCACO         \$7774         COCCGOGNAGO         \$7774         COCCGOGNAGO         \$7774         COCCGOGNAGO         \$7774         COCCGOGNAGO         \$7774         COCCGOGNAGO         \$7775         \$7775         COCCGOGNAGO         \$7775         \$7775         \$7775         \$7775         \$7775         \$7775         \$7775         \$7775         \$7775         \$7775         \$7775         \$7775	73		5768	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	24144
ABUNDUDU G GRANUCCE         \$77.0         GROBARICCE GRANUCCE         \$77.1         CRORGANGE GRANUCCE         \$77.1         CRORGANGE GRANUCCE         \$77.2         CROCADINAGE GRANUCCE         \$77.2         CROCADINAGE GRANUCCE         \$77.2         \$77.2         \$77.2         \$77.2         \$77.2         \$77.2         \$77.2         \$77.2         \$77.2         \$77.2         \$77.2         \$77.2         \$77.2         \$77.2         \$77.2         \$77.2         \$77.2         \$77.2         \$77.2         \$77.2         \$77.2         \$77.2         \$77.2         \$77.2         \$77.2         \$77.2         \$77.2         \$77.2         \$77.2         \$77.2         \$77.2         \$77.2         \$77.2         \$77.2         \$77.2	37		5769	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	24145
GUUCCUUG G GACUCCCGC   5771   COGGGAGU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCAAGAAA     CUUCCUCGC G ACACAGGU   5772   GCCGGAGGU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCAAGAAA     CUCCCGCA G GACACAGGU   5773   GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGCGGGAGG GCAAGAAA     CUCCCGCA G GACACAGGC   5774   GCCGUUAGG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGCGGGAGG GGACCAGGA GCCGUUAGGC UCCGGA GCCGUUAGGC UCCGGA GCCGUUAGGC UCCGGA GCCGUUAGGC UCCGGA AGAGACCC GGA GCCGUUAGGC UCCGGA AGAGACCC GGA GCCGUUAGGC UCCCGCAACAG GCCGUUAGGC UCCGGG ACACACACAG GGACCAGAACAG GGA GCCGUUAGGC UCCGGA AGAGACCC GGA GCCGUUAGGC UCCGGAACAG GCCGUUAGGC UCCGGA ACACACAG GAACAACAG GGA GCCGUUAGGC UCCCGCAACAG GAACAACAG GAACAACAG GAACAACAG GAACAACAG GAACAACAG GAACAACAG GAACAACAACAACAG GAACAACAG GAACAACAACAG GAACAACAACAACAACAACAACAACAACAACAACAACAAC	33	AGUUUCUU G GGACUCCC	5770	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	24146
UNICUTORS G ACCCORC         5772         GEOGRAPHO GAS GEOCOURAGEA GEOCO	04	GUIUCUUG G GACUCCCG	5771	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	24147
CUCCCOCCU G ACACUGGU   5773   ACCURDUDIO GAA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GUGGGCGGAGG CAGGGCGCGGGGGGGGGG	05	UUUCUUGG G ACUCCCGC	5772	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	24148
CAGADARACA G GULCAGUAGO         5774         GCCOBURACO GAA GCCGUIAGAGO UCCCUUCAAGAA GCCGUIAGAGO UCCGGG ACACACO           CAGAGUACA G GACCUGAGO         GACCUGAGO         5775         CACAGAGO         GACCUGAGO         GACCUCAGO         GACCUGAGO         GACCUCAGO         GACCUCAGO         GACCUCAGO         GACCUCAGO         GACCUCAGO         GACCUCAGO         GACCUCAGO         GACCUCAGO	15		5773	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	24149
CAGGUCACO G GOACUBUS ST75 CACABOLC GBA GECGUIMAGGE UCCCUUCAAGGA GECGUIMAGGE UCCGGG ARCACOCC GBAGGUUGAGE GUCCUUCAAGGA GECGUIMAGGE UCCGGG ARCACOCC GBAGGUUGAGE GUCCUUCAAGGA GECGUIMAGGE UCCGGG ARCACOCC GBAGGUUGAGE GUCCUUCAAGGA GECGUIMAGGE UCCGGG ARCACOCCA GBAGGUUGAG GAACUBCACCA GAAGGUUGAG GAACUBCACA GAACCACACA GAACACACA GAACACACA GAACACACA GAACACACA GAACACACA GAACACACA GAACAC	21	G GΩ	5774	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	24150
GGCACUBOT G BUDDUCGAA   5777   UCCAAADC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGA AACUCCAC G GAAUGGACGA   GAAUGCACU G GAACGGAA   5778   UGCAAUUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGA AACUCCAC G AAUGGACC GAAUGGAC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAUGGAC UCCGGG AAUGGACC G AAUGGACC G AAUGGACC G AAUGGACC G AAUGGACC GAAUGAAC G AAUGGACC GAAUGAAC G AAUGGACC G AAUGGACC G AAUGGACC GAAUGAAC G AAUGGACC GAAUGACC GAAUGACC GAAUGAAC GAAUGAAC GAAUGAAC G AAUGGACC GAAUGAAC GAAUCAAC GAAUGAAC GAAUCAAC GAAUGAAC GAAUGAACA GAACCACC GAAUGAACA GAACCACC GAAUGAACA GAACCACC GAAUGAACA GAACCA	27	O	5775	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	24151
GUGGAGUA G GARUNGCA 5779 UGCAANUC GGA GCCGUUAGGC UCCCUCAAGGA GCCGUUAGGC UCCGGG AACACCAA AGUGGACU G GARCACCAA AGUGGACU G GARCACCAA AGUGGACU G GARCACCAA AGUGGACU G GARCACACA GARC	35	GGCACUGU G GUGUUGGA	5776	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	24152
HORGINGO G ANUGACAS  AGUICANUE G GACGRANU GAS GCCGUUMAGG UCCCUUCAAGGA GCCGUUMAGG UCCGGG AGUGACU  AGUICANUE G GAUGGACC  5780  AGUICANUE GA AGGUCCAU  GAUGGACC  5781  AGGUCCAU  GAUGGACC  5782  GAUCGACC  GAUGGACC  5782  GAUCGACC  GAUGGACC  5783  GAUCGACC  5783  GAUCGACC  5784  GAUCGACC  5785  GAUCGACC  5785  GAUCGACC  5786  GAUCGACC  GAUCGACC  GAUCCACC  GAUCGACC  GAUCCACC  GAUCGACC  GAUCGACC  GAUCGACC  GAUCGACC  GAUCCACC  GAUCCACC  GAUCCACC  GAUCGACC	41		5777	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	24153
ACUGACINO G GANGGARO  ACUGACINO  GANGGACO  GAN	42		5778	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	24154
ACUGGANC         GRUCCAND         GRADICADO	57	AGUACACU G GCACGGAU	5779	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	24155
CUGGGANCG G AUGGACCU         5781         AGGUCCAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG         CUCGGGAUG         CUCGGAUAGGC UCCGGG         CUCGGGAUG         CUCGGAUAGGC UCCGGG         CUCGGGAUAGGC UCCGGG         CUCGGGAAGCC UCCGGG         CUCGGGAAGCC UCCGGGA         CUCGGAAGACCCG         CAUUCAUU         S785         AGGUCGAUGGC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUUCAAGGA         ACCGGUUAGGC UCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUUCAAGGA         ACCGGUUAGGC UCCGGAAGACG         CAAUUCAAUC         AAUUCAAUCA         S786         CAAUUCAAUCA         GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGAAGACCA         GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGA AUUCACCACA         GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGA AUUCACCACA         GCCGUUAGACA GCCCCUCAACA GCCGCGAACACACACACACACACACACACACACA	62	ACUGGCAC G GAUGGACC	5780	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	24156
GCACGARD G ACCTURGE         5782         GCAAGGBU GAA GCCGUUAAGG         UCCCGUUCAAGGA         GCCGUUAAGG         UCCCGGG         AUCCAGGA         CUCCGUCAAGGA         GCCGUUAAGG         UCCGGGG         AUCCAGGA         CAUCAGGA	63	CUGGCACG G AUGGACCU	5781	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	24157
CACGGANUG G ACCUUGCA         5783         UGCAAGGU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACUCGGG           UCGUCANU         5784         AAUGAAGC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAUGACGA           GCUUCANU         6 AACGACCU         5785         AGGUCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGUUAGGC UCCGGG AAUGAAGC           CAUUCAAU         G ACCUAACG         5786         AGGUCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGGG AAUGAAGC           CAUUGAACU         5786         CAUUCAAU         GAGCGAUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGGG ACUGGGG           CACCAGGG         G ACCAGAAU         5787         AAUCUGC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGGG ACUGGGG           CGCCAGGG         G AUCCAGG         6789         UGACCAAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGGG ACUGGCGUUAGGC UCCGUUAGGC UCCGGG ACUGGGG ACUGGCGGGGGGGGGG	99	GCACGGAU G GACCUUGC	5782	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	24158
UCGUCAGU G GCUUCAUU         5784         AAUGAAGC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAUGACG           GCUUCAUU G AACGACCU         5785         AGGUCGUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAUGAAGC           CAUUGAAU G ACCUAACG         5786         CGUUAGGU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACUGGCG           CGCCAGUG         6 GCAGAUU         5787         AAUCUGC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACUGGCG           CGCCAGUG         6 GCAGAUU         5789         CAAUCUGC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACUCGCCACU           GGCAGGC         5790         VGACCAAU         GCCGUUAGGC GCCCCUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACUCGCCACU           GGCAGGC         5791         GCCGUUAGGC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACUCGCAC           GUUUCAGU G GCCACGGC         5792         GCGUUGGC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACUCGGCAC           GUUCACAUA         G GCCACGGC         5793         AUCCAGGC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACGCGGUUAGGC UCCGUUAGGC UCCGUUAGGC UCCGGUUAGGC UCCGGG ACGCGGG ACGCGGG ACCGGG ACGCGGG ACGCGGGG ACGCGGGG ACGCGGG ACGCGGGGG ACGCGGG ACGCGGG ACGCGGGG ACGCGGGG ACGCGGGG ACGCGGGG ACGCGGGG ACGCGGGGGGGG	67	G AC	5783	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	24159
GCUUCAUU G AACGACCU         5785         AGGUCGUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAUGAAGG           CAUUGAAC G ACCUAACG         5786         CGUUAGGU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GUUCAGG           CGCCAGUU G GCCAAGUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GAUCAGGG         GCCGUUAGGC UCCGGG GAUCAGGG UCCGGG UCCGGG UCCGGG GAUCAGGC           CGCCAGUU G GCCACGGC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAUCUGC         GCCGUUAGGC UCCGGG GA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAUCUGC           GUUCACUAU G GUCACGGC 5791         GCCGUUAGGC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAUCUGC           GUUCACUAU G GUCACGGC 5792         GCCGUUAGGC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAUCUGC           GUUGACCAC G GCCACGGC 5791         GCCGUUAGGC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UACCGGG UCCGGG UACCGGG UCCGGG UCCGGG UCCGGG UACCGGG UACCGGG UCCGGG UCCGGG UCCGGG UCCGGG UACCGGG UCCGGG UCCGGG UACCGGG UCCGGG UACCGGG UCCGGG UACCGGG UCCGGG UCCGGG UCCGGG UCCGGG UCCGGG UACCGGG UCCGGG UCCGGG UCCGGG UACCGGG UCCGGG UACCGGG UCCGGG UCCGGG UCCGGG UCCGGG UCCGGG UCCGGG UCCGGG UCCGGG UACCGGG UCCGGG	95		5784	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	24160
CAUUGAAC G         ACUIVAGAAC         CGUUJAGGC         UCCCUUCAAGGA         GCCGUUJAGGC         UCCGGUUJAGGC	04		5785	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	24161
ACGCCAGU G GGCAGAUU  GGCAGUU  GGCAGUU  GGCAGUU  GGCAGUU  GGCAGUU  GGCAGUU  GGCACCACU  GGCACCACC  GGCACCACC  GGCACCACC  GGCACCACC  GGCACCACC  GGCACCACC  GGCACCACC  GGCACCACC  GGCACCACC  ACCCUCACACC  GGCACCACC  ACCCUCACACC  GGCACCACC  ACCCUCACACC  GGCACCACC  GGCACC	90	CAUUGAAC G ACCUAACG	2786	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	24162
AGUGAGUG G GCAGAUUG AGAUCCAAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGO GACCCACU GGCAGAUUG GGCAGAUUG GGCAGAUUG GGCAGAUUG GGCCACGGC GGCACGGC GGCACGGC GGCCACGGC GGCCCACGGC GGCCACGGC GGCCCACGGC GCCCACGGC GGCCCACGGC GGCCCACGGC GGCCCACGGC GGCCCACGGC GCCCACGGC GCCCACGGC GGCCCACGGC GGCCCACGGC GCCCACGGC GCCCACGGC GCCCACGGC GCCCACGGC GCCCACGGC GCCCACGGC GCCCACGGC GCCCACGGC GCCCACGGC GGA GCCCGUUAGGC GCCCUCCACGG GCCCACGGC GCCCACGGC ACCCCACGC ACCCCACACGC ACCCCACGC ACCCCACCACGC GGCCCACGC ACCCCACCACGC ACCCCACCACCACCC ACCCCACCACCACCC ACCCCACCA	22	ACGCCAGU G GGCAGAUU	5787	GGA GCCGUDAGGC UCCCUUCAAGGA GCCGUDAGGC UCCGGG	24163
AGUGGACA G AUUGGUCA         5789         UGACCAAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGUUAGGC UCCGGG AGUCUGCC           GGCAGAUU G GUCACUGU         5790         ACAGUGAC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACUCAGGA AGUCUGCC           GUUUCAGU G GCCACGGC         5791         GCCGUUGGC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACUCAGGA ACUCAAAC           GUGGCCAC G GCCACGGC         5792         GCGUUGGC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGGACCUCAAAC           AACGCUAA         G GCCACGGA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGGACCUCAAAAC         GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGUUAGGC UCCGGG AGGACCUUAAAAC           AACGCUAA         G GUCCAGAAC         GAGGGGAACGC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAUCAGGA AAUCAGAAAAAAAAAA	23	CGCCAGUG G GCAGAUUG	5788	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	24164
GGCAGAUU G GUCACUGU 5791 ACAGUGAC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUCUGACACGC GUCACGGC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACUGAAACC GUCACGGC GGA GCGGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GUGGCCACCACCACCACCACCACCACACCA	27	AGUGGGCA G AUUGGUCA	5789	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	24165
GUUUCAGU G GCCACGGC 5791 GCCGUGGC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACUGGAACC  AACGCUAA G GUCCUGAU 5793 AUCAGGAC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GUGGCCAC  AACGCUAA G GUCCUGAU 5794 AAUUCAAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GUGGCCAC  AAGGUCCU G AUUGAAUU 5794 AAUUCAAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GAGACCUU  UCCUGAUU G AACCACC 5795 GGUGGUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAUCAAU  AUUGAAUU G GAACCACC 5796 GGUGGUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGUUAGGC UCCGGG AAUUCAAU  UUGAAUU G GAACCACC 5797 GGGUGGUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGUUAGGC UCCCUUCAAAGGA GCCGUUAGGC UCCGUUAGGC UCCGUUAGGC UCCGUUAGGC UCCGUUAGGC UCCGUUAGGC UCCGUUAGGC UCCGUUAGGC UCCGUUAGGC UCCGGG ACACUAU	<u>.</u>	ദ ഡേ	5790	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	24166
AAGGCCAC G GCCAACGC 5792 GCGUUGGC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GUGGCCAC  AAGGCCAA G GUCCUGAU 5793 AUCAGGAC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UAGGCCUU  AAGGCCA GAACCACC 5795 AAUUCAAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGGACCUU  UCCUGAUU G AAUUGAAA 5795 UUCCAAUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAUUCAAU  UUGAAUU G GAACCACC 5796 GGUGGUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGUUAGGC UCCGGG AAUUCAAU  UUGAAUU G GAACCACC 5797 GGGUGGUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGUUAGGC UCCGUUAGGC UCCGUUAGGC UCCGUUAGGC UCCGUUCAAGGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGUUAGGC UCCCUUCAAAGGA GCCGUUAGGC UCCCUUCAAAGGA GCCGUUAGGC UCCGUUAGGC UCCGGG ACCUUAGGA CUCCGUUAGGC UCCGUUAGGC UCCGUUAGGC UCCGGG ACCUUAGGA CUCCGGG ACCUUAGGA CUCCGUUAGGC UCCGGG ACCUUAGGA CUCCGGG ACCCUUAGGA CUCCGGG ACCCUUAGGA CUCCGGG ACCUUAGGA CUCCGGG ACCUUAGGA CUCCGGG ACCUUACCCCCCCCCC	88	GUUUCAGU G GCCACGGC	5791	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	24167
AAGGCUAA G GUCCUGAU 5793 AUCAGGAC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UAGGCGUUAGGC UCCGGG UAGGCCUU AAGGUCCU G AUUGAAUU 5794 AAUUCAAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGGACCUU UCCUGAUU G AAUUGAA 5795 UCCAAUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAUUCAAU UUGAAUUU G GAACCACC 5797 GGGUGGUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAUUCAAU UUGAAUU G GAACCACC 5797 GGGUGGUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACCUAUAGGA GCCGUUAGGC UCCGUUAGGC UCCGUUAGGC UCCGGG ACCUAUAGGA GCCGUUAGGC UCCCUUCAAAGGA GCCGUUAGGC UCCCUUCAAAGGA GCCGUUAGGC UCCGUUAGGC UCCGGG ACCUAUAGGA GCCGUUAGGC UCCCUUCAAAGGA GCCGUUAGGC UCCGUUAGGC UCCCUUCAAAGGA GCCGUUAGGC UCCCUUCAAAGGA GCCGUUAGGC UCCGUUAGGC UCCGUUAGGC UCCGUUAGGC UCCGUUAGGC UCCGGG ACCUAUAGGA GCCGUUAGGC UCCGUUAGGC UCCGUUAGGC UCCGGG ACCUAUAGGA GCCGUUAGGC UCCGGG ACCUAUAGGA GCCGUUAGGC UCCGGG ACCUAAAGGA GCCGUUAGGC UCCGGG ACCUAAAGGA GCCGUUAGGA ACUAUAGA GCCGUUAGGA ACCACUAAAGGA GCCGUUAGGA ACCACUAAAGGA GCCGUUAGGA ACCACUAAAGGA GCCGUUAGGA ACCACUAAAGGA GCCGUUAGGA ACCACUAAAGGA GCCGUUAGGA ACCACUAAAAGGA GCCGUUAGGA ACCACUAAAAGGA GCCGCGGA ACCCCACAAAAGAA GCCGCA AC	64	GUGGCCAC G GCCAACGC	5792	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	24168
AAGGUCCU G AUUGAAUU G AAUUCAAUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGACCUUU UCCUGAUU G AAUUGGAA 5795 UUCCAAUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAUUCAAU UUGAAUU G GAACCACC 5797 GGGUGGUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAUUCAAU UUGAAUU G GAGCUCAU G GAGCUCA 5798 UGAGUCUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGUUAGGC UCCGGG ACUCAGGG ACUCAGG ACUCAGA GCCGUUAGGC UCCGUUAGGC UCCGUUAGGC UCCGGG ACCCUUAGGC ACACCUAU	9/	AACGCUAA G GUCCUGAU	5793	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	24169
UCCUGANU G AAUUGGAA  AUUGAAUU G GAACCACC  ST96  GGUGGUU GAA GCCGUUAGGC  UUGAAUU G GAACCACC  ST97  GGGUGGUU GAA GCCGUUAGGC  UUGAAUU G GAACCACC  ST98  UGAGUCGUU GAACCACC  GGGUGGUU GAACCACC  GGA GCCGUUAGGC  UCCCUUCAAGGA  CACCUUU G GAGACUCAU  ACCCUUU G AACCACCA  ST99  ACCCUUU GAACCACC  ST99  AUGAGUCU GAA GCCGUUAGGC  UCCCUUCAAGGA  ACCCUUU GAGACUCAU  ACCCUUU GAACCACACA  ST99  AUGAGUCU GAA GCCGUUAGGC  UCCCUUCAAAGGA  GCCGUUAGGC  UCCCUUCAAAGGA  GCCGUUAGGC  UCCCUUCAAAGGA  GCCGUUAGGC  UCCCUUCAAAGGA  AUGAGUCAC  GGA GCCGUUAGGC  UCCCUUCAAAGGA  GCCGUUAGGC  UACCUUCAAAGGA  AUGAGUCAC  GGA GCCGUUAGGC  UCCCUUCAAAGGA  GCCGUUAGGC  UACCUUCAAAGGA  AUAGUGGU  CCUUUGGG  ACCCUUCAAAGGA  GCCGUUAGGC  UCCCUUCAAAGGA  GCCGUUAGGC  UCCCUUCAAAGGA  GCCGUUAGGC  UCCGUUAGGC  UCCGUUAGGC  UCCGGG  ACUACAGAA  AUAGUGGU  CCUUCAAAGGA  GCCGUUAGGC  CCUCUGCC  GGA  GCCGUUAGGC  CCUUCAAAGGA  GCCGUUAGGC  CCCCUUCAAAGGA  GCCGUUAGGC  CCCCUUCAAAGGA  GCCGUUAGGC  CCCCUUCAAAGGA  CCCCUUCAAAGGA  CCCCUUCAAAGGA  CCCCCCACCACACACACACACACACACACAC	82	AAGGUCCU G AUUGAAUU	5794	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	24170
AUUGAAUU G GAACCACC 5796 GGUGGUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAUUCAAU UUGAAUU G GAACCACCC 5797 GGGUGGUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAAUUCAA CAACCCUUU G GAGACUCAU G GAGACUCAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAAAGGGU CAACCCUU GAAACGGU CAAAGGGU CAAAGGGU CAAAGGGU CCCUUUGGA GAACCAUAA GAAAGGGU CCCUUUGAA GAAAGGGU CCCUUUAGAA GAAAGGGU CCCUUCAAAGGA GCCGUUAGGC UCCCUUCAAAGGA GCCGUUAGGC UCCGUUAGGC UCCCUUCAAAGGA GCCGUUAGGC UCCGUUAGGC UCCGUUAGGC UCCGUUAGGC UCCGUUAGGC UCCGUUAGGC UCCGGG ACUAUGUA CCCUUUAGGC UCCGUUAGGC UCCGUUAGGC UCCGGGA ACUAUGUA CCCGUUAGGC UCCGGGA ACUAUGUA CCCGUUAGGC UCCGGGA ACUAUGUA CCCGUUAGGC UCCGUUAGGC UCCGGGA ACUAUGUA CCCGUUAGGC UCCGGGA ACUAUGUA CCCCUUCAAAGGA GCCGUUAGGC UCCCCUUCAAAGGA GCCGUUAGGC UCCGGGA ACUAUGUA CCCGUUAGGC UCCGGGA ACUAUGUA CCCGUUAGGC UCCCCUUCAAAGGA GCCGUUAGGC UCCGGGA ACUAUGUA CCCCUUCAAAGGA GCCGUUAGGC UCCGGGA ACUAUCAA CCCCUUCAAAGGA GCCGUUAGGC UCCCCUUCAAAGGA GCCGUUAGGC UCCGGGA ACUAUGUA CCCCUUCAAAGGA GCCGUUAGGC UCCGGGA ACUAUGUA CCCUUAGGA ACUAUGUA CCCUUCAAAGGA GCCGUUAGGC AGAACCCUAU CCCCUUCAAAGGA GCCGUUAGGC ACACUAU	98	UCCUGAUU G AAUUGGAA	5795	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	24171
UVGAAUUG G AACCACCC 5797 GGGUGGUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAAUUCAAA CACCUUU G GAGACUCAU G GAGACUCAU G GAGACUCAU G GAGACUCAU G GAGACUCAU G AGACUCAU G AGACUCAU GA GCCGUUAGGC UCCCUUCAAAGGA GCCGUUAGGC UCCCUUCAAAGGA GCCGUUAGGC UCCCUUCAAAGGA GCCGUUAGGC UCCCUUCAAAGGA GCCGUUAGGC UCCCAUCAAAGGA GCCGUUAGGC UCCAAAAGGGU UACAUAAGU G GUGGGCAG S800 GCCCCAC GGA GCCGUUAGGC UCCCUUCAAAGGA GCCGUUAGGC UCCCAUCAAAGGA GCCGUUAGGC UCCCCUUCAAAGGA GCCGUUAGGC UCCGGG ACUAUGUA AUAGUGGU G GGCAGAAGG ACCACUAU	91	G GA	5796	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	24172
CACCCUUU G GAGACUCAU S 5798 UGAGUCUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAAGGGUG ACCCUUU G AGACUCAU G AGACUCAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCCUUCAAAGGA GCCGUUAGGC UCCCUUCAAAGGA GCCGUUAGGC UCCCUUCAAAGGA GCCGUUAGGC UCCCUUCAAAGGA GCCGUUAGGC UCCGUUAGGC UCCGGG ACUAUGUA AUAGUGGU G GGCAGAAGG S 8802 CCUCUGCC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACUAUGUA GCCGUUAGGC UCCGGG ACCACUAU	92	G AA	5797	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	24173
ACCCUUUG G AGACUCAU 5199 AUGAGUCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAAAGGGU CCUUUGGA G ACUCAUAC 5800 GUAUGAGU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCCGGG UCCAAAGG UACAUAGU G GUGGGCAG 5801 CUGCCCAC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACUAUGUA AUAGUGGU G GGCAGAAGG 5802 CCUCUGCC GGA GCCGUUAGGC UCCGGG ACCACUAU	24	CACCCUUU G GAGACUCA	5798	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	24174
CCUUUGGA G ACUCAURC  BACAURGU G GUGGGCAG  COUCCGAC  COUUGGA GCCGUUAGGC  CCUCUGCC  GA GCCGCG  CCUCUGCC  GA GCCGCUUAGGC  CCUCUGCC  GA GCCGCUUAGGC  CCUCUGCC  GA GCCGCUUAGGC  CCUCUGCC  CCUCUGCC  GA GCCGCUUAGGC  CCUCUGCC  CCUCUGCC  GA GCCGCUUAGGC  CCUCUGCC  CCUCUGCC  GA GCCGCUUAGGC  CCUCUGCC  CCUCUCCC  CCUCUGCC  CCUCUCCC  CCUCUGCC  CCUCUCCC  CCUCUCC  CC	55	ACCCUTUG G AGACUCAU	5799	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	24175
UACAUAGU G GUGGGCAG 5801 CUGCCCAC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACUAUGUA AUAGUGGU G GGCAGAAGG 5802 CCUCUGCC GGA GCCGUUAGGC UCCCGUUAGGC UCCGGG ACCACUAU	07		2800	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	24176
AUNGUGGU G GGCAGAGG   5802   CCUCUGCC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACCACUAU	11		5801	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	24177
	24	AUAGUGGU G GGCAGAGG	5802	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	24178

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2125	עמטעטעט מ טווטפווטעון	5003	HICHIGAGE AND GOVERNMENT HICHINITARGE ACCUITINGS LICCAGE CACCACTIA	24179
2129	GGUGGGCA G AGGAGAAC	5804	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGCCCACC	24180
2131	UGGGCAGA G GAGAACAA	5805	UUGUUCUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCUGCCCA 24	24181
2132	GGGCAGAG G AGAACAAC	5806	GCCGUUAGGC UCCGGG CUCUGCCC	24182
2134	O	5807	UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCCUCUGC	24183
2142	GAACAACA G AUCAAUCA	5808	UGAUUGAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGUUGUUC 24	24184
2156	UCACCAUU G GCACAAGU	5809	GCCGUUAGGC UCCGGG AAUGGUGA	24185
2167	ACAAGUCU G GAAGCAGC	5810	UCCGGG AGACUUGU	24186
2168	CAAGUCUG G AAGCAGCA	5811	UGCUGCUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAGACUUG	24187
2179	GCAGCAUU G GCAAAGCC	5812	UCCGGG AAUGCUGC	24188
2206	CCCUCAAA G GAGCGCAG	5813	accennagge uccege unugagge	24189
2207	CCUCAAAG G AGCGCAGA	5814	UCUGCGCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUUUGAGG	24190
2214	GGAGCGCA G AGACUAGC	5815	GCUAGUCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGCGCUCC	24191
2216	AGCGCAGA G ACTIAGCCG	5816	CGGCUAGU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCUGCGCU	24192
2230	CCGCUCUA G GAGACACA	5817		24193
2231	CGCUCUAG G AGACACAG	5818	UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUAGAGCG	24194
2233	CUCUAGGA G ACACAGCU	5819	UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCCUAGAG	24195
2243	CACAGCUU G GGACUUUG	5820	AAGCUGUG	24196
2244	ACAGCUUG G GACUUUGG	5821		24197
2245	CAGCUUGG G ACUUUGGA	5822	UCCAAAGU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCAAGCUG	24198
2251	GGGACUUU G GAUCAGUU	5823	GCCGUUAGGC UCCGGG AAAGUCCC	24199
2252	GGACUUUG G AUCAGUUG	5824	ecceuvages uccege caaagucs	24200
2260	GAUCAGUU G GAGGGGUG	5825	GCCGUUAGGC UCCGGG AACUGAUC	24201
2261	AUCAGUUG G AGGGGUGU	5826	CAACUGAU	24202
2263	CAGUUGGA G GGGUGUUC	5827	UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCCAACUG	24203
2264	AGUUGGAG G GGUGUUCA	5828	GCCGUUAGGC UCCGGG CUCCAACU	24204
2265	GUUGGAGG G GUGUUCAC	5829	GCCGUUAGGC UCCGGG CCUCCAAC	24205
2281	ccucaguu a ggaaggcu	5830	UCCCUUCAAGGA GCCGUUAGGC UCCGGG AACUGAGG	24206
2282	CUCAGUUG G GAAGGCUG	5831	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAACUGAG	24207
2283	ucaguugg g Aaggcugu	5832	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCAACUGA	24208
2286	GUUGGGAA G GCUGUCCA	5833	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUCCCAAC	24209
2305	AAGUGUUC G GAGGAGCA	5834	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GAACACUU	24210
2306	AGUGUUCG G AGGAGCAU	5835	UCCGGG CGAACACU	24211
2308	UGUUCGGA G GAGCAUUC	5836	GCCGUUAGGC UCCGGG UCCGAACA	24212
2309	GUUCGGAG G AGCAUUCC	5837	accennagec uccege cucceaac	24213
2329	CACUGUUC G GAGGCAUG	5838	GAACAGUG	24214
2330	ACUGUUCG G AGGCAUGU	5839		24215
2332	UGUNCGGA G GCAUGUCC	5840	UCCGAACA	24216
2342	GAUA	5841	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGGACAUG	24217
2343	AUGUCCUG G AUAACGCA	5842	UGCGUUAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAGGACAU	24218

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2353	UNACGCAA G GAUUGCUG	5843	CAGCAAUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUGCGUUA	24219
2354	AACGCAAG G AUUGCUGG	5844	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	24220
2361	Ø	5845	AGAGCCCC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGCAAUCC	24221
2362	ල ලලල	5846	GAGAGCCC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAGCAAUC	24222
2363	AUJGCUGG G GGCUCUCC	5847	GGA GCCGUUAGGC UCCCUUCAAGGA	24223
2364	nacaeee e ecacacca	5848	AGGAGAGC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGIUAGGC UCCGGG CCCAGCAA	24224
2378	ccuguad a aaugggca	5849	UGCCCAUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACAACAGG	24225
2379	G AUG	5850	AUGCCCAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CACAACAG	24226
2382	ŋ	5851	UNGAUGCC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUCCACAA	24227
2383	G GCA	5852	AUJGAUGC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAUCCACA	24228
2398	AUA	5853	GGACCUAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACGAGCAU	24229
2402	UCGUGAUA G GUCCAUAG	5854	CUAUGGAC GGA GCCGUUAGGC UCCCUCAAGGA GCCGUUAGGC UCCGGG UAUCACGA	24230
2431	UCGCAGUU G GAGGAGUU	5855	AACUCCUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AACUGCGA	24231
2432	CGCAGUUG G AGGAGUUC	5856	GAACUCCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAACUGCG	24232
2434	G GAG	5857	CAGAACUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCCAACUG	24233
2435	G AGU	5858		24234
2457		5859	UCCCUUCAAGGA	24235
2470	ACA	5860	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	24236
2476	CUGACACU G GGUGUGCC	2861	GGCACACC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGUGUCAG	24237
2477	G GUG	5862	GGA GCCGUDAGGC UCCCUUCAAGGA GCCGUDAGGC UCCGGG	24238
2488	G ACA	5863	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UAUGGCAC	24239
2498	G GCA	5864	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GGCUGAUG	24240
2503		5865	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	24241
2508	G AGA	5866	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGCUCUUG	24242
2510	AGAGCUGA G AUGUGGAA	5867	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCAGCUCU	24243
2515	G GAM	5868	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACAUCUCA	24244
2516	- 1	5869	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CACAUCUC	24245
2521		5870	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACUUCCAC	24246
2522		5871	ega eccentrages uccenteragea eccettrages uccese cactures	24247
2539	UACACAAU G AUGUGGAG	5872	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUUGUGUA	24248
2544	AAUGAUGU G GAGGCUUG	5873	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	24249
2545	G AGG	5874	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CACAUCAU	24250
2547	G GCU	5875	GGA GCCGDUAGGC UCCCUUCAAGGA GCCGDUAGGC UCCGGG UCCACAUC	24251
2552	G GAU	5876	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAGCCUCC	24252
2553	GAGGCUUG G AUGGACCG	5877	GGA GCCGUDAGGC UCCCUUCAAGGA GCCGUDAGGC UCCGGG CAAGCCUC	24253
2556		5878	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUCCAAGC	24254
2557	CUUGGAUG G ACCGGUAC	5879	GUACCGGU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAUCCAAG	24255
2561	GAUGGACC G GUACAAGU	5880	accentrage uccege equecate	24256
2578	G AAA	5881	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGGGUAAU	24257
2590	CGCCACAA G GCCUAGCC	5882	GECUAGGO GGA GCCGUUAGGO UCCCUUCAAGGA GCCGUUAGGO UCCGGG UUGUGGCG	24258

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	UGAAI	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUGGCUAGGGA GCCGUUAGGC UCCGGG UGAAUGAU	24259
G GAAGGAGU	5885	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUAUGAGC	24261
G AAGGAGUG	5886	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUUAUGAG	24262
g cagugugc	5887	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUCCUUAU	24263
UAAGGAAG G AGUGUGCG	5888	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUUCCUUA	24264
GAGUGUGC G GUCUACGA	5889	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GCACACUC	24265
GGGUCUAC G AUCAGUUU	5890	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GUAGACCG	24266
AGUOUCCA G ACUGGAGC	5891	HOANGCHO GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCGGG UGGAAACU 242	24267
G AGCAILCAA	5893	den december december december december verden Abbenden	00727
G GGAAGCAG	5894	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACAUUUGA	24270
G GAAGCAGU	5895	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CACAUTUG	24271
AAAUGUGG G AAGCAGUG	5896	UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCACAUUU	24272
GAAGCAGU G AAGGACGA	5897	UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACUGCUUC	24273
GCAGUGAA G GACGAGCU	5898	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUCACUGC	24274
G ACGAGCUG	5899	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUUCACUG	24275
G AGCUGAAC	2900	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GUCCUUCA	24276
GACGAGCU G AACACUCU	5901	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGCUCGUC	24277
ACTUCUTUTO G AAGGAGAA	5902	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAAAGAGU	24278
CUUUUGAA G GAGAAUGG	5903	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUCAAAAG	24279
AGAAUGGU	5904	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUUCAAAA	24280
AAUGGUGU	5905	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCCUUCAA	24281
GUGUGGAC	2906	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUUCUCCU	24282
AAUGGUGU G GACCUUAG	2907	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACACCAUU	24283
AUGGUGUG G ACCUUAGU	5908	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CACACCAU	24284
AGUGUCGU G GUUGAGAA	5909	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACGACACU	24285
AGAAACAG	5910	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AACCACGA	24286
AAACAGGA	5911	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCAACCAC	24287
GAGGGAAU	5912	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGUUUCUC	24288
AGAAACAG G AGGGAAUG	5913	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUGUUCU	24289
AAACAGGA G GGAAUGUA	5914	GGA GCCGUDAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCCUGUUU	24290
GAAUGUAC	5915	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUCCUGUU	24291
AAUGUACA	5916	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCUCCUGU	24292
GAAAAUU	5917	AAUUUUUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GUGGUGGC 242	24293
CCACCACG G AAAAAUUG	5918	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CGUGGUGG	24294
GAAAAUU G GAAAUUGG	5919	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAUUUUUC	24295
	5920	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAAUUUUU	24296
UGGAAAUU G GCUGGAAG	5921	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAUUUCCA	24297
AAUUGGCU G GAAGGCCU	5922	AGGCCUUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGCCAAUU 242	24298

U 24299	$\dagger$	C 24301	U 24302	U 24303	C 24304	A 24305	A 24306	U 24307	A 24308	A 24309	C 24310	U 24311	C 24312	C 24313	U 24314	C 24315	G 24316	A 24317	G 24318	U 24319	A 24320	A 24321	C 24322	U 24323	U 24324	C 24325	A 24326	G 24327	U 24328		U 24329								
UCCGGG CAGCCAAU	1	uccege Aggccuuc	uccess cassecture	uccege ccaegecu		uccese unucccca	ucceee ueeuecaa	UCCGGG ACAAAGGU	UCCGGG AACCACAA	UCCGGG AUCAACCA	uccese seaccauc	UCCGGG CGGACCAU	uccege uccegacc	ucceee uneencuc	uccese consencu	uccege garcauuc	uccege ugaeucee	UCCGGG AAGCGCGA	UCCGGG CAAGCGCG	uccege uaagcuau	UCCGGG ACTUCUAA	uccege cacuucua	ucceee uccacuuc	ucceee cuccacuu	UCCGGG AAAAUCCU	uccege caaaaucc	UCCGGG AAAUCCAA	uccege caguecue	uccege ceaguecu			UCCGGG UUCAGGAA							
GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC		GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC GCCGUUAGGC GCCGUUAGGC	GCCGUUAGGC GCCGUUAGGC GCCGUUAGGC	GCCGUUAGGC GCCGUUAGGC GCCGUUAGGC GCCGUUAGGC	GCCGUNAGGC GCCGUNAGGC GCCGUNAGGC GCCGUNAGGC GCCGUNAGGC	GCCGUNAGGC GCCGUNAGGC GCCGUNAGGC GCCGUNAGGC GCCGUNAGGC GCCGUNAGGC
UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	uccouncaagga	: UCCCUUCAAGGA			: ucccuucaagga	UCCCUUCAAGGA	UCCCUUCAAGGA	uccouncaagga	UCCCUUCAAGGA	UCCCUUCAAGGA	. UCCCUUCAAGGA	UCCCUUCAAGGA	: ucccuucaagga	uccconcaagga	UCCCUUCAAGGA	,	,	UCCCUUCAAGGA	UCCCUUCAAGGA			, ,		ucccuucaagga	, ,	,		1	UCCCUUCAAGGA	UCCCUUCAAGGA							, , , , , ,
A GCCGUUAGGC	A GCCGUUAGGC	A GCCGUUAGGC	A GCCGUUAGGC	A GCCGUUAGGC	- 1	A GCCGUUAGGC		A GCCGUUAGGC	A GCCGUUAGGC	A GCCGUUAGGC	A GCCGUUAGGC	A GCCGUUAGGC	A GCCGUUAGGC	A GCCGUUAGGC	A GCCGUUAGGC	A GCCGUUAGGC	A GCCGUUAGGC	A' GCCGUUAGGC	A GCCGUUAGGC		A GCCGUUAGGC	A GCCGUUAGGC	1 1	- 1			A GCCGUUAGGC				- 1 1	1 1 1 1	1 1 1						
CAGGCCUU GGA	CCCCAGGC GGA	uconnece gga	CUCUUUCC GGA	ACUCUUUC GGA			GGCGAGUU GGA	CCAUCAAC GGA	CGGACCAU GGA	CUCCGGAC GGA	TUGGUCUC GGA	COUGGUCU GGA	uccuugeu gaa	GGACAUUC GGA	CGGACAUU GGA	UUCUGAGU GGA	GCGCGAUU GGA	AGCUAUUC GGA	AAGCUAUU GGA	CUCCACUU GGA	AAAUCCUC GGA	AAAAUCCU GGA.				GACCAAAU GGA		ŀ	- 1				KOC HELECTER		1. 1	1 1	1 1 1 1	1 1 1 1	
5923	5924	5925	5926	5927	5928	5929	5930	5931	5932	5933	5934	5835	5936	5937	5938	5939	5940	5941	5942	5943	5944	5945	5946	5947	5948	5949	5950	5951	5952	5953	5954	5955	-	9566	5957	5957 5958	5957 5958 5959	5950 5958 5958 5959	5957 5957 5959 5960 5961
AUUGGCUG G AAGGCCUG	A G GCCUGGGG		G G GGAAAGAG		G G AAAGAGUA		G AAC		u a Augguece		C G GAGACCAA	AUGGUCCG G AGACCAAG	GGUCCGGA G ACCAAGGA	GAGACCAA G GAAUGUCC	G AAU	G ACU		u e gaadaged	cececuue e aauaecuu			G AGG	G GAU	G G AUUUUGGA	u e eautudeeu	G AUTUUGGUC	G GUC	c G GAUGUUCC	AGCACUCG G AUGUUCCU	AUGUUCCU G AAGGUCAG	미	G AGA	נאלנילל לי	202	G AGC	GUCAGAGA G AGCAACAC ACACAACU G AAUGUGAC	A G AGCAAGAC  J G AAUGUGAC  J G ACCGAAG	GUCAGAGA G AGCAACAC GUCAGAGA G AGCAACAC ACACAACU G AAUGUGAC CUGAAUGU G ACUCGAAG	A G AUGUGAG  G AAGAUCAU  G AAGAUCAU  G AAGAUCAU  G AAGAUCAU
L			4	4	4	_	4	ACCUUUGU	ບນອນອອນນ	UGGUUGAU	GAUGGUCC	AUGGUCC	GGUCCGG	GAGACCA	AGACCAAG	GAAUGUCC	CCGACUCA	ucececión	CGCGCUUC	AUAGCUU	UUAGAAGU	UAGAAGUG	GAAGUGGA	AAGUGGAG G AUU	AGGAUUUU G GAU	GGAUUUUG G AUU	UUGGAUUU	CAGCACUC	AGCACUC	AUGUUCCI	UUCCUGAL	GAAGGUCA	454711554	TOO COLL	GUCAGAGA	GUCAGAGA	GUCAGAGA G AGCI ACACAACU G AAUI CUGAAUGU G ACUI	GUCAGAGA ACACAACU CUGAAUGU UGUGACUC	GUCAGAGA G ACACAACU G CUGAAUGU G UGUGACUC G UGUGACUC G GACUCGAA G
2814	2817	2822	2823	2824	2825	2829	2848	2871	2875	2878	2883	2884	2886	2892	2893	2901	2907	2918	2919	2929	2934	2935	2937	2938	2944	2945	2950	2966	2967	2976	2979	2984		2386	2986	2986 2988 3001	2986 3001 3007	2986 2988 3001 3007 3012	2986 2988 3001 3007 3012 3015

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	5965	GGA GCCGUUAGGC	24341
AACAACUU G GCGAUCCA	5966	UCCCUUCAAGGA GCCGUUAGGC UCCGGG	24342
AACUUGGC G AUCCACAG	2962	GGA GCCGUUAGGC	24343
	5968	GGA	24344
ı ı	6965	UUUCAAUC GGA GCCGUIAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAUAGGAC	24345
G AUUG	5970	CUUUCAAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAAUAGGA	24346
	5971	CCUGCUUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAUCCAAU	24347
UGAAAGCA G GCUCAAUG	5972	GGA	24348
GGCUCAAU G AUACGUGG	5973	CCACGUAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUUGAGCC	24349
UGAUACGU G GAAGCUUG	5974	CAAGCUUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACGUAUCA	24350
GAUACGUG G AAGCUUGA	5975	UCAAGCUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CACGUAUC	24351
	5976	UGCCCUUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAGCUUCC	24352
GCUUGAAA G GGCAGUUC	5977	GAACUGCC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUUCAAGC	24353
	5978	AGAACUGC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUUUCAAG	24354
	5979	GGA GCCGUUAGGC	24355
G GUGA	5980	GGA GCCGUUAGGC	24356
G AAGU	5981	UNUGACUN GGA GCCGINIAGGC UCCCUUCAAGGA GCCGIUVAGGC UCCGGG ACCCAGAA	24357
	2965	UCUCAGGC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACGUACAU	24358
G AGAC	5983	AUGCGUCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGGCCACG	24359
	5984	GUAVGCGU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCAGGCCA	24360
	5985	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	24361
ACCUUGUG G GGCGAUGG	5986	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	24362
	5987	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	24363
G AUGG	5988	GAUUCCAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GCCCCACA	24364
G GAAU	5989	AAGGAUUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUCGCCCC	24365
	2990	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	24366
	5991	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	24367
	2665	gga gccguuaggc	24368
UUGAGAGU G ACUUGAUA	5993	UAUCAAGU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACUCUCAA	243.69
	5994	GGUAUUAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAGUCACU	24370
	5995	GEUCCCGC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGUGUGAC	24371
	9665	CGUGGUCC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GCCAGUGU	24372
	5997	UCCCUUCAAGGA GCCGUUAGGC	24373
ACUGGCGG G ACCACGAA	5998	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	24374
GGGACCAC G AAGCAAUC	5999	GAUUGCUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GUGGUCCC	24375
UCACAAUC G GAGACCUG	0009	GGA GCCGUDAGGC UCCCUUCAAGGA	24376
G AGAC	1009	CCAGGUCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CGAUUGUG	24377
CAAUCGGA G ACCUGGGU	6002	ACCCAGGU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGUUGG	24378

Table VII

24379	24380	24381	24382	24383	24384	24385	24386	24387	24388	24389	24390	24391	24392	24393	24394	24395	24396	24397	24398	24399	24400	24401	24402	24403	24404	24405	24406	24407	24408	24409	24410	24411	24412	24413	24414	24415	24416	24417	24418
CUUGUACC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGGUCUCC	UCUUGUAC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAGGUCUC	UNUIGUGU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUGUACCC	CAUGGGCC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGGUUUUG	CCAUGGGC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUGGUUUU	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	GCCGUDAGGC UCCCUUCAAGGA GCCGUDAGGC UCCGGG	accouced gea accourage ucconcaaga accourage uccege cangeec	CCGGCCUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GUCCCAUG	UACCCGGC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUCGUCCC	UCUCUACO GGA GCOGUNAGGO UCCOUNCAAGGA GCOGUNAGGO UCOGGG GGCCUUCG	UCCCUUCAAGGA	GUCAAUCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UACCCGGC	AAGUCAAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCUACCCG	AUCGAAGU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAUCUCUA	GCAGUAAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GAAGUCAA	CGUAGUUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGGGCAGU	UCCGGG	GCCGUUAGGC	GCCGUUAGGC	GCAGCUCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACUCAGGG	UCCCUUCAAGGA	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG				GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	UGCAGCAC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAUCUGUU	UGCAGCUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGCAGCAC	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	GGA GCCGUDAGGC UCCCUUCAAGGA GCCGUDAGGC UCCGGG	CCAACAGC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GCUGUCAG	UCCCUUCAAGGA GCCGUUAGGC UCCGGG	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	cusaucuc gga ecceuuagge ucccuucaagga ecceuuagge uccggg auaccaua			
6003	6004	6005	9009	6007	8009	6009	6010	6011	6012	6013	6014	6015	9109	6017	6018	6019	6020	6021	6022	6023	6024	6025	6026	6027	6028	6029	6030	6031	6032	6033	6034	6035	9609	6037	6038	6039	6040	6041	6042
GGAGACCU G GGUACAAG	GAGACCUG G GUACAAGA	GGGUACAA G ACACAAAA	CAAAACCA G GGCCCAUG	AAAACCAG G GCCCAUGG	евесссай в велсвляв	GGCCCAUG G GACGAAGG	GCCCAUGG G ACGAAGGC	CAUGGGAC G AAGGCCGG	GGGACGAA G GCCGGGUA	CGAAGGCC G GGUAGAGA	GAAGGCCG G GUAGAGAU	GCCGGGUA G AGAUUGAC		UAGAGAUU G ACUUCGAU	G AUI	ACUGCCCA G GAACUACG	CUGCCCAG G AACUACGG	GGAACUAC G GUCACCCU	GUCACCCU G AGUGAGAG			G GAC	GAGCUGCG G ACACCGUG	GACACCGU G GACCUGCC	ACACCGUG G ACCUGCCA	CCACCACA G AGAGCGGA		CAGAGAGC G GAAAGUUG	AGAGAGCG G AAAGUUGA	GGAAAGUU G AUAACAGA	UGAUAACA G AUUGGUGC	. 1			ACCAAACU G ACAGCGGC	CUGACAGC G GCUGUUGG	ceecueuu e euaueeua		UAUGGUAU G GAGAUCAG
3244	3245	3252	3264	3265	3272	3273	3274	3277	3280	3284	3285	3289	3291	3295	3301	3313	3314	3321	3330	3334	3336	3343	3344	3352	3353	3376	3378	3382	3383	3390	3397	3401	3410	3411	3445	3451	3458	3463	3468

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GGA GCCGUUAGGC
GGGUCAAU GGA GCCGUUAGGC UCCCUUCAAGGA AAAAGGGU GGA GCCGUUAGGC UCCCUUCAAGGA
AGAAGGC GGA GCCGUUAGGC UCCCUUCAAGGA CAGAAGGC GGA GCCGUUAGGC UCCCUUCAAGGA
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AGGACCUC GGA GCCGUUAGGC
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GUCCACCU GGA GCCGUUAGGC
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UUGGCUGU GGA GCCGUUAGGC
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TANGECCE GGA GECGUUAGGE
45 45 45 45 45 45 45 45 45 45 45 45 45 4
AGUAAUGC GGA GCCGUUAGGC
UAACACAU GGA GCCGUUAGGC
GCCCCCAC GGA GCCGUUAGGC
GCUGCCCC GGA GCCGUUAGGC
AGCUGCCC GGA GCCGUUAGGC
AAGCUGCC GGA GCCGUUAGGC
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COUCUCCO GGA GCCGUUAGGC UCCCUUCAAGGA

24459	24460	24461	24462	24463	24464	24465	24466	24467	24468	24469	24470	24471	24472	24473	24474	24475	24476	24477	24478	24479	24480	24481	24482	24483	24484	24485	24486	24487	24488	24489	24490	24491	24492	24493	24494	24495	24496	24497	24498
-	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUCCCGAA	uccege uccuccce	AAGUGUAC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACGUCUCC	AUGAGOGO GGA GCCGUUAGGO UCCCUUCAAGGA GCCGUUAGGO UCCGGG AAGUGUAC	AUGAGCGC	GCCGUUAGGC UCCGGG GCCAUGAG	UUGAAGGU	GAUGCCAC GOA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUAAACAC	AACGAUGC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACCAUAAA	GCUUUGAG	UGGUCCAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCGCUUUG	GCCGUUAGGC UCCGGG AUCUCGCU	CAUCUCGC	ນອອນນອອນ	AAUGUUCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUGGUUGG	AAAAUGUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCCUGGUU	AACAAAAU	GCCGUUAGGC UCCGGG AACAUCAA	GCCGUUAGGC UCCGGG GCCAACAU	UCCGGG AUTUGAAA	GCGGGCAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GUGAUAAG	GCCGUUAGGC UCCGGG AGAGCAGA	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAGAGCAG	GCCGUUAGGC UCCGGG CCAGAGCA	UCCCAGAG	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGGGAUCU	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AACACAUC	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGUGAAUU	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GCCAGUGA	GUAUCAUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAGCUACC	CAAGCUAC	ecceunagec uccege auccaage	GCCGUUAGGC UCCGGG AGUAUCAU	GCCGUUAGGC UCCGGG UCAGUAUC	UNUGAUGU GGA GCCGUNAGGC UCCCUUCAAGGA GCCGUNAGGC UCCGGG GUUGUGAA	GGAACAAC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACGUUUGA	GCCGUUAGGC UCCGGG GGGUGUUA	വാദ്ധാ	AAGCAUCU GGA GCCGUIAGGC UCCCUUCAAGGA GCCGUIAGGC UCCGGG AGCCCGGG
6083	6084	6085	9809	6087	8809	6809	0609	6091.	6092	6093	6094	9609	9609	6097	8609	6609	6100	6101	6102	6103	6104	6105	9019	6107	6108	6109	0119	6111	6112	6113	6114	9119	6116	6117	6119	6119	6120	6121	6122
AUUCGGGA G GAGACGUG	UUCGGGAG G AGACGUGG	CGGGAGGA G ACGUGGUA	GGAGACGU G GUACACUU	GUACACUU G GCGCUCAU	GCGCUCAU G GCGACCUU		ACCUUCAA G AUACAACC	GUGUUUAU G GUGGCAUC	UUVAUGGU G GCAUCGUU	CUCAAAGC G AGAUGGAC	CAAAGCGA G AUGGACCA		GCGAGAUG G ACCAACCA	ACCAACCA G GAGAACAU	CCAACCAG G AGAACAUU	AACCAGGA G AACAUUUU	AUTUTUGUT G AUGUTUGC		AUGUUGGC G GCUGUUUU	UUUCAAAU G GCUUAUCA	CUUAUCAC G AUGCCCGC				CUCUGGGA G AUCCCUGA	AGAUCCCU G AUGUGUUG	. 1			GGUAGCUU G GAUGAUAC	GUAGCUUG G AUGAUACU	GCUUGGAU G AUACUGAG	G AGA	G AG	ט	UCAAACGU G GUUGUUCC	UAACACCC G GGCUGAGA	AACACCCG G GCUGAGAU	CCCGGGCU G AGAUGCUU
3739	3740	3742	3747	3756	3765	3768	3777	3795	3798	3816	3818	3821	3822	3831	3832	3834	3846	3852	3855	3873	3883	3905	3906	3907	3909	3916	3924	3933	3936	3944	3945	3948	3954	3956	3975	3987	4018	4019	4023

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24499	24500	24501	24502	24503	24504	24505	24506	24507	24508	24509	24510	24511	24512	24513	24514	24515	24516	24517	24518	24519	24520	24521	24522	24523	24524	24525	24526	24527	24528	24529	24530	24531	24532	24533	24534	24535	24536	24537	24538
UCAAGCAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCAGCCCG	UCCAGAUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAGCAUCU	VACACAUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGAUUCAA	GUACACAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAGAUUCA	UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGUACACA	UCCGGG	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	AUUCCGAC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUCAACAG	GCCUATUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GACCAUCA	UGCCUAUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CGACCAUC	CAAGCUGC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UAUUCCGA	UCCCUGAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAGCUGCC	UCUUCUCO GGA GCCGUUAGGO UCCCUUCAAGGA GCCGUUAGGO UCCGGG UGAUCAAG	GCCGUUAGGC UCCGGG	CCUCUUCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCUGAUCA	CUCCUCUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCCCUGAU	GCACUCCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUCUCCCU	UCCCUUCAAGGA	GCUGCACU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUCUUCUC	GCUCCUUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUUUUGC	UCCCUUCAAGGA	GACTUGECU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUUUCUUU	GCCGUUAGGC UCCGGG	GAAAAGUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGUUGAGG	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	acaaggau gga gccguuaggc ucccuucaagga gccguuaggc uccggg augggguu	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	GCCGUUAGGC UCCGGG	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	GGA GCCGUDAGGC UCCCUUCAAGGA GCCGUDAGGC UCCGGG	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	cedeccau ega eccenuadec uccenucaaga eccenuasec uccese cecenua	UNGCGGGC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUCCGCGU	CAUCACUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGUUGCGG	ರಾಲಾಗ	GGA GCCGUDAGGC UCCCUUCAAGGA GCCGUDAGGC UCCGGG	CAUJAGGC GGA GCCGUJAGGC UCCCUJCAAGGA GCCGUJAGGC UCCGGG GACAGCUG	CAGCCCUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GACGAUGG		UGCCAGCC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCCGACGA
6123 UC	6124 UC	6125 UA	6126 GU	6127 GC	Ĺ	L	6130 AU	6131 GC	6132 UG	6133 CA	L	6135 UC		6137 CC	6138 CU	6139 GC	6140 CU	6141 GC	6142 GC	6143 AC	6144 GA	6145 GC	6146 GA				6150 CA				6154 CG	6155 UU	6156 CA	6157 GC		6159 CA	6160 CA	6161 CC	6162 UG
CGGGCUGA G AUGCUUGA	AGAUGCUU G AAUCUGGA		UGAAUCUG G AUGUGUAC	-			$\vdash$	UGAUGGUC G GAAUAGGC	GAUGGUCG G AAUAGGCA	-		$\vdash$		UGAUCAGG G AGAAGAGG	AUCAGGGA G AAGAGGAG	G AGGAGUGC	-	G AGUGCAGC		-	┝	g gcucuagc	CCUCAACA G GACUUUC	G ACUUUUCA	G AUCCUUGC	UGAUU	-	G AUUGCAUG	G AUCCCAAC	G GAUGGCCC		-		G AUGACAGC	G ACAGCUGU	-	CCAUCGUC G GAGGGCUG	ഡേദര	UCGUCGGA G GGCUGGCA
4025	4032	4038	4039	4049	4050	4062	4065	4069	4070	4075	4083	4088	4089	4090	4092	4095	4097	4098	4116	4120	4121	4140	4156	4157	4173	4186	4187	4191	4201	4219	4220	4223	4234	4239	4242	4252	4273	4274	4276

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GGAGGGCU G GCAGAGCU	6164	AGCUCUGC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGCCCUCC	24540
GGCUGGCA G AGCUUGAC	6165	GUCAAGCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGCCAGCC	24541
CAGAGCUU G ACAUUGAC	9919	GUCAAUGU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAGCUCUG	24542
UUGACAUU G ACUCCAUG	6167	CAUGGAGU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAUGUCAA	24543
GACUCCAU G GCCAUUCC	6168	GGAAUGGC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUGGAGUC	24544
AUUCCAAU G ACUAUCGC	6919		24545
9	6170	AUGAGCCC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GCGAUAGU	24546
CUAUCGCG G GGCUCAUG	1219	CAUGAGCC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CGCGAUAG	24547
UAUCGCGG G GCUCAUGU	6172	ACAUGAGO GGA GCCGUUAGGO UCCCUUCAAGGA GCCGUUAGGO UCCGGG CCGCGAUA	24548
econoceo e vonocee	6173	UCCCUUCAAGGA	24549
UGAUUUCU G GGAAAUCA	6174	UGALUNCE GGA GCCGULAGGE UCCCUUCAAGGA GCCGULAGGC UCCGGG AGAAAUCA	24550
GAUUUCUG G GAAAUCAA	$\vdash$	UCCCUUCAAGGA	24551
AUTUCUGG G AAAUCAAC	6176	GUUGAUTU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCAGAAAU	24552
AAUCAACA G AUAUGUGG	6177	CCACAUAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGUUGAUU	24553
AGAUAUGU G GAUUGAGA	6178	UCUCAAUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACAUAUCU	24554
GAUAUGUG G AUUGAGAG	6119	GGA GCCGUUAGGC	24555
UGUGGAUU G AGAGAACG	6180	COUNCUCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAUCCACA	24556
	1819	GCCGUUCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCAAUCCA	24557
GAUUGAGA G AACGGCGG	6182	cceccent gay accentrage uccentrages accentrage uccede uctrante	24558
GAGAGAAC G GCGGACAU		GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	24559
AGAACGGC G GACAUTUC		GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	24560
CAACGGCG G ACAUTUCC	6185	GGAAAUGU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CGCCGUUC	24561
CAUTUCCU G GGAAAGUG	9819	UCCCUUCAAGGA GCCGUUAGGC	24562
	6187	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	24563
UUUCCUGG G AAAGUGAU	6188	AUCACUUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCAGGAAA	24564
GGGAAGU G AUGCAGAA		UNCUBERA GEN GENERATE DECEMBER GENERAL DECEMBER DECEMBER DECEMBER DECEMBER DE PROPORTE DE L'ANTICHE DE L'ANTI	24565
GUGAUGCA G AAAUUACA	6190	GCCGUUAGGC	24566
AAAUUACA G GCUCGAGC	6191	GGA GCCGUDAGGC UCCCUUCAAGGA GCCGUUAGGC	24567
ACAGGCUC G AGCGAAAG	6192	CUUNCECU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GAGCCUGU	24568
	6193	AACUCUUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GCUCGAGC	24569
GAGCGAAA G AGUUGAUG	6194	GGA	24570
AAAGAGUU G AUGUGCGG	6195	CCGCACAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AACUCUUU	24571
UGAUGUGC G GCUUGAUG	6196	CAUCAAGO GGA GCCGUUAGGO UCCCUUCAAGGA GCCGUUAGGO UCCGGG GCACAUCA	24572
ивсевсти в мисмисми	6197	AUCAUCAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAGCCGCA	24573
GGCUUGAU G AUGAUGGA	6198	UCCAUCAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUCAAGCC	24574
UUGAUGAU G AUGGAAAC	6199	GUUUCCAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUCAUCAA	24575
AUGAUGAU G GAAACUUC		GAAGUUUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUCAUCAU	24576
UGAUGAUG G AAACUUCC	6201	egayennn ega eccennadec noconnovagey eccennagec noceeg cancanca	24577
CAGCUCAU G AAUGAUCC	6202	מיויסיסיוז מים מיויסיסי איסיסיסיון מיסיסים מיויסיסים איזיסיסיוס איזיסיסיויס	027.0

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4486	UCAUGAAU G AUCCAGGA	6203	uccuedan gea geogunaged ucconicaagea geogunagee ucegeg auneauga	24579
4492	AUGAUCCA G GAGCACCU	6204	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGGAUCAU	24580
4493	UGAUCCAG G AGCACCUU	6205	GCCGUUAGGC UCCGGG CUGGAUCA	24581
4502	AGCACCUU G GAAGAUAU	6206	AUAUCUUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAGGUGCU	24582
4503	GCACCUUG G AAGAUAUG	6207	CAUAUCUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAAGGUGC 2	24583
4506	CCUUGGAA G AUAUGGAU	6208	AUCCAUAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUCCAAGG	24584
4511	GAAGAUAU G GAUGCUCA	6209		24585
4512	AAGAUAUG G AUGCUCAG	6210	CUGAGCAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAUAUCUU	24586
4520	GAUGCUCA G AAUGGUCU	6211	AGACCAUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGAGCAUC	24587
4524	CUCAGAAU G GUCUGUCU	6212	AGACAGAC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUUCUGAG 2.	24588
4536	UGUCUCGC G AUDAGUGC	6213	GCCGUUAGGC UCCGGG GCGAGACA	24589
4556		6214		24590
4557	ACCCCUG G GCAAUCUU	6215	AAGAUUGC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAGGGGGU 2	24591
4579	CAGUAGUU G GAUUUUGG	6216	CCAAAAUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AACUACUG	24592
4580	AGUAGUUG G AUUUUGGA	6217	_	24593
4586	UGGAUUUU G GAUAACUC	6218	GCCGUUAGGC UCCGGG AAAAUCCA	24594
4587		6219	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAAAAUCC	24595
8097		6220	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUUGUGUA	24596
4610	CACAAAGA G AGGAGGCG	6221	ucccuucaagga gccguuaggc uccggg ucuuugug	24597
4612	CAAAGAGA G GAGGCGUG	6222	accentrage uccege ucucutua	24598
4613	AAAGAGAG G AGGCGUGU	6223		24599
4615	AGAGAGGA G GCGUGUUG	6224	CAACACGC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCCUCUCU	24600
4625	G GGA	6225	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACAACACG	24601
4626	everveve e eacacucc	6226	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CACAACAC	24602
4627	UGUUGUGG G ACACUCCC	6227	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCACAACA	24603
4644	UCACCAAA G GAGUACAA	6228	UNGUACUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUUGGUGA	24604
4645		6229	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUUUGGUG	24605
4656		6230	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUUUUGUA	24606
4657	ACAAAAG G GGGACACG	6231	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUUUUUGU	24607
4658	CAAAAAGG G GGACACGA	6232	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCUUUUUG	24608
4659	AAAAAGGG G GACACGAC	6233	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCCUUUUU	24609
4660	AAAAGGGG G ACACGACC	6234	cccoww	24610
4665	GGGGACAC G ACCACCGG	6235	CCGGUGGU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GUGUCCCC	24611
4672	CGACCACC G GCGUCUAC	6236	GUAGACGC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GGUGGUCG	24612
4682	CGUCUACA G GAUCAUGA	6237	UCAUGAUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGUAGACG	24613
4683	GUCUACAG G AUCAUGAC	6238	GCCGUUAGGC UCCGGG CUGUAGAC	24614
4689	G ACUC	6239	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUGAUCCU	24615
4696	vaacucav a aacuacuc	6240	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACGAGUCA	24616
4697	GACUCGUG G GCUGCUCG	6241	_	24617
4705	GGCUGCUC G GCAGUUAU	6242	AUAACUGC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GAGCAGCC 2	24618

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6244   CGCCCGCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGGG 6245   AUCACGC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCCGGGG 6247   CDAUCACGC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGGG 6249   ACACCCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG 6249   AACACCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG 6251   AACACCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG 6252   AACACCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG 6255   AACACGU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG 6255   AACACGCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG 6255   AACACGU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG 6255   AACACGC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG 6256   AACACGC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG 6256   AACACGC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG 6256   AACACGC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG 6266   AACACGC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG 6266   AACACGC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG 6266   AACACGC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GCGGGGCC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GCGGGGCGC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GCGGG GCGGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GCGGGCGCCGGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GCGGGCCCUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GCGGGCGCGG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGGGCC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC CCGGGGCCCGGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC CCGGGGCCCGGA GCCGCUUAGGC CCCUUCAAGGA GCCGUUAGGC CGGA GCCGUUAGGC CCCUUCAAGGA GCCGUUAGGC CGA GCCGUUAGGC CCCUUCAAGGA GCCGUUAGGC CGA GCCGUUAGGC CCCUUCAAGGA GCCGUUAGGC CG	4720	AUCAAGCA G GAGCGGGC	6243	GCCCGCUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGCUUGAU 246	24619
9 GEOGUGANA         6445         ANCAROCC GAA GCCGUIMAGGC UCCCUUCAAGAA GCCGUIMAGGC UCCOGG           1 G GGUIGANUG         6317         VUCAACCAN GAA GCCGUIMAGGC UCCCUUCAAGAA GCCGUIMAGGC UCCGGG           1 G GGUIGANUGA         6314         ANCARCAN GAA GCCGUIMAGGC UCCCUUCAAGAA GCCGUIMAGGC UCCGGGG           1 G GAUGANUGA         6314         AACACCUA GAA GCCGUIMAGGC UCCCUUCAAGAA GCCGUIMAGGC UCCGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGG		UCAAGCAG G AGCGGGCG	6244	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUGCUUGA	24620
CARGAMACO G GOCUBANIO         6246         CANDALCIO GOA GECCUIDAGGE UCCCUIDAAGA GECCUIDAGGE           GCOGODANIO         6247         UPCAACCIN GOA GECCUIDAGGE UCCCUIDAAGA GECCUIDAGGE           GCOGODANIO         6247         UPCAACCIN GOA GECCUIDAGGE UCCCUIDAAGA GECCUIDAGGE           UBANGORIO         G GARDANAA         6250         GAAAAACAC GOA GOAGUIDAGGE UCCCUIDAAGA GECCUIDAGGE           UGACUADA         G BAGCOGO         6252         AGACGGUIDAGGE UCCCUIDAAGA         GECCUIDAGGE UCCCUIDAAGA           CAACAAAA         G BAGCOGO         6252         AGACGGUIDAGGE UCCCUIDAAGA         GECCUIDAGGE UCCCUIDAAGA           CAACAAAAA         G BAGCOGO         6253         AGACGGUIDAGGE UCCCUIDAAGA         GECCUIDAGGE UCCCUIDAAGA           CACUADAA         G BAGCOGO         6254         AGACGGUIDAGGE UCCCUIDAAGA         GECCUIDAGGE UCCCUIDAAGA           CACUADAAGA         GAGCOGO         6255         AGACGGUIDAGGE UCCCUIDAAGA         GECCUIDAGGE UCCCUIDAAGA           GCOUNAGA         G BAGCOGO         6255         AGACGGUIDAGGE UCCCUIDAAGA         GECUIDAGGE UCCCUIDAAGA           GCOUNAGA         G BAGCAGCO         6255         AGACGGUIDAGGE UCCCUIDAAGA         GECUIDAGGE UCCCUIDAAGA           GCACCANACA         G BAGCAGGUIDAGGE UCCCUIDAAGA         GECUIDAGGE UCCCUIDAAGA         GECUIDAGGE UCCCUIDAAGA           GCACCANACA	-	ල ලෙද	6245	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GCUCCUGC	24621
GCCGGCGUA G AUGGAUGA   6249   CCCUCADAC GGA GCCGGUAGGC UCCCUCADAGGA GCCGGUAGGC UCCGGGG UCCGGGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGA	-	වටව ව	6246	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CGCUCCUG	24622
GGCGUGAN G GUUGAAGG   G216   CCUUCAAC G9A GCCGUUAGGC UCCCUCCAAGGA GCCGUUAGGC UCCGGG   UGGGUGAAG G GUGGUUAGG   G219   AACACCCU G9A GCCGUUAGGC UCCCUCCAAGGA GCCGUUAGGC UCCGGG   UGGGUGAAG G GUGGCGC   G219   AACACCGC G9A GCCGUUAGGC UCCCUCCAAGGA GCCGUUAGGC UCCGGG   CAACACCACACACA G G19C   G219   AACCGGGU G9A GCCGUUAGGC UCCCGGG     AACCACACACACA G GAGCGGC   G219   AACCGGC G9A GCCGUUAGGC UCCCUCCAAGGA GCCGUUAGGC UCCGGG   AACACACACACACA G GAGCGGC   G219   AACCGGC G9A GCCGUUAGGC UCCCUCCAAGGA GCCGUUAGGC UCCGGG   AACACACACACACA G GAGCGGC   G219   AACCGGC G9A GCCGUUAGGC UCCCUCCAAGGA GCCGUUAGGC UCCGGG   AACACACACACACACA G GAGCGGC   G3A GCCGUUAGGC UCCCUCCAAGGA GCCGUUAGGC UCCGGG   AACACACACACACACA G GAGCGCC   G3A GCCGGUUAGGC UCCCUCCAAGGA GCCGUUAGGC UCCGGGGGGGGGG	$\dashv$	G AUG	6247	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACGCCCGC	24623
UGANDIGADO         6.249         AAAACCUU GA GCCGUUAGGC UCCCUCAAGGA GCCGUUAGGC UCCGGG           UGGUUGAA G GUGUUUUC         6.250         GAAAAACC GA GCCGUUAGGC UCCCUCAAGGA GCCGUUAGGC UCCGGGGGGGGGG	ᅱ	ය ගෙග	6248	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUCACGCC	24624
UGAUGARA G GUALDUUUC         G3510         GAAAACAC GAA GCCGUUIAGGC UCCCUUCAAGAA GCCGUUIAGGC UCCCCUUCAAGAA GCCGUUIAGGC UCCCCUUCAAGAA GCCGUUIAGGC UCCCCUUCAAGAA GCCGUUIAGGC UCCCCUUCAAGAA GCCGUUIAGGC UCCCGGG CAACAAAA G GAACCGCUU         G252         AGCGGCU GAA GCCGCUU GAA GCCGUUIAGGC UCCCUUCAAGAA GCCGUUIAGGC UCCCGGG GCCGCGUUIAGGC UCCCGGG GCCGCGUUIAGGC UCCCGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGG	_	UGAUGGUU G AAGGUGUU	6249	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AACCAUCA	24625
CACCUDUU G GOLMAAAA         67811         UUGGAUGGC GAA GCCGUUIAGGC UCCCUUCAAGGA GCCGUUIAGGC UCCGCGUAAAAA         GCCGUUIAGGC UCCGCUCAAAAAAAAAAAAAAAAAAAAAAAAAAAA		ugguugaa g guguuuuc	6250	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUCAACCA	24626
CAACAAAA G GAGCCGUU         6252         AGCCGCULAGGE         UCCCULUAGGE         CUCCULAGAGA         GCCGULLAGGE         CUCCOGG           AACAAAAG         GACCGUU         6254         CCCGUULAGGE         UCCCGUUAGGE         UCCCGUUAGGE         UCCGGUUAGGE         UCCGUUAGGE         UCCGGUUAGGE         UCCGUUAGGE         U		CACCCUUU G GCAUACAA	6251	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAAGGGUG	24627
AACABARG G AGCCGCUU         6253         AAGCGGUU GAB GCCGUUNGGE UCCCUUCAAGAB GCCGUUNAGGE UCCCGGGGGCGCGGGGGGGGGGGGGGGGGGGGGGGG	<u></u>	G GAG	6252	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUUUGUUG	24628
GCCUTUDAN G ANGAGGGG   6224   CCGCUCAU G6A GCCGUIMAGGC UCCCUUCAAGGA GCCGUIMAGGC UCCGGGG GCUTUAAGGC   GCGGGUIMAGGC UCCCUUCAAGGA GCCGUIMAGGC UCCGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGG		G AGC	6253	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUUUUGUU	24629
GUAUDAGA G AACGGAAGA   6255   UCUCCGU GAA GCCGUUMAGG UCCCUUCAAGAA GCCGUUMAGG UCCGGGG GAAUGAAGC G GAGAGGGC   6256   GCCCUCUC GAA GCCGUUMAGG UCCCUUCAAGAA GCCGUUMAGG UCCGGGG GAUGAACC G AAAGGACGC   6256   GCCCUCUC GAA GCCGUUMAGG UCCCUUCAAGAA GCCGUUMAGG UCCGGGG GACGGACG   6259   AGGCGGC GAA GCCGUUMAGG UCCCUUCAAGAA GCCGUUMAGG UCCGGGG GCCGCCCGG GAAUGAACG GCCCCUCAAGAA GCCGUUMAGG UCCGGGG GCCGCCCGG GAACGACG GAA GCCGUUMAGG UCCCUUCAAGAA GCCGUUMAGG UCCGGGG GCCGCCCGG GAACGCCCC GAA GCCGUUMAGG UCCCUUCAAGAA GCCGCUUMAGG UCCGGGG GCCGCCCGG GAACGCCC GAA GCCGUUMAGG UCCCUUCAAGAA GCCGUUMAGG UCCGGGG GCCGCCCG GAACGCCC GAA GCCGUUMAGG UCCCUUCAAGAA GCCGUUMAGG UCCGGGG GCCCCUMACUG G ACCCAUAC G GACCACGC GAA GCCGUUMAGG UCCCUUCAAGAA GCCGUUMAGG UCCGGGG GCCCCUMACUG G ACCCAUAC G GACCACGC GAA GCCGUUMAGG UCCCUUCAAGAA GCCCUUMAGG CUCCUUCAAGAA GCCCUUMAGG CUCCUUCAAGAA GCCCUUMAGG CUCCUUCAAGAA GCCCUUMAGG CUCCUUCAAGAA GCCCUUMAGG CUCCUUCAAGAA GCCCUUMAGG UCCCUUCAAGAA GCCCUUMAGG CUCCUUCAAGAA GCCCUUMAGG UCCCUUCAAGAA GCCCUUMAGG CUCCUUCAAGAA GCCCUUMAGGA CACCACAAGAA GAACCCU GAAAACCCU GAAAACAA GAACCCU GAAAACAA GAACCCU GAAAAAA GAACCCU GAAAAAAA G	2	accecutu a augaeces	6254	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAAGCGGC	24630
UGANGRAGG G GAGAGGGC         6256         GCCCUCUC GGA GCCGUUAAGG         UCCCUTCAAGGA GCGUUAAGG         UCCGUUCAAGGA GCGUUAAGG         UCCGGG           GAGCGCUU         6357         GGCCCUUCU         GAGCCGUUAGGC         UCCGUUCAAGGA GCGUUAAGG         UCCGUUCAAGGA GCGUUAAGG         UCCGUUAAGGA GCGUUAAGG         UCCGUUCAAGGA GCGUUAAGG         UCCGUUCAAGGA GCCGUUAAGG         UCCGUUACUG         GACCACUUC         GACCACUUC         GACCACUUCAAGGA GCCGUUAAGG         UCCGUUACUG         GACCACUUCAAGGA GCCGUUAAGG         UCCGUUACUG         GACCAUACUG         GACCACUUC         GACACUGC         GACACUCAAGGA GCCGUUAAGG         CCCGUUAAGGA GCCGUUAAGGA	8	GCUUUGAU G AGCGGAGA	6255	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUCAAAGC	24631
GANUSAGOS G AGAGGACC         6257         GACCCUCUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGGGGGGGGG	2	UGAUGAGC G GAGAGGC	6256	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GCUCAUCA	24632
HORACGEA G AGGECCEC 6258 GCGGCCCU GGA GCCGUUAGGC UCCCUTCAAGGA GCCGUUAGGC UCCGGG  AGCGGAAGA G GCCCCCUUA 6259 AGGCGGC GGA GCCGUUAGGC UCCCUTCAAGGA GCCGUUAGGC UCCGGG  GGCGACCU G GACCCAUA 6261 UANGGGGC GGA GCCGUUAGGC UCCCUTCAAGGA GCCGUUAGGC UCCGGG  GCCGCCU G GACCCAUA 6261 UANGGGGU GGA GCCGUUAGGC UCCCUTCAAGGA GCCGUUAGGC UCCGGG  GCCGCUUG G ACCCAUAC 6262 GUAUGGGC GGA GCCGUUAGGC UCCCUTCAAGGA GCCGUUAGGC UCCGGG  GCCGCUUG G ACCCAUAC 6263 CACUGCC GGA GCCGUUAGGC UCCCUTCAAGGA GCCGUUAGGC UCCGGG  CCAUACUG G GGCAGUG 6263 CACUGCCC GGA GCCGUUAGGC UCCCUTCAAGGA GCCGUUAGGC UCCGGG  CCAUACUG G GGCAGUG 6264 ACACUGC GGA GCCGUUAGGC UCCCUTCAAGGA GCCGUUAGGC UCCGGG  CCAUACUG G GCAGUGU 6264 ACACUGC GGA GCCGUUAGGC UCCCUTCAAGGA GCCGUUAGGC UCCGGG  AGUGUCAA G GAGAAUCG 6265 GACCUG GGA GCCGUUAGGC UCCCUTCAAGGA GCCGUUAGGC UCCGGG  GAGGAUCAA G GAGAAUCG 6266 GAACCUG GGA GCCGUUAGGC UCCCUTCAAGGA GCCGUUAGGC UCCGGG  GAGGAUCAA G AGGAAUCG 6266 GAACCUG GGA GCCGUUAGGC UCCCUTCAAGGA GCCGUUAGGC UCCGGG  GGAGAUCAA G AAGGAACC 6269 AAGUCGAU GGA GCCGUUAGGC UCCCUTCAAGGA GCCGUUAGGC UCCGGG  GGAGAACC G ACCUUGA G AGGAACC 6269 AAGUCGAU GGA GCCGUUAGGC UCCCUTCAAGGA GCCGUUAGGC UCCGGG  UUGUUACU G AACACUG G AACAAAA GGA GCCGUUAGGC UCCCUTCAAGGA GCCGUUAGGC UCCGGG  UUGUUACG G ACCUUGA G AGGAACC GAA GCCGUUAGGC UCCCUTCAAGGA GCCGUUAGGC UCCGUCAGG  UUGUUACGA G ACCCUGGA G ACCUUGAG GCCGUUAGGC UCCCUTCAAGGA GCCGUUAGGC UCCGGG  UUGUUACGA G GACACCC GAA GCCGUUAGGC UCCCUTCAAGGA GCCGUUAGGC UCCGGG  GGAGACCC GAACCUC GAA GCCGUUAGGC UCCCUTCAAGGA GCCGUUAGGC UCCGGG  GCACAAGU G AACAGGGC GCACC GAACCUC GAA GCCGUUAGGC UCCCUTCAAGGA GCCGUUAGGC UCCGGG  GACACCC G GAACCUC GAA GCCGUUAGGC UCCCUTCAAGGA GCCGUUAGGC UCCGGG  GCCCAAGGA G GACACCC GAACCUC GAA GCCGUUAGGC UCCCUTCAAGGA GCCGUUAGGC UCCGGG  GCCCAAGG GACACCC GAACCUC GAA GCCGUUAGGC UCCCUTCAAGGA GCCGUUAGGC UCCGGG  GCCCAAGGA G GACACCC GAACCUC GAA GCCGUUAGGC CCCCUCCAGGA GCCGCGCGC	3	G AGA	6257	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CGCUCAUC	24633
AGCGGAGA G GECCGCCUG         6259         AGGCGGCC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGUGGGGGGGGGG	2	G AGG	6258	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCCGCUCA	24634
GCGGARGAG         G GCCGCCUG         G260         CAGGCGGC         GGA         GCCGUUAGGC         UNCGGGG         UCCGGUUAGGC         UCCGGGG         UCCGGUUAGGC         UCCGGUUAGGC         UCCGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGG	7	ට ලලට	6229	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCUCCGCU	24635
GGCCGCCUR         G BACCCAURA         6261         UADGGGUC GGA         GCCGUURAGGC         UCCCUUCAAGGA         GCCGUURAGGC         UCCGGG           GCCGUURCUR         G ACCCAURC         6262         GUAJGGGU         GGA         GCCGUURAGGC         UCCGUURAGGA         GCCGUURAGGC         UCCGGG           CCAURACUG         G GCGGUURAGGC         CCCCUURAGGA         GCCGUURAGGC         UCCGGG         UCCGGGG         UCCGGGG         UCCGGGG         UCCGGGGG         UCCGGGGG         UCCGGGGG         UCCGGGGGGG         UCCGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGG	8	၁၁၅ ၅	6260	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUCUCCGC	24636
GCCGUNG G ACCCAURC         6262         GUAUGGGU GGA         GCCGUUAGGC UCCCUCAAGGA         GCCGUUAGGC UCCGGG         CCAUACUG         GA         ACACUGCC         GGA         GCCGUUAGGC         UCCGGG         UCCGGG         UCCGGG         UCCGGG         UCCGGGG         UCCGGGGG         UCCGGGGGGG         UCCGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGG	9	GGCCGCCU G GACCCAUA	6261	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGGCGGCC	24637
CCCAUACUG GGGCAGUG 6263 CACUGCC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGAUACUG GGACGUUAGGC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGUUAGGC UCCCUUCAAGGA GCGUUAGGC UCCGUUAGGC UCCGUUAGGC UCCGUUAGGC UCCGUUAGGC UCCGUUAGGC UCCCUUCAAGGA GCGUUAGGC UCCGUUAGGC UCCGUUAGGC UCCGUUAGGC UCCGUUAGGC UCCGUUAGGC UCCGUUAGGC UCCCUUCAAGGA GCGUUAGGC UCCGUUAGGC UCCCUUCAAGGA GCGUUAGGC UCCGUUAGGC UCCCUUCAAGGA GCGUUAGGC UCCGUUAGGC UCCCUUCAAGGA GCGUUAGGC UCCCUUCAAGGA GCGUUAGGC UCCCUUCAAGGA GCGUUAGGC UCCCUUCAAGGA GCGUUAGGC UCCCUUCAAGGA GCGUUAGGC UCCGUUAGGC UCCCUUCAAGGA GCGUUAGGC UCCGUUAGGC UCCCUUCAAGGA GCGGUUAGGC UCCGUUAGGC UCCCUUCAAGGA GCGGUUAGGC UCCGUUAGGC UCCCUUCAAGGA GCGGUUAGGC UCCGUUAGGC UCCCUUCAAGGA GCGGUUAGGC UCCCUUCAAGGA GCGGUUAGGC UCCCUUCAAGGA GCGGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCCUUCAAGGA GCGGUUAGGC UCCCUUCAAGGA GCGGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGA GCCGUUAGGA GCCGUUAGGA GCCGUUAGGA GCCGUUAGGA GCCGUUAGGA GCCGUUAGGA	7	GCCGCCUG G ACCCAUAC	6262	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAGGCGGC	24638
CCAUACUG G GGCAGUGU         6264         ACACUGCC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG           CAUACUG G GCAGUGUC         6265         GACACUGC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGGG           AGUGUCAA G GAGAUCGA         6266         CGAUCUGC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGGGGGGGGG	7	cccauacu e eeecaeue	6263	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGUAUGGG	24639
CAUACUGG G GCAGUGUC 6265 GACACUGC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGUGUCAA G GAGGAUCGA 6266 CGAUCCUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GUCAAGGA G AGGAUCGA 6267 VUCAAGGU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GUCAAGGA G AUCGACU 6268 AGUCGAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUCGUUACG G AGGACCC 6271 GGGUCCUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUGUUACG G AGGACCC 6271 GGGUCCUC GGA GCCGUUAGGC UCCUUCAAGGA GCCGUUAGGC UCCGGG UUGUUACG G AGGACCC 6272 AGGGUCCU GGA GCCGUUAGGC UCCUUCAAGGA GCCGUUAGGC UCCGGGG UUACGGAG G GCCCUGGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGGGGGGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGGGGGGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGGGA GCCGUUAGGC GAAGGAAUG GAAGGGCA GAAGGAACC GAAGGAACCCA GAAGGAACCCA GAAGGAACCCAGA GCCGUUAGGA GCCCUUAGGA GCCCUUAGGA GCCCUUAGGA GCCCUUAGGA GCCCUUAGGA GCCCCUUAGGA GCCCCUUAGGA GCCCCUUAGGA GCCCCUUAGGA GCCCCUUAGGA GCCCCUUAGGA GCCCCUUAGGA GCC	8	ට අදුර	6264	GGA GCCGUDAGGC UCCCUUCAAGGA GCCGUDAGGC UCCGGG CAGUAUGG	24640
AGUGUCAA G GAGGAUCGA         6266         CGAUCCUC GGA GCCGUUAGGC         UCCAUCAAGGA GCCGUUAGGC         UCCGUUAGGC         UCCGGUAGGC         UCGAUCGAG         GCGGUUAGGC         UCCGGGGGGC         UCCGGGGGGC         UCCGGUUAGGC         UCCGGGGGGC         UCCGGUUAGGC         UCCGGGGGCC         UCCGGUUAGGC         UCCGGGGGGC         UCCGGUUAGGC         UCCGGUUAGGC         UCCGGUUAGGC         UCCGGGGGGC         UCCGGGGGGC         UCCGGUUAGGC         UCCGGGGGC         UCCGGGGGCC         UCCGGGGGCC         UCCGGGGGCC         UCCGGGGCC         UCCGGGGCCC         UCCGGGGCCC         UCCGGGGCCCC		G GCA	6265	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCAGUAUG	24641
GUGANCIARA         6267         UCGANUCCU GAA         GCCGUUAGGC         UCCCUUCAAGGA         GCCGUUAGGC         UCCCUUCAAGGA         GCCGUUAGGC         UCCCGGG           GUCAAGGA         6 ABUCGACU         6268         AGUCGAU         GAA         GCCGUUAGGC         UCCCUUCAAGGA         GCCGUUAGGC         UCCGGGG         UCCGGGGG         UCCGGUUAGGC		G GAG	6266	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUGACACU	24642
GUCAAGGA         G 9AUCGACU         6268         AGUCGAUC GGA         GCGUUAGGC         UCCCUUCAAGGA         GCCGUUAGGC         UCCCGUUCAAGGA         GCCGUUAGGC         UCCCGGG         GCGGUUAGGC         UCCAGGG         UCCAGGG         UCCAGGG         UCCGGUUAGGC         UCCGGGG         UCCGGGG         UCCGGGGG         UCCGGGGG         UCCGGGGG         UCCGGGGG         UCCGGUUAGGC         UCCGGUUAGGC<	_	G AGG	6267	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUUGACAC	24643
UCAAGGAG         AAGUCGAU         GGA         GCGGUUAGGC         UCCAUCAAGGA         GCCGUUAGGC         UCCAGGG         UCCAGGA         CCGGUUAGGC         UCCAGGG         UCCGGUUAGGC	ᆔ	G GAU	6268	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGGG UCCUUGAC	24644
GGAGGANC G         ACUTUGUU         AACAAAGU GGA GCCGUUAGGC         UCCCCUUCAAGGA GCCGUUAGGC         UCCGGUUAGGC         UCCGGUUAGGC         UCCGGUUAGGC         UCCGGUUAGGC         UCCGGUUAGGC         UCCGGUUAGGC         UCCGGGUUAGGC         UCCGGUUAGGC	_	G AUC	6269	GGA GCCGUDAGGC UCCCUUCAAGGA GCCGUDAGGC UCCGGG CUCCUUGA	24645
UNGGUIAC G GAGGACCC         6271         GGGUCCUC GGA GCCGUUAGGC UCCCUCCAAGGA GCCGUUAGGC UCCGGG           UNGGUACG         6 AGGACCCU         6272         AGGGUCCU GGA GCCGUUAGGC UCCCUCCAAGGA GCCGUUAGGC UCCGGG           GUUACGGA         6 273         CCAGGGUC GGA GCCGUUAGGC UCCCUCCAAGGA GCCGUUAGGC UCCGGG           AGGACCCU         G AAAUUGC         6275         UCCAGGGU GGA GCCGUUAGGC UCCCUCCAAGGA GCCGUUAGGC UCCGGGG           AGGACCCU         G AAAUUGC         6276         GCAAAUUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGGG           GGACCCUG         G AAAUUGC         6276         UGCAAUUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGGG           GCACAAGU         G AAAUUGC         6276         UGCAAUUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGGG           GCACAAGU         G AAAUGGGC         6277         GCCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGGGGGGGGG	_	GGAGGAUC G ACUUUGUU	6270	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GAUCCUCC	24646
UNGUDACG G AGGACCCU         6272         AGGGUCCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG           GUUACGGA G GACCCUGG         6273         CCAGGGUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG           UVACGGAG G ACCCUGGA         6274         UCCAGGGU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG           AGGACCCU G GAAAUUGC         6275         GCAAAUUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG           GAACCCUG G AAAUUGCA         6276         UGCAAUUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG           GCACAAGU G GAACGGGC         6277         GCCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGGG           CACAAGU G AACGGGC         6278         UGCCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGGG           AGUGGAAC         GCCCGUUAGGC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGGG           AGUGGAAC         GCACCGGUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGGGGGG           AACGGGCA         GAUCCUGC         GAACCGGC         GACCGGUUAGGC UCCGGGGGGGGGGGGGGGGGGGGGGGG		UUUGUUAC G GAGGACCC	6271	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GUAACAAA	24647
GUUACGGAG G GACCCUGGA 6273 CCAGGGUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUACGGAG G ACCCUGGA 6274 UCCAGGGU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGACCCU G GAAAUUGCA 6275 GCAAUUUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GGACCCU G GAAAUUGCA 6276 UGCAAUUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GCACAAGU G AAAUUGCA 6277 GCCCGUUC GGA GCCGUUAGGC UCCGGGG CACAAGU G AACGGGCA 6278 UGCCCGUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CACAAGU G AACGGGCA 6278 UGCCCGUU GGA GCCGUUAGGC UCCCGGG AGUGGAAC G GCAGGAUG 6280 GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GUGGAACG G GCAGGAUG GAA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AACGGGCA G GAUGAGGU GAA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AACGGGCA G AUGAGGUG CAUCCUCA GGA GCCGUUAGGC UCCCGGGC UCCGGG		UNGUDACG G AGGACCCU	6272	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CGUAACAA	24648
UNACGGAG         G ACCCUGGA         6274         UCCAGGGU GGA         GCCAUUAGGC         UCCGUUAGGC         UCCGGUUAGGC         UCCGGGG           CACAAGUG         AACGGGCA         6278         UGCCCGUUAGGC         UCCCUUCAAGGA         GCCGUUAGGC         UCCGUUAGGC         UCCGUUAGGC         UCCGUUAGGC         UCCGUUAGGC         UCCGGUAGGC         UCCGGUAGGC         UCCGUUAGGC         UCCGGUAGGC	_	GUUACGGA G GACCCUGG	6273	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCCGUAAC	24649
AGBACCCU G         GAAAUUGCA         6275         GCAAUUUC GGA         GCCGUUAGGC         UCCCUUCAAGGA         GCCGUUAGGC         UCCGUUAGGC         UCCGGUUAGGC		G ACC	6274	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUCCGUAA	24650
GGACCCUG         G AAAUUGCA         6276         UGCAAUUU         GGA GCGUUAGGC         UCCUCGUUAGGC         UCCGGUUAGGC         UCCUGUUAGGC         UCCUGUUAGGC         UCCUGUUAGGC         UCCUGUUAGGC         UCCUGGUUAGGC         UCCUGGUUAGGC         UCCUGGG         UCCGGUUAGGC         UCCUGGG         UCCGGUUAGGC         UCCGGUUAGGC         UCCGGUUAGGC         UCCGGUUAGGC         UCCGGGG         UCCGGGG         UCCGGGGGG         UCCGGGGGGG         UCCGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGG		G GAA	6275	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGGGUCCU	24651
GCACAAGU G GAACGGGC 6277 GCCCGUUC GGA GCCGUUAGGC UCCCGUCAAGGA GCCGUUAGGC UCCGGG CACAAGUG G AACGGGCA 6278 UGCCCGUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGUGGAAC G GCAGGAUG 6279 AUCCUGC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GUGGAACG G GCAGGAUG 6280 CAUCCUGC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AACGGGCA G GAUGAGGUG ACCUCAUC GGA GCCGUUAGGC UCCGGGG ACGGGGAGG G AUGAGGUG CACCCAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGGG		G AAA	6276	doa geceuvadee veceuveaaga geceuvagee vecege caggovee	24652
CACAAGUG G AACGGGCA 6278 UGCCCGUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGUGGAAC G GGCAGGAU 6279 AUCCUGCC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GUGGAACG G GCAGGAUG 6280 CAUCCUGC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AACGGGCA G GAUGAGGU 6281 ACCUCAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGGG ACGGGCAG G AUGAGGUG 6282 CACCUCAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	$\exists$	G GAA	6277	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACUUGUGC	24653
AGUGGAAC G GGCAGGAU 6279 AUCCUGCC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GUGGAACG G GCAGGAUG GAA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AACGGGCA G GAUGAAGGU 6281 ACCUCAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUGAGGUG AUGAGGUG CACCUUCAA GCA GCCGUUAGGC UCCGGG GAACGGAGAGGUG CACCUUCAAGGA GCCGUUAGGC UCCGGGG		CACAAGUG G AACGGGCA	6278	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CACUUGUG	24654
GUGGAACG G GCAGGAUG 6280 CAUCCUGC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AACGGGCA G GAUGAGGUG 6281 ACCUCAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACGGGCAG G AUGAGGUG 6282 CACCUCAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	ᅴ	AGUGGAAC G GGCAGGAU	6279	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GUUCCACU	24655
AACGGGCA G GAUGAGGUG 6282 CACCUCAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC AACGGGCAG G AUGAGGUG 6282 CACCUCAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	_	GUGGAACG G GCAGGAUG	6280	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CGUUCCAC	24656
ACGGGCAG G AUGAGGUG 6282 CACCUCAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG		G GAUC	6281	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGCCCGUU	24657
			6282	CACCUCAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUGCCCGU 246	24658

Table VII

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1602	D AGG	0203	des eccenomisson undermission eccenomisson under	24659
2692	2 0	6284	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	24660
4833		6879	GGA GCCGDDAGGC DCCCDDCAAGGA GCCGDDAGGC DCCGGG	74007
4902		6286	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	24662
4908	AUGAUUGU G GUGGAACC	6287	GGUUCCAC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACAAUCAU	24663
4911	AUUGUGGU G GAACCUGG	6288	CCAGGUUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACCACAAU	24664
4912		6289	GCCAGGUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CACCACAA	24665
4918	UGGAACCU G GCAAGAAC	6290	GUICUUGO GGA GCCGUUAGGO UCCCUUCAAGGA GCCGUUAGGO UCCGGG AGGUUCCA	24666
4923		6291	UNAACGUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUGCCAGG	24667
4932	AACGUUAA G AACGUCCA	6292	UGGACGUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUAACGUU	24668
4941	AACGUCCA G ACGAAACC	6293	GOUNTCOU GGA GCCGINDAGGC UCCCUTCAAGGA GCCGUTAGGC UCCGGG UGGACGUT	24669
4944	GUCCAGAC G AAACCAGG	6294	CCUGGUUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GUCUGGAC	24670
4951	CGAAACCA G GGGUGUUC	6295	uccess usenunce	24671
4952	GAAACCAG G GGUGUUCA	6296		24672
4953		6297	UUGAACAC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCUGGUUU	24673
4969		6298		24674
4972	CACCUGAA G GAGAAAUC	6539	GAUTUCUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUCAGGUG	24675
4973	G AGAA	6300	CGAUTUCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUUCAGGU	24676
4975	CUGAAGGA G AAAUCGGG	6301	CCCGAUTU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCCUUCAG	24677
4981	GAGAAAUC G GGGCCGUG	6302	UCCCUUCAAGGA GCCGUUAGGC UCCGGG	24678
4982	AGAAAUCG G GGCCGUGA	6303	UCACGGCC GGA GCCGUDAGGC UCCCUUCAAGGA GCCGUDAGGC UCCGGG CGAUUUCU	24679
4983		6304	UCCCUUCAAGGA GCCGUUAGGC UCCGGG	24680
4989	G ACUU	6305	GCCGUUAGGC UCCGGG ACGGCCCC	24681
4995	G GACU	9069	accennagec uccege aaagucac	24682
4996		6307	GGA GCCGUDAGGC UCCCUUCAAGGA GCCGUDAGGC UCCGGG	24683
5008		6308	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	24684
5009	CCCCACUG G AACAUCAG	6309		24685
5017	GAACAUCA G GCUCACCA	6310	GGA GCCGUUAGGC UCCCUUCAAGGA	24686
5031		6311	UUUUUGUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACUAUUGG	24687
5032	G ACAA	6312	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	24688
5041	G GUGA	6313	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	24689
5044	AAAACGGU G AUGUGAUU	6314	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	24690
5049	GGUGAUGU G AUUGGGCU	6315	UCCCUUCAAGGA GCCGUUAGGC	24691
5053	ල ලලදග	6316	AUAAAGCC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAUCACAU	24692
5054	ദ ഭവേ	6317	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	24693
2062	G GCAA	6318	UCCAUUGC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUAAAGCC	24694
5068		6319	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	24695
5069	UGGCAAUG G AGUCAUAA	6320	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	24696
5086	UGCCCAAC G GCUCAUAC	6321	GGA GCCGUUAGGC UCCCUUCAAGGA	24697
5103	AUAAGCGC G AUAGUGCA	6322	UGCACUAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG. GCGCUUAU	24698

UAGUGCAG G GUGAAAGG	6324	CCUUUCAC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUGCACUA 24700
UGCAGGGU G AAAGGAUG	6325	CAUCCUUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACCCUGCA 24701
G GAUGGAUG	6326	CAUCCAUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUUCACCC 24702
GGUGAAAG G AUGGAUGA	6327	UCAUCCAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUUUCACC 24703
GAAAGGAU G GAUGAGCC	6328	GGCUCAUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUCCUUUC 24704
AAAGGAUG G AUGAGCCA	6359	UGGCUCAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAUCCUUU 24705
GGAUGGAU G AGCCAAUC	6330	GAUUGGCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUCCAUCC 24706
UCCCAGCC G GAUUCGAA	6331	UUCGAAUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GGCUGGGA 24707
CCCAGCCG G AUUCGAAC	6332	GUUCGAAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CGGCUGGG 24708
CCGGAUUC G AACCUGAG	6333	CUCAGGUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GAAUCCGG 24709
UCGAACCU G AGAUGCUG	6334	CAGCAUCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGGUUCGA 24710
GAACCUGA G AUGCUGAG	6335	CUCAGCAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCAGGUUC 24711
GAGAUGCU G AGGAAAAA	6336	UUUUUCCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGCAUCUC 24712
GAUGCUGA G GAAAAAC	6337	GUUUUUUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCAGCAUC 24713
AUGCUGAG G AAAAAACA	6338	UGUUUUUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUCAGCAU 24714
AAAAAACA G AUCACUGU	6339	ACAGUGAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGUUUUUU 24715
ACUGUACU G GAUCUCCA	6340	UGGAGAUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGUACAGU 24716
CUGUACUG G AUCUCCAU	6341	AUGGAGAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAGUACAG 24717
UCCAUCCC G GCGCCGGU	6342	GGA GCCGUUAGGC UCCCUUCAAGGA
g gurai	6343	UCCCUUCAAGGA GCCGUUAGGC
UAAAACAA G GAGGAUUC	6344	GAAUCCUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUGUUUUA 24720
AAAACAAG G AGGAUUCU	6345	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG
AACAAGGA G GAUUCUGC	9769	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCCUUGUU
ACAAGGAG G AUUCUGCC	6347	GGCAGAAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUCCUUGU 24723
CUGCCACA G AUCAUCAA	6348	UUGAUGAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGUGGCAG 24724
UCAUCAAA G AGGCCAUA	6349	UAUGGCCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUUGAUGA
AUCAAAGA G GCCAUAAA	6350	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC
CAUAAACA G AAGACUGA	6351	GGA GCCGUUAGGC
AAACAGAA G ACUGAGAA	2329	GCCGUUAGGC
AGAAGACU G AGAACAGC	6369	GCUGUUCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGUCUUCU 24729
AAGACUGA G AACAGCCG	6354	CGGCUGUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCAGUCUU 24730
Ф	9355	CCACAACC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGGUUGGU 24731
ccaaccag g guuguggc	9329	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG
AGGGUUGU G GCUGCUGA	6357	UCAGCAGO GGA GCCGUUAGGO UCCCUUCAAGGA GCCGUUAGGO UCCGGG ACAACCCU 24733
ивесивси в мамивеси	8569	AGCCAUCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGCAGCCA 24734
GCUGCUGA G AUGGCUGA	6329	UCAGCCAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCAGCAGC 24735
всиваваи в всивалес	09E9	GCUUCAGO GGA GCCGUUAGGO UCCCUUCAAGGA GCCGUUAGGO UCCGGG AUCUCAGC 24736
AGAUGGCU G AAGCACUG	6361	CAGUGCUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGCCAUCU   24737
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24819	24820	24821	24822	24823	24824	24825	24826	24827	24828	24829	24830	24831	24832	24833	24834	24835	24836	24837	24838	24839	24840	24841	24842	24843	24844	24845	24846	24847	24848	24849	24850	24851	24852	24853	24854	24855	24856	24857	0,00
GCCHIIIAGGC IICCCIIIICAAGGA GCCGIIIIAGGC IICCGGA CCAAIICAII	UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGUUGUGA	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGAUAUGU	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUUUCAGA	UCCGGG CAUTUCAG	UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCAUUUCA	UCCGGG CCCAUUUC	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUGAAGUU	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GCCUUGAA	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGCUCGCC	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUGCUCGC	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACCCUGCU	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAUCACCC	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GGCUGUCA	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CGGCUGUC	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUCCGGCU	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACACUCUU	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGUUAUGA	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUCUGUUA	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUUCUGUU	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCCUUCUG	GCCGUNAGGC UCCCUUCAAGGA GCCGUNAGGC UCCGGG UUCUCCUU	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUUCUCCU	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCUUCUCC	vecese vecevier	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACUCUCCC	UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGGAUCAC	UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAGGAUCA	UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCAGGAUC	UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCCCAGGA	eccentrage uccege actiecada	ecceuvages uccase uggesegs	accennagec uccede ucudegece	UCCGGG ACGUCUCU	GCCGUUAGGC UCCGGG CACGUCUC	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GAUACGUC	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UACCGAUA	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AACUUGCG	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACCAACUU	THE PROPERTY OF THE PROPERTY O
19009 ABO TIPARATION OF 1911	AGAUAUGU GGA	6445 CCCCAUUU GGA GCCGU	6446 UVAGCCCC GGA GCCGU	6447 GUUAGCCC GGA GCCGU	GGA		6450 CUGCUCGC GGA GCCGU	6451 ACCCUGCU GGA GCCGU	6452 CAAUCACC GGA GCCGU	6453 UCAAUCAC GGA GCCGU	6454 CUGUCAAU GGA GCCGU	6455 CCGGCUGU GGA GCCGU	6456 CACUCUUC GGA GCCGU	6457 ACACUCUU GGA GCCGU	6458 UUCACACU GGA GCCGU	6459 GUUGGUUU GGA GCCGUI	6460 UUCUCCUU GGA GCCGUI	6461 CCCUUCUC GGA GCCGU	6462 UCCCUUCU GGA GCCGUI	6463 UCUCCCUU GGA GCCGUI	6464 CACUCUCC GGA GCCGU	6465 UCACUCUC GGA GCCGU	6466 AUCACUCU GGA GCCGU	6467 GGAUCACU GGA GCCGUI	6468 CCCAGGAU GGA GCCGU	GGUUCUCC GGA	UGGUUCUC GGA	GGA	GGA	GGA	GGA	s guccaceu gea	GGA	CGAUACGU GGA	6478 AUUUCUAC GGA GCCGUI	6479 ACGGAUUU GGA GCCGUI	6480 CUCAUCAC GGA GCCGUI	6481 GUACUCAU GGA GCCGUI	1.0000 and
Augainige g acimingini	G ACAUAUCU	AUGGGG	-		UGAAAUGG G GGCUAACU		GAGCAG	UUCAAGGC G AGCAGGGU	GGCGAGCA G GGUGAUUG		G AUUGACAG	-	$\vdash$	SAGUGU	G AGUGUGAA	G AMCCAAC	G AAGGAGAA			GGAGA	G GGAGAGUG	G GAGAGUGA	G AGAGUGAU	Н	Н	G GGAGAACC	G GAGAACCA	G AGAACCAU	CAUCU	AGCAGC	G AGACGUGG	G ACGUGGAC	G GACGUAUC	SUAUCG	_		G GUGAUGAG	G AUGAGUAC	THE CONTRACT OF THE PROPERTY OF THE
5821	5839	5848	5853	5854	5855	5856	5868	5871	5876	5877	5880	5884	5891	5892	5895	5901	5920	5923	5924	5926	5929	5930	5931	5933	5937	5943	5944	5945	5947	5961	5982	5984	5989	2990	5998	6002	6019	6022	- 1000

しょうりりりりり りょうこうこうじょ	6483	GUGCCCCC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGIIIAGGC UCCGGG AUAACAGII	24859
9999 9	6484	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	24860
UGUVAUGG G GGGCACAC	6485	UCCGGG	24861
GUUAUGGG G GGCACACG	6486	CGUGUGCC GGA GCCGUVAGGC UCCCUVCAAGGA GCCGUVAGGC UCCGGG CCCAVAAC	24862
NUGGGG G GCACACGA	6487	UCGUGUGC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCCCAUAA	24863
	6488	UCUUCAUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GUGUGCCC	24864
	6489	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	24865
CGAAUGAA G ACGACUCG	6490	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	24866
AUGAAGAC G ACUCGAAC	6491	GUUCGAGU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GUCUUCAU	24867
GACGACUC G AACUUCGC	6492	GCGAAGUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GAGUCGUC	24868
	6493	CCUCAGUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAUGGGCG	24869
GCCCAUUG @ ACUGAGGC	6494	GCCUCAGU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAAUGGGC	24870
	6495	UCGUGCCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGUCCAAU	24871
	6496	AUUCGUGC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCAGUCCA	24872
UGAGGCAC G AAUCAUGC	6497	GCAUGAUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GUGCCUCA	24873
	6498	AUGUTIGUE GEA GECGUDAGGE UCCEUTCAAGGA GECGUTAAGGE UCEGGG AGCAUGAU	24874
UCAUGCUG G ACAACAUC	6499	GAUGUUGU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAGCAUGA	24875
UGCCAAAC G GACUGAUC	6500	GAUCAGUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GUUGGCA	24876
GCCAAACG G ACUGAUCG	6501	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	24877
	6502	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	24878
	6503	UCCCUUCAAGGA	24879
	6504	. 1	24880
G AAGG	6505	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	24881
	6506	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	24882
UAUACCAU G GAUGGGGA	6507	GGA GCCGUUAGGC	24883
AUACCAUG G AUGGGGAA	6508	UUCCCCAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAUGGUAU	24884
CCAUGGAU G GGGAAUAC	6203	GUAUVICCO GGA GCOGULAGGO VOCCUVICAAGGA GCOGULAGGO VICOGGG AVICOAVIGG	24885
G GGAA	6510		24886
	6511	CGGUAUUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCAUCCAU	24887
	6512		24888
GGAAUACC G GCUCAGAG	6513	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	24889
	6514	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	24890
	6515	GCCGUUAGGC UCCGGG	24891
	6516	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	24892
G AAGA	6517	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	24893
GAGGAGAA G AGAGAAAA	8159	UUUUCUCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUCUCUC	24894
G AGAA	6219	UUUUUUCU GGA GCCGIJUAGGC UCCCUUCAAGGA GCCGIJUAGGC UCCGGG UCUJICUCC	24895
	6520	AGUUUUUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCUCUUCU	24896
	6521	AACAGUUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGAAAGUU	24897
ACTUALIST G AACTUALITY	6522	THE PROPERTY OF THE PROPERTY O	

24899	24900	24901	24902	24903	24904	24905	24906	24907	24908	24909	24910	24911	24912	24913	24914	24915	24916	24917	24918	24919	24920	24921	24922	24923	24924	24925	24926	24927	24928	24929	24930	24931	24932	24933	24934	24935	24936	24937	24938
GCAGUCCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AACAGUUC	CUGCAGUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCAACAGU	UCUGCAGU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUCAACAG	UGGCAGAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGCAGUCC	AAGCCAGC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAACUGGC	UNGURAGO GGA GCCGUURGGO UCCCUUCAAGGA GCCGUUAGGO UCCGGG AGCCAAAC	GCUGCAAC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUGUAAGC	ACUCCAGO GGA GCCGUUAGGO UCCCUUCAAGGA GCCGUUAGGO UCCGGG GCUGCAAC	UGACACUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGCCGCUG	AUGACACU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAGCCGCU	CCUCCGGU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GUGGUAUG	ACCACCUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GGUCGUGG	CACCACCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CGGUCGUG	AGCACCAC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCCGGUCG	CAAAGCAC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACCUCCGG	AGGACCAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAAGCACC	CCUAGGAC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUCAAAGC	UGUUUGUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UAGGACCA	eugundu gea eccennagec ucccuucaagea eccennagec uccege cuageacc	GUIGUCUU GGA GCCGUIAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UAAAAUUG	винениви вся вссвинавае иссепиславал вссвинаве исседе инсилала	UUCCACUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GUUGUUGU	೧୯୯୯	GAUGACUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CACUUCGU	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	CCUJUCAC GGA GCCGUJAGGC UCCCUJCAAGGA GCCGUJAGGC UCCGGG AAGCUJUCG	CUUCCUUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACCAAGCU	GAANCOUC GGA GCCGUDAGGC UCCCUUCAAGGA GCCGUDAGGC UCCGGG UTUCACCA	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	GGA GCCGUNAGGC UCCCUNCAAGGA GCCGUNAGGC UCCGGG	AGCGCGGC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCAGAAUC	COUCAAUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGCGCGGC	GCGUCAAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAGCGCGG	ccueeceu eea ecceunagec ucccuucaagea ecceunagec uccege aauccage	AGUACACO GGA GCCGUUAGGO UCCCUUCAAGGA GCCGUUAGGO UCCGGG UGGCGUCA	GAGUACAC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUGGCGUC	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	CUGGUGAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CGAGUACA	UNIVAGUAC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGGUGAUC
6523	6524	6525	6526	6527	6258	6239	6530	1839	6532	6533	6534	6535	6536	6537	6538	6239	6540	6541	6542	6543	6544	6545	6546	6547	6548	6549	6550	6551	6552	6553	6554	6555	6556	6557	6558	6229	6560	1959	6562
GAACUGUU G AGGACUGC	ACUGUUGA G GACUGCAG	CUGUUGAG G ACUGCAGA	GGACUGCA G AUCUGCCA	GCCAGUUU G GCUGGCUU	90	GCUVACAA G GUUGCAGC	GUUGCAGC G GCUGGAGU	CAGCGGCU G GAGUGUCA	AGCGGCUG G AGUGUCAU	CAUACCAC G ACCGGAGG	CCACGACC G GAGGUGGU	CACGACCG G AGGUGGUG	CGACCGGA G GUGGUGCU	ccedageu e euecunue	GGUGCUUU G AUGGUCCU	GCUUUGAU G GUCCUAGG	UGGUCCUA G GACAAACA	GGUCCUAG G ACAAACAC	CAAUUUUA G AAGACAAC	UUUUAGAA G ACAACAAC	ACAACAAC G AAGUGGAA	AACGAAGU G GAAGUCAU		GUCAUCAC G AAGCUUGG		AGCUUGGU G AAAGGAAG		G AA(	GAAAGGAA G AUUCUGAG	AAGAUUCU G AGGCCGCG	GAUUCUGA G GCCGCGCU		G AUT	G AC	UGACGCCA G GGUGUACU	GACGCCAG G GUGUACUC	GUGUACUC G GAUCACCA		GAUCACCA G GCACUAAA
6225	6227	6228	6235	6248	6252	6261	6270	6274	6275	6289	6293	6294	6296	6233	6307	6310	6317	6318	6334	6337	6346	6351	6352	6363	6370	6373	6377	6378	6381	6387	6389	6398	6389	6403	6410	6411	6420	6421	6429

6636         AUUGCCUU G AUUGCCUU           6648         GCCUUAUU G AGUGUGAU           6654         UUGAGUGU G AGUGUGAU           6663         UUGAGUGU G AGUGUGAU           6664         UUGAGUGU G AGUGUUUC           6664         AGUGCCAU           6669         AUGACCAU           6690         AUGACCAUG           6691         AUGACCAUG           6692         CAUGCAGC           6693         CAUGCAGC           6694         AUGCGAAG           6700         AUGCGAAG           6701         AGGCAUUGG           6702         AUGCGAAG           6703         CAUGGAAG           6704         AUGCGAAU           6705         AUGCGAUU           6706         AUGCGAUU           6710         GAAAGAUU           6714         AUAGGUUU           6715         AUGGUUUG           6716         AAGUUUGG           6717         AGGUUUGG           6716         AGGUUUGG           6717         AGGUUUGG           672         GCUGUCUU           673         GCUGUCUU           673         GCUGUCUU           673         GCUG	6604 6605 6607 6607 6609 6610 6611 6613 6613 6614 6614 6616 6616 6616	AAGGCANU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAGGCAAU AUCACACU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAGACACA AUCACACU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUCACACU AAUACUCC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUCACACU AAUACUCC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUGGUCA AGAAUACU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUGGUCAU AGAAUACU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GUGCAUG AGAAUACU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GUGCCAUG AGAAUACU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GUGCCAUG AGCCCUUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GUUCCGCU UCCAAUGCC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GUUCCGCU UAUCUUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAUGCCC AAACCUUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAAUGCCC AAACCUUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAAUGCCC AAACCUUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAAACCUA AGCGCCUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAAACCUA AGCGCCUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAACCUAA CGGCCUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAACCUAA CGGCCUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAACCUAA CGGCCCUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAACCUAA CGGCCCUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC CCGGG AAACCUAA CGGCCCUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC CCGGG AAACCUAA CGGCCUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC CCGGG AAACCUAAC CGGCCCUC GGA GCCGUUAGGC UCCCUUCAAGA GCCGUUAGGC CCGGG CAAACCGC GGA GCCCCUUCAAGA GCCGUUAGGC CCGGG CCCGGG AAACCUAC CGGCCCUC GGA GCCGUUAGGC CCCUUCAAGA GCCGUUAGGC CCGGG CAAACCGC GGA CCCCUUCAAAC GGA GCCGUUAGGC CCCUCAAAC GGA GCCGUUAGGC CCCUUCAAAC GGA GCCGUUAGGC CCCUCCAGA CCCCCCCCCC	24981 24981 24982 24983 24986 24986 24986 24987 24989 24999 24999 24999 24994 24994 24995 24996
HOUGHAND G AGNO AGUGUGAU G ADGA AUGACCAUG G GAAG GACCAUGG G GAAG GACCAUGG G GAAG CAUGCAGC G GAAA AUGCGGAA G GCA AGGGCAUU G GAAA AUUGGAAU G GAAA AUUGGAAU G GAAA AUUGGAAU G GAAC GAAAGGUUUG G GAAC GAAAGGUUUG G AGC GCUGUCUUG G GAC GCUGUCUUG G GAC UUUCUGUU G GAAC GCUGUCUUG G GAC GCUGUCUUG G GAC GCUGUCUUG G GAC GCUGUCUUG G GAC UUUCUGUU G GAC GCUGUCUUG G GAC GCUGUCCUUG G GAC UUCUGUUU G GAC GCUGUCUUG G GAC GCUGUCUUG G GAC UUCUGUUU G GAC GCUGUCUUG G ACC UUCUGUUU G GAC GGAAUUCCA G AAC GGAAUCCCA G GAAC AGUUCCAG G AAC AGUUCCCA G GAAC GGAAUCGCC G GAAC GGAAUCGCC G GAAC GGAAUCGCC G GAAC	6605 6606 6608 6609 6610 6611 6611 6615 6615 6616 6617 6619 6619 6619 6620 6621 6621 6623	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC GGA GCCGUUAGGC	24981 24982 24983 24984 24986 24987 24999 24999 24999 24999 24999 24999 24999 24999 24999 24999
UUGAGUGAU G AUGA   AGUGUGAU G ACCA   AUGACCAUG G GARG   UGACCAUG G GARG   GACCAUGCAGC G AAG   CAUGCAGC G GAAG   CAUGCAGC G GAAG   AUGCAGCA G GCA   AGCGGAAG G GCA   AGCGGAAG G GCA   AGGGCAUU G GAAA   AUUGGAAA G GUU   AUAGGUUUG G GAAG   GAGGUUUGGA G GCG   GUUUGGAA G GCG   GUUUGGAA G GCG   GUUUGGAA G GCG   GUUUGGAA G GAGG   GUUUGGAA G GCG   GUUUCUGUU G GAAG   UUCUGUU G GACC   UUUCUGUU G GACC   UUCUGUU G GACC   UUCUGUU G GACC   UUCUGUU G GACC   GAAGUUCCA G AACC   CCAGGAAC G AACC   AGGUCCAG G AACC   AGGUUCCAG G AACC   CCAGGAAC G AACC   CCAGGAAC G AACC   AGGUUCCCA G AACC   AGGUUCCCA G AACC   AGGUUCCCA G AACC   AGGUUCCCA G AACC   CCAGGAAC G AACC   CCAGGAAC G AACC   AGGUUCCCA G AACC   AGGUUCCCA G AACC   AGGUUCCCA G AACC   CUUCUCUU G AUGG	6606 6609 6609 6610 6611 6611 6613 6613 6619 6619 6619 6620 6620 6622 6623 6623 6623 6623 6623	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC GGA GCCGUUAGGC	24982 24984 24985 24986 24987 24989 24990 24990 24991 24992 24993 24994 24996 24995 24996 24996
AGUGUGAU G ACC  AUGACCAUG G GAG  UGACCAUG G GAG  GACCAUGCAGC G AAG  CAUGCAGC G AAG  AUGCAGCG G AAG  AUGCGGAA G GCA  AGGGCAUU G GAAA  AUUGGAAA G GUU  AUUGGAAA G GUU  AUAGGUUUG G GAA  GAAAGAUU G GAA  GCUGUCUU G GAA  GCUGUCUU G GAA  GCUGUCUU G GAA  UUUCUGUU G GAA  UUUCUGUU G GAA  UUUCUGUU G GAA  UUCUGUU G GAA  AGUUCCAG G ACC  UUUCUGUU G GAA  GAAGUUCCA GAAC  GAAGUCCCA GAAC  AGUUCCAG G ACC  CCAAGAAC G AAC  AGUUCCAG G AAC  AGUUCCCAG GAAC  GAAUCGCC G GAAC  CUUCUCUU G AUG	6609 6609 6610 6611 6611 6613 6613 6619 6619 6620 6620 6622 6623 6623 6623 6623 6623	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC GGA GCCGUUAGGC	24983 24984 24986 24987 24989 24990 24991 24991 24992 24993 24994 24997 24995 24995 24996 24996
AUGACCAUG G GGAG   UGACCAUG G GAGG   UGACCAUG G GAGG   CAUGCAGC G AAAC   AUGCAGCG G AAAC   AUGCAGCG G AAAC   AUGCGGAA G GCAU   AUGGGAAA G GAAAC   AUGGGAAA G GAAAC   AUGGGAAA G GAAAC   AUGGUUUG G GAAC   AUGGUUUG G GAGG   AUUUCGGUU G GAAC   UUUCUGUU G GAAC   UUCUGUU G GAAC   UUCUGUU G GAAC   UUCUGUU G GAAC   AGUUCCAG G AAC   AGUUCCCAG G AAC   AGUUCCCAG G AAC   CUUCUCUU G AUGG   CUUCUCUU G AUUCC	6608 6610 6611 6611 6611 6611 6611 6619 6619	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	24984 24985 24987 24989 24990 24991 24991 24992 24993 24994 24997 24995 24995 24996
UGACCAUG G GAGG   GACCAUGG G AAGU   CAUGCAGC G AAACACAUG G AAGU   AUGCAGCA G GAAACACAUG G AAACACAUG G AAACACAUG G AAACACAUG G AAACACAUG G AACACACAUG G ACCCUGUCUUG G GACCCUGUCUUG G GACCCUGUCUUG G GACCCUGUCUUG G GACCCUGUCUUG G GACCCUGUCUUG G ACCCUGUCUUG G ACCCUGUCUUG G ACCCUGUCUUG G ACCCUGUCUUG G ACCCUGUCUUG G ACCCUGUUGUUG G ACCCUGUUGUUG G ACCCUGUUGGAU G ACCCCCACACACACA G ACCCCCACACACA G ACCCCCACACACA	6609 6610 6611 6612 6613 6613 6614 6619 6619 6620 6620 6622 6623 6623 6623	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	24985 24986 24988 24989 24990 24991 24993 24993 24994 24995 24996 24996
GACCAUGG G AGU   CAUGCAGC G GAA   AUGCAGCG G AAA   AUGCAGCG G AAA   AGGGCAUU G GAA   AGGGCAUU G GAA   AUGGGAAA G GUU   AUAGGUUUG G GAA   AGGUUUGGAA G GUU   AUAGGUUUG G GAG   GCUGUCUUG G GAG   GCUGUCUUG G GAG   GUUUCGGUU G GAG   GUUUCGGUU G GAG   UUUCUGUU G GAG   UUUCUGUU G GAG   UUUCUGUU G GAC   UUUCUGUU G GAC   UUUCUGUU G GAC   UUCUGUU G GAC   UUCUGUU G GAC   AGGUCCAG GAAC   AGGUCCAG G AAC   AGGUCCAG G AAC   AGGUCCAG G AAC   AGGUCCCAG GAAC   AGGUCCCAG GAAC   AGGUCCCAG GAAC   AGGUCCCAG GAAC   AGGUCCCAG GAAC   AGGUCCCCAGGAAC G AAC   AGGUCCCCG GAAC   GAACCCCCAGGAAC G AAC   AGGUCCCCG GAAC   AGGUCCCCG GAAC   CUUCUCUU G AUGG	6610 6611 6612 6613 6613 6614 6619 6619 6620 6620 6622 6623 6623 6623 6623	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	24986 24987 24988 24989 24990 24992 24993 24993 24995 24995 24995 24995
CAUGCAGC G GAAK	6611 6612 6613 6614 6614 6619 6619 6620 6621 6622 6623 6623 6623	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	24987 24988 24989 24990 24991 24993 24993 24995 24995 24995
AUGCAGCG G AAGC CAGCGAAG G GCAL AGCGCAUUG G GAAA GGGCAUUG G AAAC AUUGGAAA G GUU AUUGGAAA G GUU AUAGGUUUG G GAGC GUUUGGAA G GCGC GUUUGGGA G GCGC GUUUGGGA G GCGC GUUUGGGA G GCGC GUUUGGGA G GCGC GUUUCGUU G GAGC UUUCUGUU G GACC UUUCUGUU G GACC UUUCUGUU G GACC UUUCUGUU G GACC CAGGAACGA G ACCC AGUUCCA GACC GGANUGGAU G AUCC AGUUCCAG G AACC CCAGGAAC G AACC AGUUCCAG G AACC CCAGGAAC G AACC AGUUCCAG G AACC CCAGGAAC G AACC AGUUCCAG G AACC AGUUCCAG G AACC CCAGGAAC G AACC AGUUCCCAG G AACC AGUUCCCAG G AACC CCAGGAAC G AACC AGUUCCCAG G AACC CCAGGAAC G AACC CCAGGAAC G AACC CCAGGAAC G AACC AGUUCCCAG G AACC CCAGGAAC G AACC AGUCCCCG G AAUCC AGUCCCCCG AAUCC CUUCUCUU G AUGG	6612 6613 6614 6614 6615 6617 6619 6620 6621 6622 6623 6623 6623	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	24988 24980 24990 24991 24993 24993 24994 24995 24995 24996
CAGCGGAA G GGCAL   AGGGCAUU G GAAA   GGGCAUUU G GAAA   GGGCAUUU G GAAA   AUUGGAAA G AUNG   GAAAGGUUU G GGAG   AGGUUUGGA G GGCG   GUUUGGGA G GCGC   GUUUGGGA G GCGC   GUUUGGGA G GGCG   GUUUCUGUU G GAGU   UUUCUGUU G GAGU   UUCUGUU G GAGU   UUCUGUU G GAGU   AGUUCCAG G AACG   CCAGGAAC G AACG   CCAGGAAC G AACG   AGUUCCAG G AAUG   CUUCUCUU G AUGA   CUUCUCUU G AUGA	6613 6614 6615 6615 6617 6619 6620 6621 6622 6623 6623 6623	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	24989 24990 24991 24993 24994 24995 24996 24996
AGGGGAUU G GARA GGGCAUUU G GARA GGGCAUUU G GARA GAAAGGUUU G GOAG AUGGUUUG G GAGG UNAGGUUUG G GAGG GUUUGGGA G GCGC GUUUGGGA G GCGC GUUUCGUUU G GAGU UGUCUUGG G AGUC UUUCUGUU G GAGU UUUCUGUU G GAGU UUUCUGUU G GAGU UUCUGUU G GAGU UUCUGUU G AGUC AGUUCCA G AACG CCAGGAAC G AACG AGUUCCA G AACG AGUUCCA G AACG AGUUCCA G AACG CCAGGAAC G AACG AGUCGCC G GAAU GGAUCGCC G GAAU	6614 6615 6616 6617 6619 6620 6621 6622 6623 6623 6623	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	24990 24991 24993 24994 24995 24996 24996
AGGGCAUUG G GAAAG AUGGGAAA G AUAGG GAAAGGUUU G GAAGGUUUG G GAGG UUAGGUUUG G GAGG GUUUGGGA G GCGC GUUUGGGA G GCGC GUUUCGGUU G GAGU UUUCUGUU G GAGU UUUCUGUU G GAGU UUUCUGUU G GAGU UUUCUGUU G AUGG UUGGGAU G GAGU AGGUCCA G AAGU AGGUCCA G AAGU AGGUCCA G AAGA GGAACGAAC G AAGA GGAACGAAC G AAGA GGAACGCC G GAAU GAAU	6615 6616 6617 6619 6620 6622 6622 6623 6623 6623	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	24991 24993 24994 24995 24996 24996
GGGCAUUG G AAAAC   AUUGGAAA G AUAAC   GAAAGGUUU G GGAG   UAGGUUUG G GAGG   GUUUGGGA G GCGC   GUUUGGGA G GCGC   GUUUCGUUU G GAGU   UGUCUUGG G AGUC   UUUCUGUU G GAGU   UUUCUGUU G GAGU   UUUCUGUU G GAUG   UUUCUGUU G AGUC   UUUCUGUU G AGUC   UGUUGGAU G AGGU   AAGUUCCAG G AACG   CCAGGAAC G AACG   AAGUCCCAG G AACG   AAGUCCCG G AAUG   AAGUCCCC G GAAU   GAAUCGCC G GAAU   GAAUCGCC G GAAUG   CUUCUCUU G AUGA   CUUCUCUU G AUGA   CUUCUCUU G AUGA	6616 6617 6619 6620 6621 6622 6623 6623 6623	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	24993 24994 24994 24995 24996 24996
AUUGGAAA G AUNA GAAAGAUN G GOAG UAGGUUUG G GAGG GUUUGGGA G GCGC GUUUGGGA G GCGC GUUUGGGA G GCGC GUUUCUUG G GAGU UGUCUUGG G AGUC UUUCUGUU G GAUG UUUCUGUU G GAUG UUUCUGUU G AUGG UGUUGGAN G GUGG GAAUGGC G AACG AAGUUCCA G GAACG AAGUUCCA G AACG CCAGGAAC G AACG AAGUUCCA G AACG AAGUUCCA G AACG AAGUUCCA G AACG CCAGGAAC G AACG AAGUCGCC G GAAUG AAGUCGCC G GAAUG AAGUCGCC G GAAUG CUUCUCUU G AUGG CUUCUCUU G AUGA	6619 6619 6620 6621 6621 6622 6623 6623	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGGG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGGG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGGG	24993 24994 24995 24996 24997
GAAGGUU G GUUU   AUAGGUUUG G GAGG   AGGUUUGGGA G GCGC   GUUUGGGA G GCGC   GUUUCGUUU G GAGU   CUGUCUUG G GAGU   CUGUCUUG G GAGU   CUGUCUUG G AGUC   GAGUCGC G ACCU   UUUCUGUU G GAUG   UUUCUGUU G GAUG   UUUCUGUU G AUGG   AGUUCCA G GAAC   AGUUCCA G GAAC   AGUUCCA G AACG   AGUUCCC G GAAU   GAAUCGCC G GAAU   GAAUCGCC G GAAU   GAUCGCC G GAAU   CUUCUCUU G AUGA   CUUCUCUU G AUGA	6618 6619 6620 6621 6622 6623 6623	GGA GCCGUUAGGC UCCGUUCAAGGA GCCGUUAGGC UCCGGGGGGGGGG	24994 24995 24996 24997
AUAGGUUU G GGAG   UAGGUUUG G GAGG   GUUUGGGA G GCGC   GCUGUCUUG G GAGU   CUGUCUUG G GAGU   CUGUCUUG G GAGU   UUUCUGUU G GAGU   UUUCUGUU G AUGG   UUUCUGUU G AUGG   UGUUGGAU G GAGU   UGUUGGAU G GAGU   AAGUUCCA G GAACG   AAGUUCCA G AAGAG   AAGUUCCCA G AAUGA   CUUCUUCUU G AUGAA	6619 6620 6621 6622 6623 6623	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGGGGGAA GCCGUUAGGC UCCGGGGGGGGGG	24995 24996 24997
UAGGUUUG G GAGG   AGGUUUGGA G AGGC   GUUUGGGA G GAGU   CUGUCUUG G GAGU   CUGUCUUG G AGUC   GAGUUCUGG G AGUC   GAGUUCGC G ACCU   UUUCUGUU G AUGG   UGUUGGAU G GAUG   UGUUGGAU G AUGG   AAGUUCCA G GAAC   AAGUUCCA G AACG   CCAGGAAC G AACG   AAGUCCCG G AAUG   AAGUCGCC G GAAUG   AAGUCGCC G GAAUG   CUUCUCUU G AUGA   CUUCUCUU G AUGA	6621 6621 6622 6623 6623	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGGGGGGGGG	24996 24997
AGGUUUGG G AGGC   GUUUGGGA G GCGC   GCUGUCUUG G GAGU   UGUCUUGG G AGUC   GAGUCGC G ACCU   UUUCUGUU G AUGG   UGUUGGAU G GAUG   UGUUGGAU G GAUG   UGUUGGAU G AUGG   AGUUCCAG G AACG   AGUUCCAG G AACG   AGUUCCAG G AACG   AGUUCCAG G AACG   AGUUCGCC G GAAUG   AGUUCGCC G GAAUG   AGUUCGCC G GAAUG   AGUUCGCC G AAUG   CUUCUCUU G AUGA	6621 6622 6623 6624	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	24997
GUUUGGGA G GCGC   GCUGUCUUG G GAGU   UGUCUUGG G AGUC   GGAGUCGC G ACCU   UUUCUGUU G GAUG   UUUCUGUU G AUGG   UGUUGGAU G GUUG   UGUUGGAU G GUUG   AGUUCCAG G AACU   AGUUCCAG G AACG   AGUUCCAG G AACG   AGUUCCAG G AACG   AGUUCGCC G GAAUG   AGUCGCC G GAAUG   AGUCGCC G AAUG   CUUCUCUU G AUGA   CUUCUCUU G AUGA	6622 6623 6624	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	
GCUGUCUU G GGAG   CUGUCUUG G GAGU   UGUCUGUU G ACCU   UUUCUGUU G AUGO   UUUCUGUU G AUGO   UGUUGGAU G GCUG   GGAUGGCU G AAGU   AAGUUCCA G GAACG   AAGUUCCA G AACG   AAGUCCAG G AACG   AGUUCCAG G AACG   AGUUCCAG G AACG   AGUUCCCG GAAU   GAAUCGCC G GAAU   GAUCGCCG G AAUG   CUUCUCUU G AUGA   CUUCUCUU G AUGA	6623	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGGGGGG GGA GCCGUUAAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGGG	24998
CUGUCUUG G GAGU UGUCUUGG G AGUC GGAGUCGC G ACCU UUCUGUUG G AUGG UUCUGUUG G AUGG UGUUGGAU G GCUG GGAUGGCU G AAGU AAGUUCCA G GAAC AGUUCCAG G AACG CCAGGAAC G AACG AGAUCGCC G GAAU GGAACGCC G GAAU GAUCGCC G GAAU CUUCUCUU G AUGA	6624	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	24999
UGUCUUGG G AGUC GGAGUCGC G ACCU UUUCUGUU G GUUG UGUUGGAU G GUG GGAUGGCU G AGGU GGAUGCCA G GAAC AGUUCCAG G AACG CCAGGAAC G AACG CCAGGAAC G AACG AGAUCGCC G GAAU GAUCGCC G GAAU CUUCUUU G AUGA	1		25000
GGAGUCGC G ACCU UUUCUGUU G GAUG UUUCUGUU G GUG UGUUGGAU G GCUC GGAUGGCU G AAGU AGUUCCAG G AAGU AGUUCCAG G AACG CCAGGAAC G AACG CCAGGAAC G AACG AGAUCGCC G GAAU GAUCGCCG G AAUG CUUCUCUU G AUGE	6625	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	25001
UUUCUGUU G GAUG UUCUGUUG G AUGG UGUUGGAU G GUUG GGAUGGCU G AAGU AAGUUCCAG G GAACG CCAGGAAC G AACG CCAGGAAC G AACG AGAUCGCC G GAAUG GAUCGCC G GAAUG CUUCUCUU G AUGA	6626		25002
UUCUGUUG G AUGG UGUUGGAU G GCUG GGAUGGCU G AAGU AGUUCCAG G GAACG CCAGGAAC G AACG CCAGGAAC G AACG AGAUCGCC G GAAU GAUCGCC G GAAU GAUCGCCG G AAUG CUUCUCUU G AUGA	6627	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	25003
UGUUGGAU G GCUC GGAUGGCU G AAGU AGUUCCAG G GAAC CCAGGAAC G AACC CCAGGAAC G AACG GGAACGAA G AUCG AGUCGCC G GAAU GAUCGCCG G AAUCC	6628	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	25004
AGUUCCA G AAGU AGUUCCAG G GAAC CCAGGAAC G AACG GGAACGAA G AUCG AGUUCGCC G GAAU GAUCGCCG G AAUG CUUCUCUU G AUGA	6239	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	25005
AAGUUCCA G GAAC CCAGGAAC G AAGE GGAACGAA G AUCG AGAUCGCC G GAAU GAUCGCCG G AAUG CUUCUCUU G AUGA	6630	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	25006
AGUUCCAG G AACC CCAGGAAC G AAGA GGAACGAA G AUCC AGAUCGCC G GAAU GAUCGCCG G AAUCC CUUCUCUU G AUGA	6631	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	25007
CCAGGAAC G AAGA GGAACGAA G AUCG AGAUCGCC G GAAU GAUCGCCG G AAUG CUUCUCUU G AUGA	6632	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	25008
GGAACGAA G AUCC AGAUCGCC G GAAU GAUCGCCG G AAUG CUUCUCUU G AUGA CUCUUGAU G AUUG	6633	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	25009
AGAUCGCC G GAAU GAUCGCCG G AAUG CUUCUCUU G AUGA CUCUUGAU G AUUG	6634	CCGGCGAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUCGUUCC	25010
	6635	CAACAUUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GGCGAUCU	25011
CUUCUUGAU	9699	GCAACAUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CGGCGAUC	25012
CUCUUGAU G	6637	ACAAUCAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAGAGAAG	25013
	6638	AGCACAAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUCAAGAG	25014
UAAUUCCU G	6639	GGA GCCGUUAGGC UCCCUUCAAGGA	25015
CUGAGCCA	6640	UNGCUUCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGGCUCAG	25016
	6641	COUNCOUN GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCUGGCUC	25017
6852 CGUUCGCA G ACAGACAA	6642	UNGUCUEU GGA GCCGUUAGEC UCCCUUCAAGGA GCCGUUAGEC UCCGGG UGCGAACG	25018

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25137	ACTIONAL CON COCCUDAGE UCCCUUCAAGA GCCGUUAGE UCCGGG UUUUGCCC	6761	GGGCAAAA G GACGCACC	7693
25136	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	09/9	39 B	7686
25135	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	6229	) 99 9	7685
25134	GGA GCCGUUAGGC UCCCUUCAAGGA	6758	ල ලලැ	7684
25133	UGCCCCAC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCUUUUVA	6757	UAAAAAGA G GUGGGGCA	7681
25132	CCCCACCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUUUUAGU	9529	ACUAAAAA G AGGUGGG	1679
25131		6755	AAAACCAG G ACUAAAAA	7670
25130		6754	AAAAACCA G GACUAAAA	1669
25129	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	6723	G AA	1660
25128	1	6752	G GA	7659
25127	UCCAUGUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUUAUGAG	6751	G AA	7653
25126	AUGAGUGU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAUGUUAU	6750	AUAACAUG G ACACUCAU	7641
25125	UGAGUGUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUGUUAUG	6749	CAUNACAU G GACACUCA	7640
25124	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	6748		7616
25123	UCCCUUCAAGGA GCCGUUAGGC UCCGGG	6747	ദ സേ	7612
25122	AACCAACC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCACGCAU	6746	AUGCGUGG G GGUUGGUU	7611
25121	ACCAACCC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CACGCAUG	6745	ดยกดออย อ อกออยกงอ	7610
25120	CCAACCCC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACGCAUGA	6744	ucaugegu e gegguuge	7609
25119	GGCAGAGU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CGAUGGCA	6743	UGCCAUCG G ACUCUGCC	7589
25118	GCAGAGUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GAUGGCAG	6742		7588
25117	GUUGCGUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAAACAGA	6741	UCUGUUUG G AACGCAAC	7569
25116	UUGCGUUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAACAGAG	6740	CUCUGUUU G GAACGCAA	7568
25115	AGCUUGCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAUUCUCC	6229	GGAGAAUG G AGCAAGCU	7553
25114	GCUUGCUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUUCUCCC	6738	GGGAGAAU G GAGCAAGC	7552
25113	GCUCCAUT GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCCCAAAG	6737	CUUUGGGA G AAUGGAGC	7548
25112	UCCAUUCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCAAAGCG	6736	CGCUUUGG G AGAAUGGA	7546
25111	CCAUUCUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAAAGCGU	6735	ACGCUUUG G GAGAAUGG	7545
25110	CAUUCUCC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAAGCGUC	6734	GACGCUUU G GGAGAAUG	7544
25109	CAAAGCGU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACCGCUGC	6733	GCAGCGGU G ACGCUUUG	7536
25108	AGCGUCAC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GCUGCGGC	6732	eccecaec e eneacecu	7533
25107	GCUGCGGC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GUGAUCAA	6731	UNGAUCAC G GCCGCAGC	7524
25106	GCCGUGAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAAUUCC	6730	GGAAUUUU G AUCACGGC	7518
25105	UCAAAAUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CGGCUUCU	6229	AGAAGCCG G AAUUUUGA	7511
25104	CAAAAUUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GGCUUCUC	6728	G GA	7510
25103	UCCGGCUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCGUACUG	6727	CAGUACGA G AAGCCGGA	7504
25102	CGGCUUCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GUACUGUC	6726	GACAGUAC G AGAAGCCG	7502
25101	CGUACUGU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUCACAGA	6725	UCUGUGAA G ACAGUACG	7494
25100	ACUGUCUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACAGACGG	6724	CCGUCUGU G AAGACAGU	7491
25099	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	6723	GUAGUAGU G AACCCGUC	7479

| +                       | CCAAGGUG 25141      | T        | AAACCUCU 25144          | -                       | H                       | $\dagger \dagger \dagger$ | 1111                    |                                              |                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              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7904	ACCGGUCG G AAAAGUGA	6804	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CGACCGGU	5180
7911	GGAAAGU G AUUGACCU	6805	ACUUUUCC	5181
7915	AAGUGAUU G ACCUUGGA	9089	GCCGUUAGGC UCCGGG AAUCACUU	5182
7921	UUGACCUU G GAUGUGGA	6807	UCCACAUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAGGUCAA 25183	5183
7922	UGACCUUG G AUGUGGAA	6808	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAAGGUCA	5184
7927	UUGGAUGU G GAAGAGGC	6889	accentrage uccege acauccaa	5185
7928	UGGAUGUG G AAGAGGCG	6810	CACAUCCA	5186
7931	AUGUGGAA G AGGCGGUU	6811	uccege uuccacau	5187
7933	GUGGAAGA G GCGGUUGG	6812	UCUUCCAC	5188
7936	GAAGAGGC G GUUGGUGU	6813	UCCCUUCAAGGA GCCGUUAGGC UCCGGG GCCUCUUC	5189
7940	AGGCGGUU G GUGUUACU	6814		5190
7953	UACUAUAU G GCAACCCA	6815		5191
1967	CCAAAAAA G AGUCCAAG	6816	UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUUUUUGG	5192
7975	GAGUCCAA G AAGUCAGA	6817	uccege unegacuc	5193
7982	AGAAGUCA G AGGGUACA	6818	UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGACUUCU	5194
7984	AAGUCAGA G GGUACACA	6819	accennagae uccega ucudaeuu	5195
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7995	UACACAAA G GGCGGUCC	6821		5197
7996	ACACAAAG G GCGGUCCC	6822	cutuatieu	5198
7999	CAAAGGGC G GUCCCGGA	6823	UCCCUUCAAGGA GCCGUUAGGC UCCGGG GCCCUUUG	5199
8005	GCGGUCCC G GACAUGAA	6824	UCCCUUCAAGGA GCCGUUAGGC UCCGGG GGGACCGC	5200
9008	CGGUCCCG G ACAUGAAG	6825	accentrage tecese ceesaces	5201
8011	CCGGACAU G AAGAGCCC	6826		25202
8014	GACAUGAA G AGCCCCAA	6827	UNGGGGCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUCAUGUC 25203	5203
8038	AAAGUUAU G GAUGGAAC	6828	accentrage uccage anaacutu	5204
8039	AAGUUAUG G AUGGAACA	6839	CAUPACUU	5205
8042	UVAUGGAU G GAACAUUG	6830	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUCCAUAA	5206
8043	UAUGGAUG G AACAUUGU	6831	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAUCCAUA	5207
8028	GUCACCAU G AAGAGUGG	6832	accennage uccege augengac	25208
8061	ACCAUGAA G AGUGGAGU	6833	accentrage uccege uncauged	5209
8065	UGAAGAGU G GAGUGGAU	6834	UCCGGG ACUCUUCA	5210
9908	GAAGAGUG G AGUGGAUG	6835	accentragec uccaga	5211
8070	AGUGGAGU G GAUGUGUU	6836	UCCGGG ACUCCACU	5212
8071	GUGGAGUG G AUGUGUUC	6837	UCCCUUCAAGGA GCCGUUAGGC UCCGGG CACUCCAC	5213
8084	GUICUACA G ACCUUCUG	6838		5214
8092	GACCUUCU G AGUGUUGU	6839	GCCGUUAGGC UCCGGG AGAAGGUC	5215
8101	AGUGUUGU G ACACCCUC	6840	ACAACACU	25216
8116	UCCUUUGU G ACAUCGGA	6841	GCCGUUAGGC UCCGGG ACAAAGGA	5217
8122	GUGACAUC G GAGAGUCC	6842	GGACUCUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GAUGUCAC 25218	5218

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ACAUCGGA G AGUCCUCG	6844	UCCGAUGU
CAAGUGCU G AGGUUGAA	6845	UCCGGG AGCACUUG
G GUUC	6846	accenuagec uccege ucaecacu
CUGAGGUU G AAGAGCAU	6847	accentrage ucceed aaccucag
AGGUUGAA G AGCAUAGG	6848	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUCAACCU
AGAGCAUA G GACGAUUC	6849	UCCCUUCAAGGA GCCGUUAGGC UCCGGG UAUGCUCU
GAGCAUAG G ACGAUUCG	6850	GCCGUUAGGC UCCGGG CUAUGCUC
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GGGUCCUU G AAAUGGUU	6854	GCCGUUAGGC UCCGGG AAGGACCC
CUUGAAAU G GUUGAGGA	6855	AUUUCAAG
AAAUGGUU G AGGACUGG	6856	
AUGGUUGA G GACUGGCU	6857	UCCGGG UCAACCAU
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1	6889	GCCGUUAGGC UCCGGG AGUCCUCA
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UGCACCGA G GGCCAAGG	6861	UCGGUGC'A
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UUUUGCGU G AAGGUGCU	9989	UCCGGG ACGCAAAA
UGCGUGAA G GUGCUCUG	6867	UUCACGCA
UACAUGCC G AAAGUCAU	6868	UCCGGG GGCAUGUA
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AUAGAGAA G AUGGAGCU	6871	accounage ucceed uncucuau
GAGAAGAU G GAGCUGCU	6872	GCCGUUAGGC UCCGGG AUCUUCUC
AGAAGAUG G AGCUGCUC	6873	GAGCAGCT GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAUCUUCU 25249
CCAACGCC G GUAUGGGG	6874	
GCCGGUAU G GGGGGGA	6875	GCCGUUAGGC UCCGGG AUACCGGC
CCGGUAUG G GGGGGGAC	6876	GCCGUUAGGC UCCGGG CAUACCGG
CGGUAUGG G GGGGGACU	6877	GCCGUUAGGC UCCGGG CCAUACCG
GGUAUGGG G GGGGACUG	6878	CCCAUACC
GUAUGGGG G GGGACUGG	6839	UCCGGG CCCCAUAC
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AGUCCCCC	UGACCAGU	GUGAGAGU	CGUGAGAG	GUGCGUGG	ucauacau	AAUACAUC	CAAUACAU	ACCCAAUA	GACUCACC	UGAAGCUC	ACAUUGCC	ACUGAAUG	AUAUUCAC	uggcuggu	UAGGAGCA	CUAGGAGC	UUCCUAGG	AUUCUUCC	CAUUCUUC	ບບບບບບດດ	ຕນນນນນດ	AGGUCCUU	CAGGUCCU	UUCCAGGU	CUUCCAGG	CCUUCCAG	GUAUUGGG	UCGUAUUG	CUCGUAUU	ບນດດນດອນ	AAGUUUAC	CAAGUUUA	CCAAGUUU	ACUUCCCA	CACUUCCC	UGGUUCCA	cuganucc	ecccneen	ACCGCCCU
UCCGGG	uccege		೧೮୯୯୯	nccee	UCCGGG	UCCGGG	UCCGGG	ncceee	UCCGGG	೧୯୯୯			೧೮୯୯	UCCGGG	ŀ		೧୯୯୯ଟ	೧୯୯୯	UCCGGG	ರಾಲಾಗ	ນດດຜອດ	೧୯୯୯	uccege	UCCGGG	UCCGGG	uccege	UCCGGG	೧೮୯୯६	UCCGGG	- 1	UCCGGG	വഠദേദദ	UCCGGG	ຄຣວວວດ	UCCGGG	UCCGGG	UCCGGG	UCCGGG	UCCGGG
GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC
UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA
GCCGUUAGGC 1	1 1		GCCGUUAGGC 1	GCCGUUAGGC 1	accennagec 1	GCCGUUAGGC 1	GCCGUUAGGC 1	GCCGUUAGGC 1	GCCGUUAGGC 1	GCCGUUAGGC 1	GCCGUUAGGC 1	GCCGUUAGGC	GCCGUUAGGC 1	GCCGUUAGGC	l.	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	accennagec 1	GCCGUUAGGC	GCCGUUAGGC	l.	Ι.	GCCGUUAGGC	GCCGUUAGGC		GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUNGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC
UUUCUGAC GGA	guegeuuu gaa	UGGAAUUC GGA	GUGGAAUU GGA	AUACAUCU GGA	CAAUACAU GGA	GACUCACC GGA	CGACUCAC GGA	GCUCGACU GGA	CUGAAGCU GGA	CACAUUGC GGA	GAAUGUAC GGA	GUCAUAUU GGA	UGGCUGGU GGA	AGGAGCAC GGA	CAUUCUUC GGA	ccauucuu gga	UUUCCAUU GGA	COUNTING GGA	ccoording gaa	UCCAGGUC GGA	UUCCAGGU GGA	GUCCCUUC GGA	GGUCCCUU GGA	UGGGGUCC GGA	UUGGGGUC GGA	AUUGGGGU GGA	1 1	ACAUCUUC GGA	UACAUCUU GGA	GUUUACAU GGA	CCACTUCC GGA	UCCACUUC GGA	UUCCACUU GGA	ccueduuc gea	cccugguu ggA	CCACCGCC GGA	CCCACCGC GGA	UUUCCCAC GGA	GEUUTUUCC GGA
6883	6884	6885	9889	6887	6889	6889	6890	6891	6892	6893	6894	6895	9689	6897	8689	6899	0069	6901	6902	6903	6904	6905	9069	6907	8069	6069	6910	6911	6912	6913	6914	6915	9169	6917	6918	6169	6920	6921	6922
GGGGGACU G GUCAGAAA	1	ACUCUCAC G GAAUUCCA	CUCUCACG G AAUUCCAC	CCACGCAC G AGAUGUAU	ACGCACGA G AUGUAUUG	GAUGUAUU G GGUGAGUC	AUGUAUUG G GUGAGUCG	G AGE	G AG	GAGCUUCA G GCAAUGUG	GGCAAUGU G GUACAUUC	CAUUCAGU G AAUAUGAC	GUGAAUAU G ACCAGCCA	ACCAGCCA G GUGCUCCU	UGCUCCUA G GAAGAAUG	GCUCCUAG G AAGAAUGG	CCUAGGAA G AAUGGAAA	GGAAGAAU G GAAAAAAG	G AA	GGAAAAA G GACCUGGA	G AC	AAGGACCU G GAAGGGAC	AGGACCUG G AAGGGACC	ACCUGGAA G GGACCCCA	CCUGGAAG G GACCCCAA	CUGGAAGG G ACCCCAAU	G AG	CAAUACGA G GAAGAUGU	AAUACGAG G AAGAUGUA	G AU	GUAAACUU G GGAAGUGG	UNAACUUG G GAAGUGGA	AAACUUGG G AAGUGGAA	UGGGAAGU G GAACCAGG	GGGAAGUG G AACCAGGG	UGGAACCA G GGCGGUGG	GGAACCAG G GCGGUGGG	ACCAGGGC G GUGGGAAA	AGGGCGGU G GGAAAACC
8298	8303	8318	8319	8332	8334	8342	8343	8346	8351	8359	8367	8379	8385	8394	8404	8405	8408	8412	8413	8420	8421	8426	8427	8430	8431	8432	8443	8445	8446	8449	8460	8461	8462	8467	8468	8474	8475	8478	8481

8482	GGGCGGUG G GAAAACCC	6923	GAGUIUUC GGA GCCGUIAGGC UCCCUICAAGGA GCCGIUAGGC UCCGGG CACCGCCC	25299
8483	G AA	6924		25300
8503	UCAACUCA G ACACCAGU	6925	ACUGGUGU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGAGUUGA	25301
8520		6926	accennage uccees	25302
8525	CAAGAACA G GAUUGAAC	6927	GUUCAAUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGUUCUUG	25303
8526	AAGAACAG G AUUGAACG	6928	CGUUCAAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUGUUCUU	25304
8530	ACAGGAUU G AACGACUC	6359	GAGUCGUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAUCCUGU	25305
8534	GAUUGAAC G ACUCAGGC	6930	GCCUGAGU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GUUCAAUC	25306
8540	ACGACUCA G GCGUGAGU	6931	ACUCACGO GGA GCCGUUAGGO UCCCUUCAAGGA GCCGUUAGGO UCCGGG UGAGUCGU	25307
8545	UCAGGCGU G AGUACAGU	6932	ACUGUACU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACGCCUGA	25308
8556	UACAGUUC G ACGUGGCA	6933	GCCGUUAGGC UCCGGG	25309
8561	UUCGACGU G GCACCACG	6934	CGUGGUGC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACGUCGAA	25310
8569	GGCACCAC G AUGAGAAC	6935	UCCCUUCAAGGA	25311
8572	ACCACGAU G AGAACCAC	6936	GUGGUUCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUCGUGGU	25312
8574		6937	GGGUGGUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCAUCGUG	25313
8288	CCCAUAUA G AACCUGGA	6938	uccadeuu eda geceuuadee uccoucaagea ecceuuagee uccege uauauge	25314
8594	UAGAACCU G GAACUAUC	6839	GCCGUUAGGC	25315
8595	AGAACCUG G AACUAUCA	6940	GCCGUUAGGC UCCGGG	25316
8605	ACUAUCAC G GCAGUUAU	6941	AUAACUGO GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GUGAUAGU	25317
8614	GCAGUUAU G AUGUGAAG	6942	CUUCACAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUAACUGC	25318
8619	UAUGAUGU G AAGCCCAC	6943	guagacuu aga accaunagac ucccuucaagaa accaunagac uccaga acaucaua	25319
8629		6944	GGCGGAGC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGUGGGCU	25320
8646	AGUUCGCU G GUCAAUGG	6945	CCAUUGAC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGCGAACU	25321
8653		6946	GCCGUUAGGC UCCGGG	25322
8654	GGUCAAUG G AGUGGUCA	6947	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	25323
8658	AAUGGAGU G GUCAGGCU	6948	AGCCUGAC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACUCCAUU	25324
8663	AGUGGUCA G GCUCCUCU	6949	AGAGGAGC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGACCACU	25325
8681	, ,	6950	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	25326
8682	AAACCAUG G GACACCAU	6951	UCCGGG	25327
8683	AACCAUGG G ACACCAUC	6952	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	25328
8694	ACCAUCAC G AAUGUUAC	6953	accampage uccage	25329
8709	ACCACCAU G GCCAUGAC	6954	UCCCUUCAAGGA	25330
8715	AUGGCCAU G ACUGACAC	6955	GUGUCAGU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUGGCCAU	25331
8719	Ð	9569	AGUAGUGU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGUCAUGG	25332
8734	Q	6957	೧୯୯୯	25333
8735	ರ	6958		25334
8744	GCAGCAGC G AGUGUUCA	6369	UGAACACU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GCUGCUGC	25335
8755	UGUUCAAA G AGAAGGUG	0969	CACCUUCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUUGAACA	25336
8757	UUCAAAGA G AAGGUGGA	6961	UCCACCUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCUUUGAA	25337
8760	AAAGAGAA G GUGGACAC	6962	GUGUCCAC GGA GCCGUDAGGC UCCCUUCAAGGA GCCGUDAGGC UCCGGG UUCUCUUU	25338

8763	GAGAAGGU G GACACGAA	6963	unceueuc eaa ecceunagec ucccuncaagaa ecceunagec uccege accuncuc	25339
8764	AGAAGGUG G ACACGAAA	6964	nancenen een eccennacec nccancancen eccennacec nccese cacana	25340
8769	GUGGACAC G AAAGCUCC	969	OGAGOUNO GEORGIO DE LA COUNTAIN DE COUNTAI	25341
8779	AAGCUCCU G AACCGCCA	9969	ивесевии вем ессепимаес иссписамеем ессепимеес иссеем мевмести	25342
8788	AACCGCCA G AAGGAGUG	6967	UCCCUUCAAGGA	25343
8791	CGCCAGAA G GAGUGAAG	8969	CONCACUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUCUGGCG	25344
8792	GCCAGAAG G AGUGAAGU	6969	ACUUCACU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUUCUGGC	25345
8796	GAAGGAGU G AAGUACGU	6970	ACGUACUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACUCCUUC	25346
8812	UGCUCAAU G AGACCACC	6971	GEUGGUCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUUGAGCA	25347
8814	CUCAAUGA G ACCACCAA	6972	UUGGUGGU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCAUUGAG	25348
8825	CACCAACU G GUUGUGGG	6973	CCCACAAC GGA GCCGUVAGGC UCCCUUCAAGGA GCCGUVAGGC UCCGGG AGUVGGUG	25349
8831	cuaeureu e aeceuruu	6974	AAAACGCC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACAACCAG	25350
8832	uceurene e eceurum	6975	AAAAACGC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CACAACCA	25351
8841	GCGUUUUU G GCCAGAGA	9269	UCUCUGGO GGA GCCGUUAGGO UCCCUUCAAGGA GCCGUUAGGO UCCGGG AAAAACGC	25352
8846	UUUGGCCA G AGAAAAC	6977	GUUUUUCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGGCCAAA	25353
8848	UGGCCAGA G AAAAACGU	6978	ACGUNUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCUGGCCA	25354
8861	ACGUCCCA G AAUGUGCU	6979	AGCACAUV GGA GCCGUVAGGC UCCCVVCAAGGA GCCGUVAGGC UCCGGG UGGGACGU	25355
8873	GUGCUCUC G AGAGGAAU	6980	AUUCCUCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GAGAGCAC	25356
8875	GCUCUCGA G AGGAAUUC	6981	GAAUUCCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCGAGAGC	25357
8877	UCUCGAGA G GAAUUCAU	6982	AUGAAUUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCUCGAGA	25358
8878	CUCGAGAG G AAUUCAUA	6983	UAUGAAUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUCUCGAG	25359
8888	AUUCAUAA G AAAGGUCA	6984	UGACCUUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUAUGAAU	25360
8892	AUAAGAAA G GUCAACAG	6985	CUGUUGAC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUUCUUAU	25361
8913	GCAGCUUU G GGUGCCAU	9869	AUGGCACC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAAGCUGC	25362
8914	CAGCUUUG G GUGCCAUG	6987	CAUGGCAC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAAAGCUG	25363
8926	CCAUGUUU G AAGAGCAG	8869	CUGCUCUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAACAUGG	25364
8929		6869	AUNCUGCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUCAAACA	25365
8934		0669	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	25366
8942	GAAUCAAU G GAGGAGCG	6991	GCCGUUAGGC UCCGGG	25367
8943		6992	ececuccu ega eccennagec ucccuncaagga eccennagge uccege caunganu	25368
8945	UCAAUGGA G GAGCGCCA	6993	GCCGUUAGGC	25369
8946		6994	COGCECCO GEA GCCEUUAGEC UCCCUUCAAGEA GCCEUUAGEC UCCGGG CUCCAUUG	25370
8954	GAGCGCCA G AGAAGCAG	6995	UCCCUUCAAGGA	25371
8956	GCGCCAGA G AAGCAGUU	9669	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	25372
8962	AAGCAGUU G AAGAUCCA	6997	negancini ega eccennadec necenneaaga eccennadec necese aacuecun	25373
8968	CAGUUGAA G AUCCAAAA	6998	UNIVIGENU GEN GCCGUUNGGC UCCCUUCANGGN GCCGUUNGGC UCCGGG UUCAACUG	25374
1868	AAAAUUUU G GGAGAUGG	6669	CCAUCUCC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAAAUUUU	25375
8982	AAAUUUUG G GAGAUGGU	7000	ACCAUCUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAAAAUUU	25376
8983		7001	uccaga	25377
8982	UUUUGGGA G AUGGUGGA	7002	UCCACCAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCCCAAAA	25378

GAGAUGGU G GAUGAGGA         7004           AGAUGGUG G AUGAGGAG         7005           UGGUCGAU G AGGAGCGC         7006           GUGGAUGA G GAGCGCGA         7007           UGGAUGAG G GAGCGCAA         7007           UGGAUGAG G AGCCGCAG         7009           AGCAGCACAU         7010           ACAUCUGC G AGGGAAUG         7011           CAUCUGCG G GGGAAUGU         7013           UCUGCGGG G GGAAUGUC         7013           UCUGCGGG G GGAAUGUC         7014	UCCUCAUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACCAUCUC CUCCUCAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CACCAUCU GCGCUCCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUCCACCA UCGCGCUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCAUCCAC CUCGCGCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCAUCCAC AUGUGCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GCCGUUCCU ACANTANGA GCAGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GCCCUCCU	25380 25381 25382
	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	25381
	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	25382
	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGGGGGAA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGGGGGGGGG	
	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	25383
	GGA GCCGUIAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	25384
	SEPONI DEPOSE ASSA ANTINOCHI DESCRIPTION ASSA	25385
	פפש פרנפססשפפר חררכססרשפפט פרנפססשפר	25386
	eccentrage occaga	25387
	accevinagec uccede	25388
	. 1	25389
	UCCCUUCAAGGA GCCGUUAGGC UCCGGG	25390
AUGUCA 7015	UCCCUUCAAGGA GCCGUUAGGC UCCGGG	25391
JGUCAC 7016	GUGACAUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCCCCGCA	25392
GGGAAA 7017	UCCCUUCAAGGA GCCGUUAGGC UCCGGG	25393
G GGAAAGAG 7018	GCCGUUAGGC UCCGGG	25394
AAGAGA 7019	UCCCUUCAAGGA GCCGUUAGGC UCCGGG	25395
AGAGAG 7020	GCCGUUAGGC UCCGGG	25396
AUGGGAAA G AGAGAGAA 7021	accedunagec ucceed	25397
GGGAAAGA G AGAGAAAA 7022		25398
AAAAA 7023	UCCCUUCAAGGA GCCGUUAGGC UCCGGG	25399
AAAACC 7024	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	25400
-	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	25401
AGUUCG 7026	UCCCUUCAAGGA GCCGUUAGGC UCCGGG	25402
	accennages ucconneaaga gecennages uccede	25403
GAGAGUUC G GAAAGGCC 7028	GCCGUUAGGC UCCGGG	25404
G AAAGGCCA 7029		25405
CAAGGG 7030	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	25406
	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	25407
AGGCCAAG G GAAGCAGA 7032	UCCCUUCAAGGA GCCGUUAGGC UCCGGG	25408
GGCCAAGG G AAGCAGAG 7033	GCCGUUAGGC UCCGGG	25409
CCAUUU 7034	APAUGGCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGCUUCCC	25410
UCAUGU 7035		25411
UCGGAG 7036	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	25412
GCUCGC 7037	UCCGGG	25413
cucecu 7038	GCCGUUAGGC UCCGGG	25414
GUUCGA 7039	GCCGUUNGGC UCCGGG	25415
GCUUUCUG G AGUUCGAG 7040	GCCGUUAGGC UCCGGG	25416
GCUCUG 7041	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	25417
GCUCUGGG 7042	CCCAGAGC GGA GCCGUJAGGC UCCCUUCAAGGA GCCGUJAGGC UCCGGG UCGAACUC	25418

**Table V** 

25419	25420	25421	25422	25423	25424	25425	25426	25427	25428	25429	25430	25431	25432	25433	25434	25435	25436	25437	25438	25439	25440	25441	25442	25443	25444	25445	25446	25447	25448	25449	25450	25451	25452	25453	25454	25455	25456	25457	25458
AGAGCCUC	CAGAGCCU	AUUGAGAA	UUCAUUGA	AGUGGUCU	AAGCCAGU	CAAGCCAG	UUCCAAGC	unacancc	UGAGUUCU	CUGAGUUC	UCCUGAGU	CUCCUGAG	uccese uccuccus	GACACCUC	UCGACACC	CUCGACAC	AAGCCCUC	CAAGCCCU	AGUUUUUG	CAGUUUUU	ACGCAGGA	AACUUCAC	GGGGGCCA	AGGCCGGG	CAGGCCGG	CCAGGCCG	CCCAGGCC	nneccccc	AGCAUAGA	AUCAGCAU	AGCUGUGU	AGCCAGCU	CAGCCAGC	CCAGCCAG	GUGAUGCG	UCGUGAUG	AGCUCUCG	AAGUCAGC	CAAGUCAG
UCCGGG		UCCGGG	UCCGGG	UCCGGG	UCCGGG	UCCGGG	UCCGGG	UCCGGG	UCCGGG	UCCGGG	UCCGGG		UCCGGG	UCCGGG	UCCGGG	೧୯୯୯୯	UCCGGG	UCCGGG	UCCGGG	೧୯୯୯	UCCGGG	UCCGGG	UCCGGG	UCCGGG	UCCGGG	UCCGGG	೧୯୯୯	UCCGGG		UCCGGG	UCCGGG	UCCGGG	UCCGGG	UCCGGG	ರಾದಿ	೧୯୯၉၉	UCCGGG	UCCGGG	UCCGGG
GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC
UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA
GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC 1	GCCGUUAGGC	GCCGUUAGGC 1	GCCGUUAGGC	accannagec 1	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC 1	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC 1	GCCGUUAGGC 1	GCCGUUAGGC 1	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC 1	1	GCCGUUAGGC	GCCGUUAGGC 1	GCCGUUAGGC	accennagec 1	GCCGUUAGGC	GCCGUUAGGC	1	GCCGUUAGGC 1	GCCGUUAGGC	GCCGUUAGGC 1	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC 1
AGAAAACC GGA		guagucuu gaa	CCAGUGGU GGA	UUCCAAGC GGA	comocone ggA	UCUUUCUU GGA	AGUUCUUU GGA	CCUGAGUU GGA	ACCUCCUC GGA	CACCUCCU GGA	GACACCUC GGA	CGACACCU GGA	CUCGACAC GGA	CAAGCCCU GGA	CCCAAGCC GGA	GCCCAAGC GGA	UGGAGGCC GGA	UUGGAGGC GGA	AUGUAACC GGA	GAUGUAAC GGA	GCCAACUU GGA	CCGGGUGC GGA	CCCCAGGC GGA	CUUGCCCC GGA	UCUUGCCC GGA	AUCUUGCC GGA	GAUCTUGC GGA	GCAUAGAU GGA	١. ا	AGCUGUGU GGA	GUCCCAGC GGA	GGGUGUCC GGA	CGGGUGUC GGA	accecueu cea	ucagcucu gga	AGUCAGCU GGA	UUCCAAGU GGA	UCAUUUUC GGA	UUCAUUUU GGA
7043	7044	7045	7046	7047	7048	7049	7050	7051	7052	7053	7054	7055	7056	7057	7058	7059	2060	7061	7062	7063	7064	7065	9902	7907	7068	4907	1070	1001	7072	7073	7074	7075	2006	7077	7078	7079	7080	7081	7082
GAGGCUCU G GGINNUCU	둳		UCAAUGAA G ACCACUGG	AGACCACU G GCUUGGAA	ACUGGCUU G GAAGAAG	CUGGCUUG G AAGAAAGA	GCUUGGAA G AAAGAACU	GGAAGAAA G AACUCAGG	AGAACUCA G GAGGAGGU		ACUCAGGA G GAGGUGUC	CUCAGGAG G AGGUGUCG	CAGGAGGA G GUGUCGAG	GAGGUGUC G AGGGCUUG	GOUGUCGA G GCCUUGGG	GUGUCGAG G GCUUGGGC	GAGGGCUU G GGCCUCCA	AGGGCUUG G GCCUCCAA	CAAAAACU G GGUUACAU	ŋ	UCCUGCGU G AAGUUGGC	GUGAAGUU G GCACCCGG	UGGCACCC G GCCUGGGG	CCCGGCCU G GGGCCAAG	CCGGCCUG G GGGCAAGA		GGCCUGGG G GCAAGAUC	GGGGGCAA G AUCUAUGC	UCUAUGCU G AUGACACA	AUGCUGAU G ACACAGCU	ຍ	AGCUGGCU G GGACACCC	G GA		CGCAUCAC G AGAGCUGA	CAUCACGA G AGCUGACU	CGAGAGCU G ACUUGGAA	G GAA	CUGACUUG G AAAAUGAA
9153	9154	9166	9169	9116	9181	9182	9185	9189	9196	9197	9199	9200	9202	9208	9210	9211	9216	9217	9231	9232	9247	9253	9260	9265	9266	9267	9268	9273	9283	9286	9295	9299	9300	9301	9315	9317	9322	9327	9328

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GAAGCUAA G GUGCUUGA		GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUAGCUUC	25460
accuectu e accuectu	JU 7085	AAGCAGCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAGCACCU	25461
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GGAACAUC G GCGUCUUG	JG 7091	CAAGACGC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GAUGUUCC	25467
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CUUGCCAG G GCCAUCAU	AU 7093	AUGAUGGC GGA GCCGUURGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUGGCAAG	25469
CCAUCAUU G AGCUCACC	CC 7094	GGUGAGCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAUGAUGG	25470
•	AU 7095	AUCACUUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACAACUUU	25471
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	CG 7100	UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAUCAGCA	25476
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CCGUCAUG G AUGUUAUC	JC 7103	CAUGACGG	25479
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UCUCCAGA G AAGAUCAG	4G 7105	UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCUGGAGA	25481
CCAGAGAA G AUCAGAGG	3G 1106	accountage uccentraagea accoutages ucceed uncuertig	25482
GAAGAUCA G AGGGGGAG	AG 7107		25483
AGAUCAGA G GGGGAGUG	JG 7108	CACUCCCC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCUGAUCU	25484
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GGGGGAGU G GACAAGUU	JU 7113	AACTUGUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACUCCCCC	25489
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ACCAACCU G GCCGUCCA	2A 7115	UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGGUUGGU	25491
GUCCAGCU G GUGAGGAU	AU 7116		25492
	1117 UA	ACCAGCUG	25493
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AGGAUGAU G GAAGGGGA	3A 7121	UCCCCUUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUCAUCCU	25497
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9648	GAGAAUGG G GAAGAAAG	7148	CONNCINC GEA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCAUUCUC	25524
9649	AGAAUGGG G AAGAAAGA	7149	UCUUUCUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCCAUUCU	25525
9652	G AA	7150	исссииславая вссвийлавс иссвав	25526
9896	GGAAGAAA G ACUCAGCC	7151	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	25527
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9679	CUGUCAGU G GAGAUGAC	7153	encancing ear acceninaged incompander acceninaged incodes actioned	25529
9680	UGUCAGUG G AGAUGACU	7154	AGUCAUCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CACUGACA	25530
9682	G AU	7155	ACAGUCAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCCACUGA	25531
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9693	GACUGUGU G GUAAAGCC	7157	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	25533
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90/6	AGCCCCUG G ACGAUCGC	7159	GCGAUCGU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAGGGGCU	25535
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Ц		7165		
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		7182	AUCCUGUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCGGCAUG	25558
	G ACA	7183	CAUCCUGU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUCGGCAU	25559
4	ט	7184	AAUUCAUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGUCCUCG	25560
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$\dashv$	G AGC	7189	UGCGAGCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGCCUACC	25565
$\bot$	9999	7190	GGA GCCGUUAGGC UCCCUUCAAGGA	25566
4		7191	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	25567
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	AGGGGCCG G AUGGAACG	7194	COUNCCAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CGGCCCCU	25570
_	ၓ	7195	1	25571
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_	ÄĞ	71197	AGCAGUGU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GCGGACGU	25573
	actuation a actuaration	7198	gga gccguuaggc	25574
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7204
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$\Box$
7209 GGUUCUUC
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7213 CUCUCCUC
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7219 GUUGUCAU
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7221 CAUGUCCU
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7235 CAUCCAUU
7236 CUUCCAUC
7237 UCUUCCAU
7238 UNGUCUUC
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25619	25620	25621	25622	25623	25624	25625	25626	25627	25628	25629	25630	25631	25632	25633	25634	25635	25636	25637	25638	25639	25640	25641	25642	25643	25644	25645	25646	25647	25648	25649	25650	25651	25652	25653	25654	25655	25656	25657	25658
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UCCGGG	UCCGGG	UCCGGG	ncceed	nccege	UCCGGG	UCCGGG	UCCGGG	nccees	ncceee	UCCGGG	ncceed	ncceee	nccees	nccees	nccees	: ncceee			ncceee	ncceed	: ncceee	nccege	ncceee	ncceed	ncceed			1				nccees	ncceee	nccees		ł I	DESCRIPTION :	<b>!</b> .!	1100001
GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	accennaggc	GCCGUUAGGC	accennagec	GCCGUUAGGC	GCCGUUAGGC	accennagec	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	accennagec	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	gccgwaggc	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	プログロエエアプログ
UCCCUUCAAGGA	1	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	COUR CONTRACTOR						
GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	000 41410000
CUCCAUUU GGA		ACGUCACU GGA	UGGGACGU GGA	UCGUUUUC GGA	cuceuuuu gea	UGUCCUCU GGA	GAUGUCCU GGA	CAGAUGUC GGA	CCAGAUGU GGA	UGCCACAC GGA	CAGGCUGC GGA	GUGCCAAU GGA	UCUUGUGC GGA	CUCGGGCU GGA	ACGUGGCU GGA	UNICUGCC GGA	UNUUCUGC GGA	GAUGUUUU GGA	AUAGCCAC GGA	UUGAUAGC GGA	UGAUUGCU GGA	CUCAUCUC GGA	UCUCAUCU GGA	CUUCUCAU GGA	AUACUUCU GGA	ACAUACUU GGA	AUGUAAUC GGA	CAUGUAAU GGA	AGUGAACU GGA	UCAUAUCU GGA	CUUCAUAU GGA	UGUGUCUU GGA	AGUUGUGU GGA	UCCUCAAC GGA	UGUGUCCU GGA	ACUGUGUC GGA	UACUGUGU GGA	UVAAAUAU GGA	***************************************
7243	7244	7245	7246	7247	7248	7249	7250	7251	7252	7253	7254	7255	7256	7257	7258	7259	7260	7261	7262	7263	7264	7265	7266	7267	7268	7269	7270	7271	7272	7273	7274	7275	7276	7277	7278	7279	7280	7281	7202
CCAGUGGA G AAAUGGAG	GGAGAAU G GAGUGACG	AUG G AGUGACGU	AGU G ACGUCCCA	UCA G GAAAACGA	CAG G AAAACGAG	AAC G AGAGGACA	CGA G AGGACAUC	AGA G GACAUCUG	1	UCU G GUGUGGCA	ucueguau e ecaeccue	GGCAGCCU G AUUGGCAC	AUU G GCACAAGA	CAA G AGCCCGAG	ccc G AGCCACGU	CGU G GGCAGAAA	GCCACGUG G GCAGAAAA	CGUGGGCA G AAAACAUC	AACAUCCA G GUGGCUAU	SGU G GCUAUCAA	UCA G AGCAAUCA	AUC G GAGAUGAG	JCG G AGAUGAGA	3GA G AUGAGAAG	UCGGAGAU G AGAAGUAU	GGAGAUGA G AAGUAUGU	G GAU	g AUU	CAU G AGUUCACU	AAA G AGAUAUGA	ACURAAGA G AUAUGAAG	G AAC	G AC	out a guaraga	SUU G AGGACACA	UUGGUUGA G GACACAGU	UGGUUGAG G ACACAGUA	GUA G AUAUTURA	ATTA C ACABITATIA
L	$\perp$	GAGAAAUG	AAUGGAGU	CAUAUUCA	AUAUUCAG	AGGAAAAC	GAAAACGA	AAACGAGA	AACGAGAG	GGACAUCU	חכנופפו	GGCAG	GCCUGAUU	UGGCACAA	AAGAGCCC	AGCCACGU	GCCAC	CGUGGK	AACAU	AUCCAGGU	CCAAGUCA	CAAUCAUC	AAUCAUCG	UCAUCGGA	UCGGAC	GGAGAL	AAGUAUGU	AGUAUGUG	GAUUACAU	UCACUAAA	ACUAA	AGAGAUAU	GAUAUGAA	ACAACUUU	cunneenn	UNGGU	UGGUUK	GUACUGUA	ATTA A ATTOTT
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G GUGUUAGU G AAAAUUUU	G AGGAGAAA	G CAGAAAGU	G AGAAAGUC	G AAAGUCAG	G GCCGGGAA	GGAAGUUC	G GAAGUUCC	G AAGUUCCC	GAAGUUGA	AAGUUGAG	AGUAGACG	ACGGUGCU		anacnacc	G GUGCUGCC G ACUCAACC	G GUGCUGCC G ACUCAACC G GAGGACUG	G GUGCUGCC G ACUCAACC G GAGGACUG G AGGACUGG	G GUGCUGCC G ACUCAACC G GAGGACUG G AGGACUGG G AGGACUGG	GUGCUGCC ACUCAACC GAGGACUG AGGACUGG GACUGGGU GACUGGGU	GUGCUGCC ACUCAACC GAGGACUG AGGACUGG GACUGGGU GACUGGGU	GUGCUGCC  ACUCAACC  GAGGACUG  AGGACUGG  AGGACUGGGU  GACUGGGU  GACUGGGU  ACUGGGUG	G GUGCUGCC G ACUCAACC G GAGGACUGG G GAGGACUGG G GACUGGGU G GACUGGGU G GACUGGGU G GACUGGGU G GUGAACA G GUGAACAA	G GUGCUGCC G ACUCAACC G GAGGACUGG G GACUGGGU G GACUGGGU G GACUGGGU G GACUGGGU G GUGAACA G GUGAACA G GUGAACA G GACAAAGC	G GUGCUGCC G ACUCAACC G GAGGACUGG G GAGGACUGG G GACUGGGU G GACUGGGU G GACUGGGU G ACUGGACG G AACAAAGC G AACAAAGC G AACGAAGC	G GUGCUGCC G ACUCAACC G GAGGACUGG G GACUGGGU G GACUGGGU G GACUGGGU G GACUGGGU G GACUGGGU G ACUGGGU G ACCAAAGC G AACAAAGC G AACCAUGU	augecugece Acucaace Gaagaacuge Agaacugegu Gacugegu Gacugegu Acugggu Gaugaaca Gugaaca Acugggu Acugggu Acugggu Acugggu Acugggu Acugggu Acuggau Acuggau Acuggau Acuggau Acuggau Acuggau Acuggauc	GUGCUGGC  ACUCAACC  GAGGACUGG  GACUGGGU  GACUGGGU  GACUGGGU  ACUGGGUG  ACCAUGU  AACCAUGU  GAAGGAGG	GUGCUGGC ACUCAACC GAGGACUGG AGGACUGGGU GACUGGGU GACUGGGU GACUGGGU ACUGGGU AAGGAGGG	G GUGCUGCC     G ACUCAACC     G ACUCAACC     G GAGGACUGG     G GACUGGGU     G GACUGGGU     G GACUGGGU     G GUGAACA     G GAGGAGG     G GAGGAGG     G GAGGAGG     G GAGGAGC     G GAGGAGC     G GAGGACCC     G GAGC	G GUGCUGCC G ACUCAACC G GAGGACUGG G GACUGGGU G ACUGGGU G ACUGGGU G GACUGGGU G GACCAAACC G AACCAACC G AACCAUCU G AACCAUCU G AACCGUCU G AACGACCC G AAGGACCC C AAGGACCC C AAGGACCC C AAGGACCC C AAGGACCC C AAGGACCC	G GUGCUGCC     G ACUCAACC     G ACUCAACC     G GAGGACUGG     G GACUGGGU     G GACUGGGU     G GACUGGGU     G GACUGGGU     G GACUGGGU     G GACUGGGU     G GUGAACA     G GACCGUCU     G GAGGAGGA     G GAGGAGGA     G GAGGACCC     G GAGGACCC     G GACCCCAC     G GACCCCACC     G GACCCCAC     G GACCCCACC     G GACCCACCAC     G GACCCACCACCAC     G GACCCACCACCAC     G GACCCACCACCACCAC     G GACCACCACCACCACCAC     G GACCACCACCACCACCACCACCACCACCACCACCACCACC	ACUCAACC     ACUCAACC     GAGGACUGG     AGGACUGGGU     GACUGGGU     ACUGGGUG     ACUGGGUG     ACUGGGUG     ACUGGGUG     ACUGGGUG     ACCUGGGUG     ACCUGGGUG     ACCUGGGUG     ACCUGGGUG     ACCUGGGUG     ACCUGGGUG     ACCUGGGUG     ACCUGGGUG     ACCGUCU     AACGAGGGG     AACGGUCC     AGGGAGCCC     AGGGACCCC     AGGGACCCC     AGGGACCCC     AGGGACCCC     AGGGACCCC     AGGGACCCC     AGGCCCCACC     ACCCCCACA	augecugece     Acucaace     agagacuge     agacugegu     agacugegu     agacugegu     agacugegu     agacugegu     agacugegu     agacugegu     aacugegu     aacugegu     aacugegu     aacugegu     aacugegu     aacugegu     aacugegu     aacugegu     aacucegu     aagacccc     aagacccc     aagacccc     aagacccc     aagacccc     aagaccccac	G GUGCUGCC G ACUCAACC G GAGGACUGG G GAGGACUGG G GACUGGGU G GACUGGCU G GAGGACCC G AAGGACCC C G AAGGACCCC C G AGGACCCC C G AGGACCCCC C G AGGACCCC C G AGGACCCCC C G AGGACCCCC C G AGGACCCCC C G AGGACCCCCC C G AGGACCCCC C G AGGACCCCC C G AGGACCCCC C G AGGACCCCCC C G AGGACCCCC C G AGGACCCCCC C G AGGACCCCCC C G AGGACCCCCC C G AGGACCCCCCC C G AGGACCCCCCC C G AGGACCCCCCC C G AGGACCCCCC C G AGGACCCCCCC C G AGGACCCCCCC C G AGGACCCCCCCC C G AGGACCCCCCC C G AGGACCCCCCC C G AGGACCCCCCCC C G AGGACCCCCCCC C G AGGACCCCCCC C G AGGACCCCCCCC C G AGGACCCCCCCC C G AGGACCCCCCCC C G AGGACCCCCCCC C G AGGACCCCCCCCC C G AGGACCCCCCCCC C G AGGACCCCCCCCCC	G GUGCUGCC G GAGGACUGG G GAGGACUGG G GACUGGGU G GACUGGGU G GACUGGGU G GACUGGGU G GACUGGGU G GACUGGGU G GACCAAAGC G AACAAAGC G AACAAAGC G AACAAAGC G AACCACC G AACCACC G AACCCACC G AACCCCCC G GACCCCAC G ACCCCAC G GACCCCAC G GACCCCCAC G GACCCCAC G GACCCCCAC G GACCCCCAC G GACCCCAC G GACCCCAC G GACCCCCAC G GACCCCAC G GACCCCAC G GACCCCAC G GACCCCCAC G GACCCCCAC G GACCCCCAC G GACCCCAC G GACCCAC G GACCCCAC	G GUGCUGCC G GAGGACUGG G GAGGACUGG G GACUGGGU G GACUGGGU G GACUGGGU G GACUGGGU G GACUGGGU G GACUGGGU G GACCANGU G GACCANGU G GACCANGU G GACCANGU G GACCCACC G AACGAAGC G AACCANGU G GAAGGACCC G AACCCACC G AACCCACC G AACCCCAC G AACCCCAC G AACCCCAC G GACCCCAC G GACCCCCAC G GACCCCCCCC G GACCCCCCCC G GACCCCCCCC G GACCCCCCCCC G GACCCCCCCCC G GACCCCCCCCC G GACCCCCCCCCC	augacugac aagaacuga aagaacuga aacugaaca acugaaca aacaagaaca aacaagaaca aacaagaaca aacaagaaca aacaagaaca aacaagaaca aacaagaaca aacaagaaca aacaagaaca aacaagaaca aacaagaaca aacaagaaca aacaagaaca aacaagaaca aacaagaaca aacaagaaca aacaagaaca aacaagaaca aacaagaaca aacaagaaca aacaagaaca aacaagaaca aacaagaaca aacaagaaca aacaagaaca aacaagaaca	augecugece Acucaace Gaggacug Gacugggu Gacugggu Gacugggu Gacugggu Gacugggu Gacugggu Gacugggu Gacuggu Aacaaage Aacaaage Aacaagag Gaggaacaa Aacaagag Gaggaacaa Aacaagag Gaggaacaa Aacacaga
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CGCCACAAG AACCAUGU AGCCCUCA G AACCGUCU AGCCCUCA G AACGGAGG	GAGUNGAC G CUGCCUGC G CAACCCCAG G AACCCCAGGA G CCCCAGGA G CCCCAGGA G CCCCAGGA G GGAGGACU G GGAGGACU G GAGGACU G GAGGACU G AAGCCGC G AAGCCGC G AAGCCGC G CCCGAGAGU G ACCGUCUC G CCCGUCUC G CCCCCGCGAAG CCCCCCCCCCCCCCCCCCCCCCCC	GAGUNGAC G CUGCCUGC G CAACCCCAG G AACCCCAGG G CCCCAGGA G CCCCAGGA G CCCCAGGAC G GAGGACUG G GAGGACUG G GACGAGACU G AACCCUCA G AACCCUCA G ACCGUCUC G CCGUCUC G CCCGUCUC G CCGUCUC G CCGUCUC G CCCGUCUC G CCGUCUC G CCCGUCUC G CCCCCCCC	GAGUNGAC G CUGCCUGC G CAACCCCAG G AACCCCAGG G CCCCAGGA G CCCCAGGA G CCCCAGGACU G GAGGACUG G GAGGACUG G GACGAGACU G AACGCCCC G AACGCCCC G ACGCCCCC G CCCGCCCC G CCCCCC	GAGUNGAC G   CUGCCUGC G   CAACCCCAG G   AACCCCAG G   CCCCAGGA G   CCCCAGGA G   CCCCAGGA G   CCCCAGGA G   GAGGACUG G   GAGGACUG G   GAGGACUG G   GACUGGGA G   AAAGCCGC G   AAAGCCGC G   AACCGUCUC G   ACCGUCUC G   CCGUCUCG G   CCGGAAGGA G	GAGUAGAC G GUGCUGCC CUGCCUGC G ACUCAACC CAACCCCAG G GAGGACUGG AACCCCAGG G GACUGGGU CCCCAGGA G ACUGGGU GAGGACUG G ACUGGGU GAGGACUG G ACUGGGU CCCAGGA G ACUGGGU AACCGUCU G AACCGUCU ACCGUCUC G AAGGAGGA CCGUCUC G GAGGAGG CCGUCUC G GAGGAGGC CCGUCUC G GAGGAGCC CCGUCUC G GAGGAGCC CCGUCUC G GAGGACCC CCGUCUC G GAGGACCC CCGGAAGGA G GAGCACCC CCGGAAGGA G GACCCCCC CCGGAAGGA G ACCCCACA CCGAAUGUCA G ACCCCACA CCAUCUCA G ACCCCACA CCGAAUGUCA G ACCCCCAC	GAGUNGAC G CUGCCUGC G CUGCCUGC G AACCCCAGGA G CCCCAGGA G CCCCAGGA G GGAGGACUG G GGAGGACUG G GACUGGGA G GACUGGGA G AAAGCCGC G AAAGCCGC G AAAGCCGC G AAAGCCGC G CGCGCUCC G CGCGCUCC G CCGUCUCG G CCGUCUCG G CCGUCUCG G CCGUCUCG G CCGUCUCG G CCGUCUCG G CCGCUCUCG G CCGCAAGGACG G CCCGCUCCC G CCAAUGUCA G CCACGCUAC G CCACCCUAC G	GAGUNGAC G CUGCCUGC G CUGCCUGC G AACCCCAGGA G CCCCAGGA G CCCCAGGA G GGAGGACUG G GGAGGACUG G GACUGGGA G GACUGGGA G AAAGCCGC G AAAGCCGC G AAAGCCGC G CCGUCUCG G CCGCUCUCG G CCGCUCUCG G CCGCUCUCG G CCGCUCUCG G CCGCCUCC G CCGCCUCC G CCGCCUCC G CCGCCUCC G CCGCCUCC G CCCCCCCCCC	GAGUNGAC G CUGCCUGC G CUGCCUGC G AACCCCAGGA G CCCCAGGA G CCCCAGGA G GGAGGACUG G GGAGGACUG G GACUGGGA G GACUGGGA G AAAGCCGC G AAAGCCGC G AAAGCCGC G CCGUCUC G CCGUCUCG G CCGUCUCG G CCGUCUCG G ACCGUCUCG G ACCGUCUCG G CCGUCUCG G CCGCUCUCG G ACCGCUCC G CCGCUCCG G ACCGCUCC G CCGCCUCC G CCGCCUCC G CCGCCUCC G CCAUGUCG G CACCCCUCC G CACCCUCCC G CACCCUCC G CACCCUCCC G CACCCCUCCC G CACCCUCCC G CACCCUCCC G CACCCUCCC G CACCCUCCC G CCCCCCCCCCCCC G ACCCCCCCCCCCCCCCC G ACCCCCCCCCC	GAGUNGAC         G GUG           CUGCCUGC         G ACU           CAACCCCAG         G AGG           AACCCCAGG         G AGG           CCCCAGGA         G GAC           CCCCAGGA         G ACU           GGAGGACU         G GUG           GAGGACUG         G ACU           GAGGACUG         G ACU           AAGCCCUCA         G AAC           AAGCCCUCA         G AAC           AAGCCCUCA         G AAC           AAGCCUCA         G AAC           ACCGUCUCA         G AAC           ACCGUCUCA         G AAC           ACCGUCUCA         G AAC           CCGGAAGGA         G AAC           CCGGAAAGU         G AAC           CCGGAAAGU         G AAC           CCGGAAAGA         G AAC           CCGGAAAGA         G AAC           CCGGAAAGAA         G AAC           CCGGAAAGAA         G AAC           CAAUGUCA         G ACG           CAAUGUCA         G AAC           CAAUGUCA         G AAC           AACCCUACG         G AAC           CAAUGUCA         G AAC           AACUCUGCG         G AAG           AACUCUGCG         G AAG	GAGUAGAC G GUGCUGCC CUGCCUGC G ACUCAACC CAACCCCAG G GAGACUGG AACCCCAGG G GACUGGGU CCCCAGGA G GACUGGGU GGAGGACU G GUGAACA GACUGGGU G GUGAACA GACUGGGU G GUGAACA GACUGGGU G AACUGGU CGCGAAGU G AACAAGC AAGCCGC G AAGUGAUC CGCGACUC G GAGGGGG ACCCUCU G GAGGGGG CCGUCUC G GAGGGGG CCGUCUC G GAGGAGG CCGUCUC G GAGGAGGG ACCCCCC CCGUCUC G GAGGAGGG ACCCCCC CCGUCUC G GAGGAGGG CCGUCUC G GAGGAGGG UCUCGGAAGGA G GCCCCCC CGAAGGAG G GCCCCCC CGAAGGAG G GCCCCCC CAUCUCC G GAGGGCG ACCCCCCC CAUCUCC G ACCCCCC CAUCUCC G ACCCCCC CAUCUCC G ACCCCCC CAUCUCC G ACCCCCC CAUCUCC G ACCCCCC CACCCUCC G ACCCCCC CACCCUCC G ACCCCCC CACCCUCC G ACCCCCCC CACCCUCC G ACCCCCCC CACCCUCC G ACCCCCCC CACCCUCC G ACCCCCCC CACCCUCC G ACCCCCCC CACCCUCC G ACCCCCCCCCCCCCCCCCCCCCCCCCCCC
10467	10497	10499	10500	10502	10510	10514	10515	10516	10531	10532	10538	10543		10546	10546	10546 10558 10570	10546 10558 10570 10571	10546 10558 10570 10571	10546 10558 10570 10571 10573	10546 10558 10570 10571 10573 10727	10546 10558 10570 10571 10573 10727 10574	10546 10558 10570 10571 10727 10727 10574 10578	10546 10558 10570 10571 10727 10574 10578 10578	10546 10558 10570 10571 10574 10578 10578 10578	10546 10558 10570 10571 10573 10574 10578 10578 10579 10582 10599	10546 10558 10570 10571 10573 10573 10574 10578 10578 10578 10579 10582 10592 10593	10546 10558 10570 10571 10573 10573 10574 10578 10594 10594 10657	10546 10558 10570 10571 10573 10574 10578 10592 10594 10617 10627	10546 10558 10570 10571 10573 10574 10578 10594 10599 10627 10627 10627 10627 10627	10546 10558 10570 10571 10573 10574 10578 10594 10599 10627 10627 10627 10628	10546 10558 10570 10571 10573 10574 10578 10599 10629 10627 10628 10628 10638	10546 10558 10570 10571 10573 10574 10594 10599 10627 10627 10627 10637 10631 10631	10546 10558 10570 10571 10573 10574 10594 10599 10627 10628 10631 10632 10632 10632	10546 10558 10570 10571 10573 10574 10594 10628 10631 10632 10633 10633 10636 10636	10546 10558 10570 10571 10573 10574 10582 10582 10681 10634 10632 10634 10631 10632 10636 10636	10546 10558 10570 10571 10573 10574 10582 10594 10627 10632 10632 10632 10632 10636 10636 10636 10636 10636 10636	10546 10558 10570 10571 10573 10574 10582 10582 10682 10634 10632 10632 10636 10636 10636 10636 10636 10697 10697	10546 10558 10570 10571 10573 10574 10594 10692 10632 10632 10633 10633 10636 10636 10636 10636 10636 10637 10699 10699

_	GCGUGGGG 25703 GGGGCUAG 25704 AUUACCGG 25706 CUGGUUAA 25707 GCCCUGGU 25708 UUUCGCCC 25710 UAGUCCUU 25711 UCUAGUCC 25712 UAACCUCU 25713 UCUAACCU 25713 UCUAACCU 25713 UCUAACCU 25714 CUCUAACC 25714 GGGGGGGUC 25716 GCGGGGGUC 25716	<del></del>	<del>-                                     </del>
110000	UCCGGG UCCGGG UCCGGG UCCGGG UCCGGG UCCGGG UCCGGG UCCGGG UCCGGG UCCGGG UCCGGG	<ul> <li>立てのできる。</li> <li>立ているのでのできる。</li> <li>立ているのできる。</li> <li>立ているのでのできる。</li> <li>立ているのでのできる。</li> <li>立ているのでのできる。</li> <li>立ているのできる。</li> <li>立ているのできるのできる。</li> <li>立ているのできる。</li> <li>立ているのできるのできる。</li> <li>立ているのできるのできる。</li> <li>立ているのできるのできる。</li> <li>立ているのできるのできる。</li> <li>立ているのできるのできるのできるのできるのできるのできるのできるのできるのできるのでき</li></ul>	UCCGGG           UCCGGGG           UCCGGGG
	UCAAGGA GCCGUUAGGC UCAAGGA GCCGUUAGGC	, , , , , , , , , , , , , , , , , , , ,	
	AGGC UCCCUUCAAGGA		
A GCGUUAGGC		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1
	CCUUUCGCC GGA AGUCCUUU GGA CUCUAGUC GGA CCUCUAGUC GGA CCUCUAGUC GGA CCUCUAACC GGA CCUCUAACC GGA CCUCUAAC GGA CCUCUAAC GGA CCUCUAAC GGA CCUCUAAC GGA CCGGGGGUCU GGA CGGGGGUCU GGA CGGGGGUCU GGA CGGGGGGUCU GGA CGGGGGGUCU GGA		
7328 A 7329 G			
G GUGUUAAC G GUGUUAAC G GGCGAAAG	G GCGAAAGG G AAAGGACU G GACUAGAG G ACUAGAGG G AGGUUAGA G GUUAGAGG G AGGACCC G AGACCCC G AGACCCC G AGACCCCG G AGACCCCG G AGCCCCG G ACCCCGCG G ACCCCGCG G ACCCCGCG G GCCCAGCC	G GCGAAAGG G AAAGGACU G GACUAGAGG G ACUAGAGG G AGGUAAGA G GUUAGAGG G AGGAGACC G AGGAGACC G AGGACCC G GCCCAGC G GCCCAGC G GCCCAGC G GCCCAGC G GCCAGC G AAGGACU G GAAGGACU	G GCGAAAGG G AAAGGACU G GACUAGAGG G ACUAGAGG G AGGUAGAGG G AGGAGACC G AGGAGACC G AGGAGACC G AGGAGCC G AGGACCC G AGGAGGC G AGGACCC G AGGAGGC G AGGAGGC G ACCCGGC G AGGAGGC G ACCCGGC G AGGAGGC G ACCUAGAGC G GGAAGGAC G GGAAGGAC G GAAGGAC G GACUAGAGG G GACUAGAG G G GCCCAGC G GCCCAGC G G GCCCCAGC G G GCCCCAGC G G GCCCCAGC G G GCCC
CCCCACGC G CCGGUAAU G GUUAACCA G			
10775 10775 10792 10793 10796			

Table VII

_							_	_		_
25738	25739	25740	25741	25742	25743	25744	25745	25746	25747	25748
AAGAUCUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UAGUCUAU	GAAGAUCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUAGUCUA	CAGAAGAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCCUAGUC	CACUGUGO GGA GCCGUUAGGO UCCCUUCAAGGA GCCGUUAGGO UCCGGG GUGUGGCU	ACCAUNGU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GGCGCACU	CCAGCCAC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUUGUCGG	CCACCAGO GGA GCOGUUAGGO UCCOUCAAGGA GCOGUUAGGO UCCGGG ACCAUUGU	COCACCAC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGCCACCA	JOGGCAC GGA GCCGUJAGGC UCCCUJCAAGGA GCCGUJAGGC UCCGGG ACCAGCCA	UGUGUUCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GCACCACC	CCUGUGUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCGCACCA
GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC
UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA
GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC
AAGAUCTUC GGA	GAAGAUCU GGA	CAGAAGAU GGA	CACUGUGC GGA	ACCAUUGU GGA	CCAGCCAC GGA	CCACCAGC GGA	CGCACCAC GGA	UCUCGCAC GGA	UGUGUUCU GGA	CCUGUGUU GGA
7362	7363	7364	7365	7366	7367	7368	7369	7370	7371	7372
AUAGACUA G GAGAUCUU	UAGACUAG G AGAUCUUC	GACUAGGA G AUCUUCUG	AGCCACAC G GCACAGUG	AGUGCGCC G ACAAUGGU	CCGACAAU G GUGGCUGG	ACAAUGGU G GCUGGUGG	ugeuggeu e eugeugeg	UGGCUGGU G GUGCGAGA	GGUGGUGC G AGAACACA	UGGUGCGA G AACACAGG
10949	10950	10952	10981	10994	11000	11003	11007	11010	11015	11017

Input Sequence = AF196835. Cut Site = G/.
Arm Length = 8. Core Sequence = GGAGGAAACUCC CU UCAAGGACAUCGUCCGGG
AF196835 West Nile virus strain NY99-flamingo382-99, complete genome

WO 02/068637 Table VIII PCT/US01/48350

Table VIII: WNV minus strand Hammerhead Ribozyme and Target Sequence

11   110.18   UCCUGURGU U CUCGRACCA   7373   GOUGGAG CUGAUGAG   GCGUULAGG   CGAA ACACAGGA   25730	Pos	Pos	Substrate	Seg ID	Ribozyme	Rz Seq
13   1017   COUGUIGU U CUCCACC   7373   GUIUGCAD CUGANIGA GEGUIUAGE CAA ACACAGA   25750   15   1015   UGUIUGUU C UGCACCAC   7374   GUIUGUUC CUGANIGA GEGUIUAGE CAA ACACAGA   25751   15   1015   UGUIUGUU C UGCACACC   7375   GUIUGUUC CUGANIGA GEGUIUAGE CAA AGAACACA   25751   13   1994   ACACAGA UGUIUAGE CAA AGAACACA   25751   13   1994   ACACAGA UGUIUAGE CAA AGAACACA   25751   14   1995   GOCACAGU U GUICAGAGA   7376   GUIUGUUC CUGANIGA GEGUIUAGE CAA AGAACACA   25751   14   1995   UGCUIUAGU C UGUICAGU   7377   AGUICAGA CUGANIGA GEGUIUAGE CAA ACANIGAU   25756   1995   CACAGAGA U CUGANIGA   7378   GUIUGAC CUGANIGA GEGUIUAGE CAA ACANIGAC   25754   1995   CACAGAGA C UCANIGA C UCANIGA C UGANIGA C UCACAGA   25756   1995   CACAGAGA C UGANIGA C UCACAGA   7378   GALIAGAA CUGANIGA GEGUIUAGE CAA AGAACACA   25756   1994   CACAGAGA C UANICAGA   7389   GALIAGAA CUGANIGA GEGUIUAGE CAA AGAACACA   25756   1994   CACAGAGA C UANICAGA   7382   CACAGAGA CUGANIGA GEGUIUAGE CAA AGAACACA   25756   1994   CACAGAGA C UANICAGA   7382   ACCUCAGA CUGANIGA C COCAMAGA C CACAGAA   25756   1994   1994   CACAGAGA C UANICAGA   7382   ACCUCAGA C UANICAGA C CACAGAA CUGANIGA C CACAGAA C CUGANIGA C		1				
13	L	)	<u> </u>			
1511   1019   URIGUIUCU C GEACACC   7375   GEUGIGIUC CUGAURIG GEORIUAGIC CUA AUGARCACA   25752	12	11018	UCCUGUGU U CUCGCACC	7373	GGUGCGAG CUGAUGAG GCCGUUAGGC CGAA ACACAGGA	25749
3999  GCACCABU U GUCCOCCAC   7377 AGUCCCACC CUGAURAG GCCGULARGE COSA ACRAGOCCA   25753	13	11017	CCUGUGUU C UCGCACCA	7374	UGGUGCGA CUGAUGAG GCCGUUAGGC CGAA AACACAGG	25750
10994   ACCRUEGI C GEGCACU   7377   AGUIGCAC CUDAUGAG GECGUIJAGGC COAA ACARGGU   25753	15	11015	UGUGUUCU C GCACCACC	7375	GGUGGUGC CUGAUGAG GCCGUUAGGC CGAA AGAACACA	25751
61 10959   CAGANARU C UCUCAGU 7379   CUCUGCAC CUCAUGAG 9CCSULAGGC CORA ACCAGCA 25754   Following Committed	33	10997	GCCACCAU U GUCGGCGC	7376		25752
78	36	10994	ACCAUUGU C GGCGCACU	7377		25753
89						25754
86 10944 CUCCUNGU C UNICCCAG 7381 GARIAGAC CUGAUGAG GCGULAGGC GAR ACGAGAL 25758 86 10944 CUCCUNGU C UNICCCAG 7382 CUGGGAIA CUGAUGAG GCGULAGGC GAR ACGAGAGA 25758 96 10940 LOSHO UNIGCCAG 7383 ACCUGGGA CUGAUGAG GCGULAGGC GAR ACGAGAGA 25759 97 10931 COAGGGU C ADALUGCU 7385 AGCAUAU CUGAUGAG GCGULAGGC GAR ACGAGAGA 25760 98 10931 COAGGGU C ADALUGCU 7385 AGCAUAU CUGAUGAG GCGULAGGC GAR ACGACAG 25761 103 10927 GUGUCAN A UGCUGUU 7386 AAACACA CUGAUGAG GCGULAGGC GAR ACACACAG 25761 104 10920 UNIGCUU U UUGUUGG 7387 AGCALAGA CUGAUGAG GCGULAGGC GAR ACCACAGA 25761 110 10920 UNIGCUU U UUGUUGG 7387 ACACACACA CUGAUGAG GCGULAGGC GAR ACACACAC 25761 111 10919 NIGCUGUU U UGUUGUGG 7388 CACACACA CUGAUGAG GCGULAGGC GAR ACAGCAU 25761 112 10918 UGCUGUU U UGUUGUGG 7388 ACACACAC CUGAUGAG GCGULAGGC GAR ACAGCAU 25761 113 10919 UUGUGUU U UGUUGUGG 7388 ACCACACA CUGAUGAG GCGULAGGC GAR ACAGCAU 25761 114 10919 NIGCUGUU U UGUUGUGG 7388 ACACACAC CUGAUGAG GCGULAGGC GAR ACAGCAU 25761 115 10915 UGUUGUGU U UGUGGGCG 7391 ACCACACAC CUGAUGAG GCGULAGGC GAR ACAGCAU 25761 116 10915 UGUGGGCG VUGAGCC 7392 UCCCCACA CUGAUGAG GCGULAGGC GAR ACAGCAC 25768 117 10916 UGUGGGUU U UGUGGCAC 7392 UCCCCACA CUGAUGAG GCGULAGGC GAR ACACCAC 25768 118 10950 UGUGGGGUU U UGUGGCAC 7392 UCCCCACA CUGAUGAG GCGGULAGGC GAR ACACCAC 25768 118 10950 UGUGGGCCC VUGACACAC VUGAUGAG GCCGULAGGC GAR ACACCAC 25768 119 10906 UGUGGGCCC VUGACACAC VUGAUGAG GCCGULAGGC GAR ACACCAC 25768 119 10906 UGUGGGCCC VUGACACAC VUGAUGAGA GCCGULAGGC GAR ACACCAC 25768 119 10906 UGUGGGCCC VUGACACAC VUGAUGAGA GCCGULAGGC GAR ACACCAC 25768 119 10906 UGUGGGCCC VUGACACAC 7395 GUGCCAC CUGAUGAGA GCCGULAGGC GAR ACACCAC 25768 119 10906 UGUGGGCCC VUGACACAC 7395 GUGCCAC CUGAUGAGA GCCGULAGGC GAR ACACCAC 25768 119 10906 UGUGGCCCC VUGACCC VUGACACAC CUGAUGAGA GCCGULAGGC GAR ACACCAC 25768 119 10906 UGUGGCCCC VUGACCC VUGACACAC CUGAUGAGA GCCGULAGGC GAR ACACCAC 25768 119 10907 UGUGGCCCC ACCACACAC VUGACCAC VUGAUGAGA GCCGULAGGC GAR ACACCAC 25768 110 10908 VUGACCAC VUGACCCC ACCCUCAC 7395 GUGACAC CUGAUGAGA GCCGULAGGC GAR ACACCAC 25768 119 109	78		CAGAAGAU C UCCUAGUC	7379		25755
86 10944 CUCUNGU C UNINCCAG 7383 ACCUGARA CUGAURAG CCGULAGCC CAR ACUAGGAG 25758 88 10942 CCURAGUCU A UCCCAGGU 7383 ACCUGARA CUCURAGRA CCCGULAGCC CAR ACUAGACA 25759 99 10931 COAGGUGU C ALAURGCU 7385 ACCUGARA CCCGURAGAC CCGULAGCC CAR ACACCAGG 25751 103 10927 GUGUCAMA A UCCUGUUU 7385 ACCACAGC CUGAURAGA CCCGULAGCC CAR ACACCAGG 25751 110 10920 JUGUGU U UUGUUGUG 7387 ACACACAC CUCAGURAGA CCCGULAGCC CAR ACACCAGA 25762 111 10919 AUGCUGU U UUGUUGUG 7387 CACACACA CUGAURAGA GCCGULAGCC CAR ACACCAGA 25762 112 10918 UCCUGUUU U UUGUUGUG 7389 ACACACAC CUCAGURAGA GCCGULAGCC CAR ACACCAGA 25762 113 10919 JUGUGUGU U UUGUUGUG 7389 ACACACAC CUCAGURAGA CCCGULAGCC CAR ACACCACA 25764 112 10918 UCCUGUUU U GUUGUGGC 7381 UCCCACACA CUCAGURAGA GCCGULAGCC CAR ACACCACA 25765 124 10916 UGUUGUGU U GUUGUGGCA 7391 UCCCACAA CUCAGURAGA GCCGULAGCC CAR ACACACAC 25765 124 10907 UGUGGGUGU U UUGUGCCA 7391 UCCCACAA CUCAGURAGA GCCGULAGCC CAR ACACACAC 25766 125 10905 UGGGUGUU U GUUGGCAC 7392 GUUGCCAC CUCAGURAGA GCCGULAGCC CAR ACACCACA 25767 124 10906 UGGGUGUU U GUUGGCAC 7392 GUUGCCAC CUCAGURAGA GCCGULAGCC CAR ACACCACA 25769 138 10892 CACCAGACA CUCAGACA CUCAGURAGA GCCGULAGCC CAR ACACCACA 25769 138 10892 CACCACACA CUCAGAC 7395 GUUGCCAC CUCAGURAGA GCCGULAGCC CAR ACACCACA 25769 138 10892 CACCAGACA CUCAGAC 7395 GUUGCCAC CUCAGURAGA GCCGULAGCC CAR ACACCACA 25769 138 10892 CACCAGACC CUCACACA 7394 UUAGUGAA CUCAGURAGA GCCGULAGCC CAR ACACCACA 25769 138 10892 CACCAGACC CUCAGACC 7395 GUUGCCAC CUCAGURAGA GCCGULAGCC CAR ACACCACA 25769 146 10898 CUCCACCU A ACCUCUAG 7395 AGGACGU CUCAGARA GCCCGC 25771 145 10895 UCCCACU A ACCUCUAG 7395 AGGACGAC CUCAGARA GCCCGC CAR ACACCACA 25769 159 10871 UAGUCCU C CUCACACA 7395 AGGACGAC CUCAGARAGAC CUCAGURAGC CAR ACACCACA 25771 159 10898 UAACACCC U GUUCCCU 7399 AGGACGAC CUCAGARAGACCCC CAR ACACCACA 25761 159 10875 CUCCACCU A CACCUCUA 7402 UCCCU 7395 AGGACGAC CUCAGARAGAC CUCAGARA GCCCCUA 25771 159 10896 ACACACACCU ACACCU CACACAC 7395 AGGACGAC CUCAGARAGAC CUCAGARAGAC CUCAGARAGAC COCAGARACACACAC CUCAGACAC CUCAGACAC CUCAGACAC CUCAGACAC CUCAGACACA	ļ					25756
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99 10940 UNGUCUAU C CCAGGUGU 7395 AGCACCIGG CUGAUGAG CCGULAGGC CGA ANGACCUA 25761 103 10927 GUGUCANU A UGCUGUUU 7386 AAACACAC CUGAUGAG GCCGULAGGC CGAA ACCACCUGG 25761 110 10920 UNGUGUGU 7387 AAACACAC CUGAUGAG GCCGULAGGC CGAA ACCACCUA 25762 111 10919 AUGCUGUU U UGUUGUGG 7388 CACAACAC CUGAUGAG GCCGULAGGC CGAA ACCACCAL 25761 112 10918 AUGCUGUU U UGUUGUGG 7388 CACAACAC CUGAUGAG GCCGULAGGC CGAA ACCACAL 25761 113 10919 AUGCUGUU U UGUUGUGG 7388 CACAACAC CUGAUGAG GCCGULAGGC CGAA ACCACAL 25761 114 10918 AUGCUGUU U UGUUGUGG 7388 ACCACAAC CUGAUGAG GCCGULAGGC CGAA ACCACAL 25761 115 10915 UGUUUGUU U GUUGUGGG 7389 ACCACAAC CUGAUGAG GCCGULAGGC CGAA ACACCAL 25762 116 10915 UGUUUGUU U UGUUGUGG 7388 ACCACAAC CUGAUGAG GCCGULAGGC CGAA AACACCAL 25762 117 10916 UGUUGUU U UGUUGGCA 7391 UGCCACAA CUGAUGAG GCCGULAGGC CGAA AACACCAL 25762 118 10907 UGUGUGUU U UGUUGGCA 7391 UGCCACAA CUGAUGAG GCCGULAGGC CGAA AACACCAL 25762 118 10906 GUGGUGUU U UGUUGGCA 7391 UGCCACAA CUGAUGAG GCCGULAGGC CGAA AACACCAL 25762 118 10906 GUGGUGUU U UGUGGCAC 7392 GUGCCACA CUGAUGAG GCCGULAGGC CGAA AACACCAL 25762 118 10906 GUGGUGUU U UGUGGCAC 7393 CUGACCAC CUGAUGAG GCCGULAGGC CGAA AACACCAC 25762 118 10906 CUGAUGUU U UGUGGCAC 7393 CUGACCAC CUGAUGAG GCCGULAGGC CGAA AACACCAC 25762 118 10906 CUGAUGUU U UGUGGCAC 7393 CUGACCAC CUGAUGAG GCCGULAGGC CGAA AACACCAC 25762 118 10906 CUGAUGUU C CACUAAC 7395 GUUGAUGAG CUGAUGAG GCCGULAGGC CGAA AACACCAC 25762 118 10907 UGUCCUU C CACUAAC 7395 GUUGAUGAG CUGAUGAG GCCGULAGGC CGAA AACACCAC 25762 119 10908 ACUAACCU U AGUCCUU 7397 AAGGACUA CUGAUGAG CCGCULAGGC CGAA ACCCCCC 25771 115 10908 ACUAACCU U AGUCCUU 7397 AAGGACUA CUGAUGAG CCGCULAGGC CGAA ACCCCCC 25771 115 10907 CUCCCUU AGCCCU 7399 AAGGACAC CUGAUGAG CCGCULAGGC CGAA ACCCCCC 25771 115 10907 CUCCCUU AGCCCU 7399 AAGGACAC CUGAUGAG CCGCULAGGC CGAA ACCCCCC 25771 115 10907 CUCCCUU ACCCCU 7399 AAGGACAC CUGAUGAG CCGCULAGGC CGAA ACCCCCC 25771 115 10907 CUCCCUU ACCCCU 7399 AAGGACAC CUGAUGAG CCGCULAGGC CGAA ACCCCCC 25771 115 10907 CUCCCUU ACCCCUU 7397 AAGGACAC CUGAUGAG CCGCULAGGC CGAA AAGGACUAG 2	<del></del>					25758
99 10931 CCAGGUGU C AAUAUGCU 7385 AACAGAC CUGAUGAG GCCGUUAGGC CAA ACACCUGG 25761 103 10927 GUGUCANA A UGCUGUUU 7386 AACAGAC CUGAUGAG GCCGUUAGGC CAA ACACCUGG 25761 110 10920 UAUGCUGU U UGUUGUGU 7387 CACACACA CUGAUGAG GCCGUUAGGC GGA ACAGCAU 25763 111 10918 UGCUGUUU U GUUGUGGG 7388 ACCACACA CUGAUGAG GCCGUUAGGC GGA ACAGCAU 25763 112 10918 UGCUGUUU U GUUGUGGG 7389 ACCACACAC CUGAUGAG GCCGUUAGGC GGA ACAGCAU 25761 115 10915 UGUUUUGU U GUUGUGGG 7389 ACACACAC CUGAUGAG GCCGUUAGGC GGA ACAGCAU 25765 115 10915 UGUUUUGU U UGUGGGGCA 7391 ACCACACAC CUGAUGAG GCCGUUAGGC GGA ACAGCAU 25765 115 10915 UGUGUUUU U GUUGGGCA 7391 UGCCCACAA CUGAUGAG GCCGUUAGGC GGA ACAACAC 25767 124 10906 GUGUGUUU U GUUGGGCA 7392 UGCCCACAAC CUGAUGAG GCCGUUAGGC GGA ACAACAC 25768 138 10905 UGGGGGC  7393 GUGCCAC CUGAUGAG GCCGUUAGGC GGA ACACCAC 25768 138 10905 UGGGGGCG		<del> </del>		<u> </u>		25759
10927						25760
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1112   10919				<del> </del>		
112	<del></del>					
115	<del></del>			<del></del>		
123   10907						
124   10906   GUGGUGUU U UGUGGCAC   7392   GUGCCAC CUGAUGAG   GCGUUAGGC   CGAA AACACCAC   25769   138   10992   CAGGGGGU C UGCACUAA   7394   UUAGUGGA CUGAUGAG   GCGUUAGGC   CGAA AACACCAC   25769   138   10892   CAGGGGGU C UGCACUAA   7394   UUAGUGGA CUGAUGAG   GCGUUAGGC   CGAA AACACCAC   25769   138   10892   CAGGGGGU C UCACUAA   7394   UUAGUGGA CUGAUGAG   GCGUUAGGC   CGAA AACACCAC   25771   145   10885   UCUCCACU A ACCUCUAG   7395   GGUUAGGG   CUGAUGAG   GCCGUUAGGC   CGAA AGACCCCC   25771   145   10885   UCUCCACU A ACCUCUAG   7397   AAGGACUA CUGAUGAG   GCCGUUAGGC   CGAA AGGUUAGU   25773   159   10888   ACUAACCU C UAGUCCUU   7397   AAGGACUA CUGAUGAG   GCCGUUAGGC   CGAA AGGUUAGU   25773   152   10878   UAACCUCU A GUCCUCU   7398   GGAAGGC   CUGAUGAG   GCCGUUAGGC   CGAA AGGUUAGU   25773   155   10875   CCUCUAGU C   CUUCCCCU   7399   AGGGGAG   CUGAUGAG   GCCGUUAGGC   CGAA ACUAGAGG   25775   159   10871   UAGUCCUU   CCCCUGAC   7400   GUCAGGGG   CUGAUGAG   GCCGUUAGGC   CGAA ACUAGAGG   25775   159   10871   UAGUCCUU   CCCCUGAC   7401   GGUCAGGG   CUGAUGAG   GCCGUUAGGC   CGAA AGGACUAG   25776   1691   CAGGACCU   ACGCUUCA   7402   UGAAGGCU   CUGAUGAG   GCCGUUAGGC   CGAA AGGACUAG   25776   1691   CAGGACCU   CAGUUCA   7402   UGAAGGCU   CUGAUGAG   GCCGUUAGGC   CGAA AGGACUAG   25776   1695   GUUCAGGC   U AGGCCUG   CAGCUCCA   CAGCUCCA   CAGCUUCA   CAGUUCA	ļ					+
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200         10830         UGCACUUU A AACCGCGG         7408         CCGCGGUU CUGAUGAG         GCCGUUAGGC         CGA AAAGUGCA         25784           212         10818         CGCGGGGU C UCCUCUAA         7409         UUAGAGGA CUGAUGAG         CGAA ACCCCGC         25785           214         10816         CGGGGGUC C CUCUAACC         7410         GGUAGAG CUGAUGAG GCCGUUAGGC CGAA AGACCCCG         25786           217         10813         GGUCUCCU C UAACCCUCU         7411         AGAGGUUA CUGAUGAG GCCGUUAGGC CGAA AGAGACAC         25787           219         10811         UCUCUCUCU A ACCUCUAG         7412         CUAGAGGU CUGAUGAG GCCGUUAGGC CGAA AGAGGACA         25788           224         10806         UCUAACCCU C UAGCCCUU         7413         AAGAGCUA CUGAUGAG GCCGUUAGGC CGAA AGAGGUUA         25789           226         10804         UAACCUCU A GUCCUUUC         7414         GAAAGGAC CUGAUGAG GCCGUUAGGC CGAA AGAGGUUA         25790           229         10801         CCUCUAGU C CUUUCGCC         7415         GGCGAAAG CUGAUGAG GCCGUUAGGC CGAA AGAGCUAG         25792           232         10798         CUAGUCCU U CGCCUGG         7416         CAGGGCG CUGAUGAG GCCGUUAGGC CGAA AAGACUA         25792           233         10797         UAGUCCUU U CGCCCUGG         7417         CCAGGGCC CUGAUGAG CCGUUAGGC CGAA AAGGA			<del></del>			
212         10818         CGCGGGGU C UCCUCUAA         7409         UUAGAGGA CUGAUGGG GCGUUAGGC CGAA ACCCCGG         25785           214         10816         CGGGGGUC C CUCUAACC         7410         GGUUAGAG CUGAUGAG GCCGUUAGGC CGAA AGACCCCG         25786           217         10813         GGUCUCCU C UAACCUCU         7411         AGAGGUUA CUGAUGAG GCCGUUAGGC CGAA AGACCCCG         25787           219         10811         UCUCCUCU A ACCUCUG         7412         CUAGAGGU CUGAUGAG GCCGUUAGGC CGAA AGAGGAA         25788           224         10806         UCUAACCU C UAGUCUU         7413         AAGAGACUA CUGAUGAG GCCGUUAGGC CGAA AGAGGUUA         25789           226         10804         UAACCUCU A GUCCUUUC         7414         GAAAGGAC CUGAUGAG GCCGUUAGGC CGAA AGAGGUUA         25790           229         10801         CCUCUAGU C CUUUCGCC         7415         GGCGAAAG CUGAUGAG GCCGUUAGGC CGAA AGAGCUA         25791           232         10798         CUAGUCCU U UCGCCCUG         7416         CAGGGGG CUGAUGAG GCCGUUAGGC CGAA AAGGACUA         25792           233         10797         UAGUCCUU U CGCCCUGG         7417         CCAGGGGC CUGAUGAG GCCGUUAGGC CGAA AAGGACUA         25793           234         10786         AGUCCUGU U AACACCAU         7419         AUGGUGUU CUGAUGAG GCCGUUAGGC CGAA AACCAGGC         25795						
214         10816         CGGGGUCU C CUCUAACC         7410         GGUUAGAG CUGAUGAG GCCGUUAGGC CGAA AGACCCCG         25786           217         10813         GGUCUCCU C UAACCUCU         7411         AGAGGUA CUGAUGAG GCCGUUAGGC         CGAA AGAGGACC         25787           219         10811         UCUCCUCU A ACCUCUAG         7412         CUAGAGGU CUGAUGAG GCCGUUAGGC         CGAA AGAGGACA         25788           224         10806         UCUAACCU C UAGUCCUU         7413         AAGGACUA CUGAUGAG GCCGUUAGGC         CGAA AGAGGUUA         25789           226         10804         UAACCUCU A GUCCUUUC         7414         GAAAGGAC CUGAUGAG GCCGUUAGGC         CGAA AGAGGUUA         25790           229         10801         CCUCUAGU C CUUUCGCC         7415         GGGGGGA CUGAUGAG GCCGUUAGGC CGAA AGGACUA         25791           232         10798         CUAGUCCU U UCGCCCUG         7416         CAGGGCGA CUGAUGAG GCCGUUAGGC CGAA AAGGACUA         25792           233         10797         UAGUCCUU U CGCCCUGG         7417         CCAGGGCG CUGAUGAG GCCGUUAGGC CGAA AAGGACUA         25792           234         10796         AGUCCUUU C GCCCUGGU         7418         ACCAGGGC CUGAUGAG GCCGUUAGGC CGAA AACCAGGC 25795           243         10787         GCCCUGGU U ACCACAUU         7420         AAUGGUGU CUGAUGAG GCCGUUAGG			<del></del>	<b></b>		
217         10813         GGUCUCCU         C UAACCUCU         7411         AGAGGUUA         CUGAUGAG         GCCGUUAGGC         CGAA         AGGAGACC         25787           219         10811         UCUCCUCU         A ACCUCUAG         7412         CUAGAGGU         CUGAUGAG         CGAA         AGAGGAGA         25788           224         10806         UCUAACCU         C UAGUCCUU         7413         AAGGACUA         CUGAUGAG         GCCGUUAGGC         CGAA         AGGGUUA         25789           226         10804         UAACCUCU         A GUCCUUUC         7414         GAAAGGAC         CUGAUGAG         GCCGUUAGGC         CGAA         AGGAGUUA         25790           229         10801         CCUCUAGU         C CUUUCGCC         7415         GGCGAAAG         CUGAUGAG         GCCGUUAGGC         CGAA         ACUAGAGG         25791           232         10798         CUAGUCCU         U GCCCUGG         7416         CAGGGCGA         CUGAUGAG         GCCGUUAGGC         CGAA         AAGGACUA         25792           233         10797         UAGUCCUU         U GCCCUGGU         7418         ACCAGGGC         CUGAUGAG         GCCGUUAGGC         CGAA         AAGGACUA         25793           243         10				<del></del>	<del></del>	
219         10811         UCUCCUCU A ACCUCUAG         7412         CUAGAGGU CUGAUGAG GCCGUUAGGC CGAA AGAGGAGA         25788           224         10806         UCUAACCU C UAGUCCUU         7413         AAGGACUA CUGAUGAG GCCGUUAGGC CGAA AGGUUAGA         25789           226         10804         UAACCUCU A GUCCUUUC         7414         GAAAGGAC CUGAUGAG GCCGUUAGGC CGAA AGAGGUUA         25790           229         10801         CCUCUAGU C CUUUCGCC         7415         GGCGAAAG CUGAUGAG GCCGUUAGGC CGAA ACUAGAGG 25791           232         10798         CUAGUCCU U UCGCCCUG         7416         CAGGGCG CUGAUGAG GCCGUUAGGC CGAA AGGACUAG 25792           233         10797         UAGUCCUU U CGCCCUGG         7417         CCAGGGCG CUGAUGAG GCCGUUAGGC CGAA AAGGACUA 25793           234         10796         AGUCCUUU C GCCCUGGU T418         ACCAGGGC CUGAUGAG GCCGUUAGGC CGAA AACCAGGC 25794           243         10787         GCCCUGGU U AACACCAU T419         AUGGUGUU CUGAUGAG GCCGUUAGGC CGAA AACCAGGC 25795           244         10786         CCCUGGUU A ACCACAU T420         AAUGGUGU CUGAUGAG GCCGUUAGGC CGAA AACCAGGC 25795           252         10778         AACACCAU U ACCGGGGC 7421         GCCCCGG CUGAUGAG GCCGUUAGGC CGAA AACCAGG 25796           253         10777         ACACCAUU ACCGGGGC 7421         GCCCCGG CUGAUGAG GCCGUUAGGC CGAA AACCAGC CGAA AACCAGC CGAA ACCACG CGAA ACCACG CG						+
224         10806         UCUAACCU C UAGUCCUU         7413         AAGGACUA CUGAUGAG GCCGUUAGGC CGAA AGGUUAGA         25789           226         10804         UAACCUCU A GUCCUUC         7414         GAAAGGAC CUGAUGAG GCCGUUAGGC CGAA AGAGGUUA         25790           229         10801         CCUCUAGU C CUUUCGCC         7415         GGCGAAAG CUGAUGAG GCCGUUAGGC CGAA ACUAGAGG 25791           232         10798         CUAGUCCU U UCGCCCUG         7416         CAGGGCGA CUGAUGAG GCCGUUAGGC CGAA AGGACUAG 25792           233         10797         UAGUCCUU U CGCCCUGG         7417         CCAGGGCG CUGAUGAG GCCGUUAGGC CGAA AAGGACUA 25793           234         10796         AGUCCUUU C GCCCUGGU 7418         ACCAGGGC CUGAUGAG GCCGUUAGGC CGAA AAAGGACU 25794           243         10787         GCCCUGGU U AACACCAU 7419         AUGGUGUU CUGAUGAG GCCGUUAGGC CGAA ACCAGGGC 25795           244         10786         CCCUGGUU A ACACCAUU 7420         AAUGGUGU CUGAUGAG GCCGUUAGGC CGAA AACCAGGG 25795           252         10778         AACACCAU U ACCGGGGC 7421         GCCCCGGU CUGAUGAG GCCGUUAGGC CGAA AUGGUGU 25797           253         10777         ACACCAUU A CCGGGGCU 7422         AGCCCCGG CUGAUGAG GCCGUUAGGC CGAA AUGGUGU 25798           262         10768         CCGGGGCU A GGGCCGG 7423         CGCGUUAGG GCCGUUAGGC CGAA ACCCCCGG 25800           279         10751	219					
226 10804 UAACCUCU A GUCCUUUC 7414 GAAAGGAC CUGAUGAG GCCGUUAGGC CGAA AGAGGUUA 25790 229 10801 CCUCUAGU C CUUUCGCC 7415 GGCGAAAG CUGAUGAG GCCGUUAGGC CGAA ACUAGAGG 25791 232 10798 CUAGUCCU U UCGCCCUG 7416 CAGGGCGA CUGAUGAG GCCGUUAGGC CGAA AGACUAG 25792 233 10797 UAGUCCUU U CGCCCUGG 7417 CCAGGGCG CUGAUGAG GCCGUUAGGC CGAA AAGGACUAG 25793 234 10796 AGUCCUUU C GCCCUGGU 7418 ACCAGGGC CUGAUGAG GCCGUUAGGC CGAA AAAGGACUA 25793 243 10787 GCCCUGGU U AACACCAU 7419 AUGGUGUU CUGAUGAG GCCGUUAGGC CGAA AAAGGACU 25794 244 10786 CCCUGGUU A ACACCAUU 7420 AAUGGUGU CUGAUGAG GCCGUUAGGC CGAA AACCAGGGC 25795 252 10778 AACACCAU U ACCGGGGC 7421 GCCCCGGU CUGAUGAG GCCGUUAGGC CGAA AACGAGGC 25797 253 10777 ACACCAUU A CCGGGGCC 7421 GCCCCGGU CUGAUGAG GCCGUUAGGC CGAA AUGGUGUU 25797 262 10768 CCGGGGCU A GGGCCGCG 7423 CGCGGCC CUGAUGAG GCCGUUAGGC CGAA AAUGGUGU 25798 279 10751 UGGGGGGU U GGUUUGCC 7424 GGCAAACC CUGAUGAG GCCGUUAGGC CGAA ACCCCCG 25800 283 10747 GCGUUGGU U GGCCUUUG 7425 CAAAGGCA CUGAUGAG GCCGUUAGGC CGAA ACCCCCCA 25800 284 10746 CGUUGGUU U GCCCUUUG 7426 ACAAAGGC CUGAUGAG GCCGUUAGGC CGAA ACCAACGC 25801 289 10741 GUUUGCCU U UGUUAACCC 7427 GGUUAACA CUGAUGAG GCCGUUAGGC CGAA AACCAACG 25802 290 10740 UUUGCCUU U GUUAACCC 7428 GGGUUAACA CUGAUGAG GCCGUUAGGC CGAA AAGGCAAAC 25803	224	10806		<del></del>		+ -
229 10801 CCUCUAGU C CUUUCGCC 7415 GGCGAAAG CUGAUGAG GCCGUUAGGC CGAA ACUAGAGG 25791 232 10798 CUAGUCCU U UCGCCCUG 7416 CAGGGCGA CUGAUGAG GCCGUUAGGC CGAA AGGACUAG 25792 233 10797 UAGUCCUU U CGCCCUGG 7417 CCAGGGCG CUGAUGAG GCCGUUAGGC CGAA AAGGACUA 25793 234 10796 AGUCCUUU C GCCCUGGU 7418 ACCAGGGC CUGAUGAG GCCGUUAGGC CGAA AAAGGACUA 25794 243 10787 GCCCUGGU U AACACCAU 7419 AUGGUGUU CUGAUGAG GCCGUUAGGC CGAA ACCAGGGC 25795 244 10786 CCCUGGUU A ACACCAUU 7420 AAUGGUGU CUGAUGAG GCCGUUAGGC CGAA ACCAGGGC 25796 252 10778 AACACCAU U ACCGGGGC 7421 GCCCCGGU CUGAUGAG GCCGUUAGGC CGAA AUGGUGUU 25797 253 10777 ACACCAUU A CCGGGGCU 7422 AGCCCCGG CUGAUGAG GCCGUUAGGC CGAA AUGGUGUU 25798 262 10768 CCGGGGCU A GGGCCGCG 7423 CGCGCCC CUGAUGAG GCCGUUAGGC CGAA AGCCCCGG 25799 279 10751 UGGGGCGU U GGUUUGCC 7424 GGCAAACC CUGAUGAG GCCGUUAGGC CGAA ACCCCCCA 25800 283 10747 GCGUUGGU U UGCCUUUG 7425 CAAAGGCA CUGAUGAG GCCGUUAGGC CGAA ACCCACCC 25801 284 10746 CGUUGGUU U GCCUUUGU 7426 ACAAAGGC CUGAUGAG GCCGUUAGGC CGAA ACCAACGC 25801 289 10741 GUUUGCCU U UGUUAACC 7427 GGUUAACA CUGAUGAG GCCGUUAGGC CGAA AACCAACG 25802 290 10740 UUUGCCUU U GUUAACCC 7428 GGGUUAACA CUGAUGAG GCCGUUAGGC CGAA AAGGCAAA 25804		<del></del>		+		+
232 10798 CUAGUCCU U UCGCCCUG 7416 CAGGGCGA CUGAUGAG GCCGUUAGGC CGAA AGGACUAG 25792 233 10797 UAGUCCUU U CGCCCUGG 7417 CCAGGGCG CUGAUGAG GCCGUUAGGC CGAA AAGGACUA 25793 234 10796 AGUCCUUU C GCCCUGGU 7418 ACCAGGGC CUGAUGAG GCCGUUAGGC CGAA AAGGACUA 25794 243 10787 GCCCUGGU U AACACCAU 7419 AUGGUGUU CUGAUGAG GCCGUUAGGC CGAA ACCAGGGC 25795 244 10786 CCCUGGUU A ACACCAUU 7420 AAUGGUGU CUGAUGAG GCCGUUAGGC CGAA ACCAGGG 25796 252 10778 AACACCAU U ACCGGGGC 7421 GCCCCGGU CUGAUGAG GCCGUUAGGC CGAA AUGGUGU 25797 253 10777 ACACCAUU A CCGGGGCU 7422 AGCCCCGG CUGAUGAG GCCGUUAGGC CGAA AUGGUGU 25798 262 10768 CCGGGGCU A GGGCCGCG 7423 CGCGCCC CUGAUGAG GCCGUUAGGC CGAA AGCCCCGG 25799 279 10751 UGGGGCGU U GGUUUGCC 7424 GGCAAACC CUGAUGAG GCCGUUAGGC CGAA ACGCCCCA 25800 283 10747 GCGUUGGU U UGCCUUUG 7425 CAAAGGCA CUGAUGAG GCCGUUAGGC CGAA ACCAACGC 25801 284 10746 CGUUGGUU U GCCUUUGU 7426 ACAAAGGC CUGAUGAG GCCGUUAGGC CGAA ACCAACGC 25802 289 10741 GUUUGCCU U UGUUAACC 7427 GGUUAACA CUGAUGAG GCCGUUAGGC CGAA AGCCAACG 25803		<del> </del>				<del></del>
233 10797 UAGUCCUU U CGCCCUGG 7417 CCAGGGCG CUGAUGAG GCCGUUAGGC CGAA AAGGACUA 25793 234 10796 AGUCCUUU C GCCCUGGU 7418 ACCAGGGC CUGAUGAG GCCGUUAGGC CGAA AAAGGACUA 25794 243 10787 GCCCUGGU U AACACCAU 7419 AUGGUGUU CUGAUGAG GCCGUUAGGC CGAA ACCAGGGC 25795 244 10786 CCCUGGUU A ACACCAUU 7420 AAUGGUGU CUGAUGAG GCCGUUAGGC CGAA ACCAGGG 25796 252 10778 AACACCAU U ACCGGGGC 7421 GCCCCGGU CUGAUGAG GCCGUUAGGC CGAA AUGGUGUU 25797 253 10777 ACACCAUU A CCGGGGCU 7422 AGCCCCGG CUGAUGAG GCCGUUAGGC CGAA AAUGGUGU 25798 262 10768 CCGGGGCU A GGGCCGCG 7423 CGCGCCC CUGAUGAG GCCGUUAGGC CGAA AGCCCCGG 25799 279 10751 UGGGGCGU U GGUUUGCC 7424 GGCAAACC CUGAUGAG GCCGUUAGGC CGAA ACGCCCCA 25800 283 10747 GCGUUGGU U UGCCUUUG 7425 CAAAGGCA CUGAUGAG GCCGUUAGGC CGAA ACCAACGC 25801 284 10746 CGUUGGUU U GCCUUUGU 7426 ACAAAGGC CUGAUGAG GCCGUUAGGC CGAA ACCAACGC 25802 289 10741 GUUUGCCU U UGUUAACC 7427 GGUUAACA CUGAUGAG GCCGUUAGGC CGAA AGCCAACG 25803				<del></del>		+
234 10796 AGUCCUUU C GCCCUGGU 7418 ACCAGGGC CUGAUGAG GCCGUUAGGC CGAA AAAGGACU 25794 243 10787 GCCCUGGU U AACACCAU 7419 AUGGUGUU CUGAUGAG GCCGUUAGGC CGAA ACCAGGGC 25795 244 10786 CCCUGGUU A ACACCAUU 7420 AAUGGUGU CUGAUGAG GCCGUUAGGC CGAA ACCAGGG 25796 252 10778 AACACCAU U ACCGGGGC 7421 GCCCCGGU CUGAUGAG GCCGUUAGGC CGAA AUGGUGUU 25797 253 10777 ACACCAUU A CCGGGGCU 7422 AGCCCCGG CUGAUGAG GCCGUUAGGC CGAA AUGGUGUU 25798 262 10768 CCGGGGCU A GGGCCGC 7423 CGCGGCCC CUGAUGAG GCCGUUAGGC CGAA AGCCCCGG 25799 279 10751 UGGGGCGU U GGUUUGCC 7424 GGCAAACC CUGAUGAG GCCGUUAGGC CGAA ACGCCCCA 25800 283 10747 GCGUUGGU U UGCCUUUG 7425 CAAAGGCA CUGAUGAG GCCGUUAGGC CGAA ACCAACGC 25801 284 10746 CGUUGGUU U GCCUUUGU 7426 ACAAAGGC CUGAUGAG GCCGUUAGGC CGAA AACCAACGC 25802 289 10741 GUUUGCCU U UGUUAACC 7427 GGUUAACA CUGAUGAG GCCGUUAGGC CGAA AGCCAACC 25803	<del></del>	<del> </del>	<del></del>			+
243 10787 GCCCUGGU U AACACCAU 7419 AUGGUGUU CUGAUGAG GCCGUUAGGC CGAA ACCAGGGC 25795 244 10786 CCCUGGUU A ACACCAUU 7420 AAUGGUGUU CUGAUGAG GCCGUUAGGC CGAA AACCAGGG 25796 252 10778 AACACCAU U ACCGGGGC 7421 GCCCCGGU CUGAUGAG GCCGUUAGGC CGAA AUGGUGUU 25797 253 10777 ACACCAUU A CCGGGGCU 7422 AGCCCCGG CUGAUGAG GCCGUUAGGC CGAA AUGGUGUU 25798 262 10768 CCGGGGCU A GGGCCGCG 7423 CGCGGCCC CUGAUGAG GCCGUUAGGC CGAA AGCCCCGG 25799 279 10751 UGGGGCGU U GGUUUGCC 7424 GGCAAACC CUGAUGAG GCCGUUAGGC CGAA ACGCCCCA 25800 283 10747 GCGUUGGU U UGCCUUUG 7425 CAAAGGCA CUGAUGAG GCCGUUAGGC CGAA ACCAACGC 25801 284 10746 CGUUGGUU U GCCUUUGU 7426 ACAAAGGC CUGAUGAG GCCGUUAGGC CGAA AACCAACGC 25802 289 10741 GUUUGCCU U UGUUAACC 7427 GGUUAACA CUGAUGAG GCCGUUAGGC CGAA AGCCAACC 25803				<del></del>		+
244 10786 CCCUGGUU A ACACCAUU 7420 AAUGGUGU CUGAUGAG GCCGUUAGGC CGAA AACCAGGG 25796 252 10778 AACACCAU U ACCGGGGC 7421 GCCCCGGU CUGAUGAG GCCGUUAGGC CGAA AUGGUGUU 25797 253 10777 ACACCAUU A CCGGGGCU 7422 AGCCCCGG CUGAUGAG GCCGUUAGGC CGAA AAUGGUGUU 25798 262 10768 CCGGGGCU A GGGCCGCG 7423 CGCGGCCC CUGAUGAG GCCGUUAGGC CGAA AGCCCCGG 25799 279 10751 UGGGGCGU U GGUUUGCC 7424 GGCAAACC CUGAUGAG GCCGUUAGGC CGAA ACGCCCCA 25800 283 10747 GCGUUGGU U UGCCUUUG 7425 CAAAGGCA CUGAUGAG GCCGUUAGGC CGAA ACCAACGC 25801 284 10746 CGUUGGUU U GCCUUUGU 7426 ACAAAGGC CUGAUGAG GCCGUUAGGC CGAA AACCAACG 25802 289 10741 GUUUGCCU U UGUUAACC 7427 GGUUAACA CUGAUGAG GCCGUUAGGC CGAA AGGCAAAC 25803	243					+
252 10778 AACACCAU U ACCGGGGC 7421 GCCCCGGU CUGAUGAG GCCGUUAGGC CGAA AUGGUGUU 25797 253 10777 ACACCAUU A CCGGGGCU 7422 AGCCCCGG CUGAUGAG GCCGUUAGGC CGAA AAUGGUGUU 25798 262 10768 CCGGGGCU A GGGCCGCG 7423 CGCGGCCC CUGAUGAG GCCGUUAGGC CGAA AGCCCCGG 25799 279 10751 UGGGGCGU U GGUUUGCC 7424 GGCAAACC CUGAUGAG GCCGUUAGGC CGAA ACGCCCCA 25800 283 10747 GCGUUGGU U UGCCUUUG 7425 CAAAGGCA CUGAUGAG GCCGUUAGGC CGAA ACCAACGC 25801 284 10746 CGUUGGUU U GCCUUUGU 7426 ACAAAGGC CUGAUGAG GCCGUUAGGC CGAA AACCAACG 25802 289 10741 GUUUGCCU U UGUUAACC 7427 GGUUAACA CUGAUGAG GCCGUUAGGC CGAA AGGCAAAC 25803 290 10740 UUUGCCUU U GUUAACCC 7428 GGGUUAACA CUGAUGAG GCCGUUAGGC CGAA AAGGCAAA 25804	244		<del></del>		· · · · · · · · · · · · · · · · · · ·	<del> </del>
253 10777 ACACCAUU A CCGGGGCU 7422 AGCCCCGG CUGAUGAG GCCGUUAGGC CGAA AAUGGUGU 25798 262 10768 CCGGGGCU A GGGCCGC 7423 CGCGGCCC CUGAUGAG GCCGUUAGGC CGAA AGCCCCGG 25799 279 10751 UGGGGCGU U GGUUUGCC 7424 GGCAAACC CUGAUGAG GCCGUUAGGC CGAA ACGCCCCA 25800 283 10747 GCGUUGGU U UGCCUUUG 7425 CAAAGGCA CUGAUGAG GCCGUUAGGC CGAA ACCAACGC 25801 284 10746 CGUUGGUU U GCCUUUGU 7426 ACAAAGGC CUGAUGAG GCCGUUAGGC CGAA AACCAACG 25802 289 10741 GUUUGCCU U UGUUAACC 7427 GGUUAACA CUGAUGAG GCCGUUAGGC CGAA AGGCAAAC 25803 290 10740 UUUGCCUU U GUUAACCC 7428 GGGUUAAC CUGAUGAG GCCGUUAGGC CGAA AAGGCAAA 25804		<del></del>				
262 10768 CCGGGGCU A GGGCCGCG 7423 CGCGGCCC CUGAUGAG GCCGUUAGGC CGAA AGCCCCGG 25799 279 10751 UGGGGCGU U GGUUUGCC 7424 GGCAAACC CUGAUGAG GCCGUUAGGC CGAA ACGCCCCA 25800 283 10747 GCGUUGGU U UGCCUUUG 7425 CAAAGGCA CUGAUGAG GCCGUUAGGC CGAA ACCAACGC 25801 284 10746 CGUUGGUU U GCCUUUGU 7426 ACAAAGGC CUGAUGAG GCCGUUAGGC CGAA AACCAACG 25802 289 10741 GUUUGCCU U UGUUAACC 7427 GGUUAACA CUGAUGAG GCCGUUAGGC CGAA AGGCAAAC 25803 290 10740 UUUGCCUU U GUUAACCC 7428 GGGUUAAC CUGAUGAG GCCGUUAGGC CGAA AAGGCAAA 25804	253					+
279 10751 UGGGGCGU U GGUUUGCC 7424 GGCAAACC CUGAUGAG GCCGUUAGGC CGAA ACGCCCCA 25800 283 10747 GCGUUGGU U UGCCUUUG 7425 CAAAGGCA CUGAUGAG GCCGUUAGGC CGAA ACCAACGC 25801 284 10746 CGUUGGUU U GCCUUUGU 7426 ACAAAGGC CUGAUGAG GCCGUUAGGC CGAA AACCAACG 25802 289 10741 GUUUGCCU U UGUUAACC 7427 GGUUAACA CUGAUGAG GCCGUUAGGC CGAA AGGCAAAC 25803 290 10740 UUUGCCUU U GUUAACCC 7428 GGGUUAAC CUGAUGAG GCCGUUAGGC CGAA AAGGCAAA 25804	262	10768	CCGGGGCU A GGGCCGCG	<del></del>	<del>, , , , , , , , , , , , , , , , , , , </del>	+
283 10747 GCGUUGGU U UGCCUUUG 7425 CAAAGGCA CUGAUGAG GCCGUUAGGC CGAA ACCAACGC 25801 284 10746 CGUUGGUU U GCCUUUGU 7426 ACAAAGGC CUGAUGAG GCCGUUAGGC CGAA AACCAACG 25802 289 10741 GUUUGCCU U UGUUAACC 7427 GGUUAACA CUGAUGAG GCCGUUAGGC CGAA AGGCAAAC 25803 290 10740 UUUGCCUU U GUUAACCC 7428 GGGUUAAC CUGAUGAG GCCGUUAGGC CGAA AAGGCAAA 25804	279				<del></del>	
284 10746 CGUUGGUU U GCCUUUGU 7426 ACAAAGGC CUGAUGAG GCCGUUAGGC CGAA AACCAACG 25802 289 10741 GUUUGCCU U UGUUAACC 7427 GGUUAACA CUGAUGAG GCCGUUAGGC CGAA AGGCAAAC 25803 290 10740 UUUGCCUU U GUUAACCC 7428 GGGUUAAC CUGAUGAG GCCGUUAGGC CGAA AAGGCAAA 25804	283		GCGUUGGU U UGCCUUUG	7425		+
289 10741 GUUUGCCU U UGUUAACC 7427 GGUUAACA CUGAUGAG GCCGUUAGGC CGAA AGGCAAAC 25803 290 10740 UUUGCCUU U GUUAACCC 7428 GGGUUAAC CUGAUGAG GCCGUUAGGC CGAA AAGGCAAA 25804	284	10746	CGUUGGUU U GCCUUUGU	<del></del>	<del></del>	
290 10740 UUUGCCUU U GUUAACCC 7428 GGGUUAAC CUGAUGAG GCCGUUAGGC CGAA AAGGCAAA 25804	289	10741	GUUUGCCU U UGUUAACC	7427	<del></del>	+
202 10727 (0007770) 17 2200000	290	10740	UUUGCCUU U GUUAACCC	7428		<del> </del>
	293	10737	GCCUUUGU U AACCCAGU	7429	ACUGGGUU CUGAUGAG GCCGUUAGGC CGAA ACAAAGGC	25805

	W O 02	7008037	Tabl	le VIII	•
294	10736	CCUUUGUU A ACCCAGUC	7430		25806
302	10728	AACCCAGU C CUCCUGGG	7431		25807
305	10725	CCAGUCCU C CUGGGGCA	7432	· · · · · · · · · · · · · · · · · · ·	25808
316	10714	GGGGCACU A UCGCAGAC	7433		25809
318	10712	GGCACUAU C GCAGACUG	7434		25810
331	10699	ACUGCACU C UCCGCAGA	7435		25811
333	10697	UGCACUCU C CGCAGAGU	7436		
342	10688	CGCAGAGU A GCACGCCG	7437		25812
352	10678	CACGCCGU A GCGUGGUC	7438	·	25813
360	10670	AGCGUGGU C UGACAUUG	7438		25814
367	<del></del>			<u> </u>	25815
	10663	UCUGACAU U GGGCUUUG	7440	<del>                                     </del>	25816
373	10657	AUUGGGCU U UGAAGUUA	7441		25817
374	10656	UUGGGCUU U GAAGUUAC	7442		25818
380	10650	UUUGAAGU U ACAACAUG	7443		25819
381	10649	UUGAAGUU A CAACAUGU	7444		25820
395	10635	uguggggu c cuccuucc	7445		25821
398	10632	GGGGUCCU C CUUCCGAG	7446		25822
401	10629	GUCCUCCU U CCGAGACG	7447		25823
402	10628	UCCUCCUU C CGAGACGG	7448		25824
412	10618	GAGACGGU U CUGAGGGC	7449		25825
413	10617	AGACGGUU C UGAGGGCU	7450		25826
422	10608	UGAGGGCU U ACAUGGAU	7451		25827
423	10607	GAGGGCUU A CAUGGAUC	7452		25828
431	10599	ACAUGGAU C ACUUCGCG	7453		25829
435	10595	GGAUCACU U CGCGGCUU	7454	AAGCCGCG CUGAUGAG GCCGUUAGGC CGAA AGUGAUCC	25830
436	10594	GAUCACUU C GCGGCUUU	7455	AAAGCCGC CUGAUGAG GCCGUUAGGC CGAA AAGUGAUC	25831
443	10587	UCGCGGCU U UGUUCACC	7456	GGUGAACA CUGAUGAG GCCGUUAGGC CGAA AGCCGCGA	25832
444	10586	CGCGGCUU U GUUCACCC	7457	GGGUGAAC CUGAUGAG GCCGUUAGGC CGAA AAGCCGCG	25833
447	10583	GGCUUUGU U CACCCAGU	7458	ACUGGGUG CUGAUGAG GCCGUUAGGC CGAA ACAAAGCC	25834
448	10582	GCUUUGUU C ACCCAGUC	7459	GACUGGGU CUGAUGAG GCCGUUAGGC CGAA AACAAAGC	25835
456	10574	CACCCAGU C CUCCUGGG	7460	CCCAGGAG CUGAUGAG GCCGUUAGGC CGAA ACUGGGUG	25836
459	10571	CCAGUCCU C CUGGGGUU	7461	AACCCCAG CUGAUGAG GCCGUUAGGC CGAA AGGACUGG	25837
467	10563	CCUGGGGU U GAGUCGCA	7462	UGCGACUC CUGAUGAG GCCGUUAGGC CGAA ACCCCAGG	25838
472	10558	GGUUGAGU C GCAGGCAG	7463	CUGCCUGC CUGAUGAG GCCGUUAGGC CGAA ACUCAACC	25839
487	10543	AGCACCGU C UACUCAAC	7464	GUUGAGUA CUGAUGAG GCCGUUAGGC CGAA ACGGUGCU	25840
489	10541	CACCGUCU A CUCAACUU	7465	AAGUUGAG CUGAUGAG GCCGUUAGGC CGAA AGACGGUG	25841
492	10538	CGUCUACU C AACUUCCG	7466	CGGAAGUU CUGAUGAG GCCGUUAGGC CGAA AGUAGACG	25842
497	10533	ACUCAACU U CCGGUGGC	7467	GCCACCGG CUGAUGAG GCCGUUAGGC CGAA AGUUGAGU	25843
498	10532	CUCAACUU C CGGUGGCG	7468	CGCCACCG CUGAUGAG GCCGUUAGGC CGAA AAGUUGAG	25844
513	10517	CGGGAACU U CCCGGCCU	7469	AGGCCGGG CUGAUGAG GCCGUUAGGC CGAA AGUUCCCG	25845
514	10516	GGGAACUU C CCGGCCUG	7470	CAGGCCGG CUGAUGAG GCCGUUAGGC CGAA AAGUUCCC	25846
526	10504	GCCUGACU U UCUCCUCA	7471	UGAGGAGA CUGAUGAG GCCGUUAGGC CGAA AGUCAGGC	25847
527	10503	CCUGACUU U CUCCUCAA	7472	— · · · · · · · · · · · · · · · · · · ·	25848
528	10502	CUGACUUU C UCCUCAAA	7473	<del>                                     </del>	25849
530	10500	GACUUUCU C CUCAAAAU	7474		25850
533	10497	UUUCUCCU C AAAAUUUU	7475		25851
539	10491	CUCAAAAU U UUCUUAAC	7476		25852
540	10490	UCAAAAUU U UCUUAACU	7477		25853
541	10489	CAAAAUUU U CUUAACUA	7478		25854
542	10488	AAAAUUUU C UUAACUAU	7479		25855
544	10486	AAUUUUCU U AACUAUUU	7480		25856
545	10485	AUUUUCUU A ACUAUUUA	7481		25857
549	10481	UCUUAACU A UUUACACU	7482		25858
551	10479	UUAACUAU U UACACUAA	7483		25859
552	10478	UAACUAUU U ACACUAAC	7484		25860
553	10477	AACUAUUU A CACUAACA	7485		25861
558	10472	UUUACACU A ACACCACU	7486		25862
567	10463	ACACCACU A AAUACUAC	7487		25863
571	10459	CACUAAAU A CUACUAUA	7488		25864
574	10456	UAAAUACU A CUAUAAAA	7489		25865
577	10453	AUACUACU A UAAAACUA	7490		25866
579	10451	ACUACUAU A AAACUACA	7491		
	لتئسب			1 100000 COULDING OCCOODING COMM MUNGUAGU	25867

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		Table V

				5 4111	
585	10445	AUAAAACU A CACUUUUA	7492	UAAAAGUG CUGAUGAG GCCGUUAGGC CGAA AGUUUUAU	25868
590	10440	ACUACACU U UUAUGCAU	7493	AUGCAUAA CUGAUGAG GCCGUUAGGC CGAA AGUGUAGU	25869
591	10439	CUACACUU U UAUGCAUA	7494	UAUGCAUA CUGAUGAG GCCGUUAGGC CGAA AAGUGUAG	25870
592	10438	UACACUUU U AUGCAUAC	7495	GUAUGCAU CUGAUGAG GCCGUUAGGC CGAA AAAGUGUA	25871
593	10437	ACACUUUU A UGCAUACU	7496	AGUAUGCA CUGAUGAG GCCGUUAGGC CGAA AAAAGUGU	25872
599	10431	UUAUGCAU A CUUAUAUU	7497	AAUAUAAG CUGAUGAG GCCGUUAGGC CGAA AUGCAUAA	25873
602	10428	UGCAUACU U AUAUUGUC	7498	GACAAUAU CUGAUGAG GCCGUUAGGC CGAA AGUAUGCA	25874
	10427	GCAUACUU A UAUUGUCU	7499	AGACAAUA CUGAUGAG GCCGUUAGGC CGAA AAGUAUGC	25875
603		AUACUUAU A UUGUCUAU	7500	AUAGACAA CUGAUGAG GCCGUUAGGC CGAA AUAAGUAU	25876
605	10425		7501	AAAUAGAC CUGAUGAG GCCGUUAGGC CGAA AUAUAAGU	25877
607	10423	ACUUAUAU U GUCUAUUU	<del></del>		25878
610	10420	UAUAUUGU C UAUUUACA	7502	UGUAAAUA CUGAUGAG GCCGUUAGGC CGAA ACAAUAUA	
612	10418	UAUUGUCU A UUUACAAU	7503	AUUGUAAA CUGAUGAG GCCGUUAGGC CGAA AGACAAUA	25879
614	10416	UUGUCUAU U UACAAUUG	7504	CAAUUGUA CUGAUGAG GCCGUUAGGC CGAA AUAGACAA	25880
615	10415	UGUCUAUU U ACAAUUGA	7505	UCAAUUGU CUGAUGAG GCCGUUAGGC CGAA AAUAGACA	25881
616	10414	GUCUAUUU A CAAUUGAU	7506	AUCAAUUG CUGAUGAG GCCGUUAGGC CGAA AAAUAGAC	25882
621	10409	UUUACAAU U GAUUAAAU	7507	AUUUAAUC CUGAUGAG GCCGUUAGGC CGAA AUUGUAAA	25883
625	10405	CAAUUGAU U AAAUAUCU	7508	AGAUAUUU CUGAUGAG GCCGUUAGGC CGAA AUCAAUUG	25884
626	10404	AAUUGAUU A AAUAUCUA	7509	UAGAUAUU CUGAUGAG GCCGUUAGGC CGAA AAUCAAUU	25885
630	10400	GAUUAAAU A UCUACAGU	7510	ACUGUAGA CUGAUGAG GCCGUUAGGC CGAA AUUUAAUC	25886
632	10398	UUAAAUAU C UACAGUAC	7511	GUACUGUA CUGAUGAG GCCGUUAGGC CGAA AUAUUUAA	25887
634	10396	AAAUAUCU A CAGUACUG	7512	CAGUACUG CUGAUGAG GCCGUUAGGC CGAA AGAUAUUU	25888
639	10391	UCUACAGU A CUGUGUCC	7513	GGACACAG CUGAUGAG GCCGUUAGGC CGAA ACUGUAGA	25889
646	10384	UACUGUGU C CUCAACCA	7514	UGGUUGAG CUGAUGAG GCCGUUAGGC CGAA ACACAGUA	25890
649	10381	UGUGUCCU C AACCAAAG	7515	CUUUGGUU CUGAUGAG GCCGUUAGGC CGAA AGGACACA	25891
<del></del>	10371	ACCAAAGU U GUGUCUUC	7516	GAAGACAC CUGAUGAG GCCGUUAGGC CGAA ACUUUGGU	25892
659			7517	GAUAUGAA CUGAUGAG GCCGUUAGGC CGAA ACACAACU	25893
664	10366	AGUUGUGU C UUCAUAUC		GAGAUAUG CUGAUGAG GCCGUUAGGC CGAA AGACACAA	25894
666	10364	UUGUGUCU U CAUAUCUC	7518		<del></del>
667	10363	UGUGUCUU C AUAUCUCU	7519	AGAGAUAU CUGAUGAG GCCGUUAGGC CGAA AAGACACA	25895
670	10360	GUCUUCAU A UCUCUUUA	7520	UAAAGAGA CUGAUGAG GCCGUUAGGC CGAA AUGAAGAC	25896
672	10358	CUUCAUAU C UCUUUAGU	7521	ACUAAAGA CUGAUGAG GCCGUUAGGC CGAA AUAUGAAG	25897
674	10356	UCAUAUCU C UUUAGUGA	7522	UCACUAAA CUGAUGAG GCCGUUAGGC CGAA AGAUAUGA	25898
676	10354	AUAUCUCU U UAGUGAAC	7523	GUUCACUA CUGAUGAG GCCGUUAGGC CGAA AGAGAUAU	25899
677	10353	UAUCUCUU U AGUGAACU	7524	AGUUCACU CUGAUGAG GCCGUUAGGC CGAA AAGAGAUA	25900
678	10352	AUCUCUUU A GUGAACUC	7525	GAGUUCAC CUGAUGAG GCCGUUAGGC CGAA AAAGAGAU	25901
686	10344	AGUGAACU C AUGUAAUC	7526	GAUUACAU CUGAUGAG GCCGUUAGGC CGAA AGUUCACU	25902
691	10339	ACUCAUGU A AUCCACAU	7527	AUGUGGAU CUGAUGAG GCCGUUAGGC CGAA ACAUGAGU	25903
694	10336	CAUGUAAU C CACAUACU	7528	AGUAUGUG CUGAUGAG GCCGUUAGGC CGAA AUUACAUG	25904
700	10330	AUCCACAU A CUUCUCAU	7529	AUGAGAAG CUGAUGAG GCCGUUAGGC CGAA AUGUGGAU	25905
703	10327	CACAUACU U CUCAUCUC	7530	GAGAUGAG CUGAUGAG GCCGUUAGGC CGAA AGUAUGUG	25906
704	10326	ACAUACUU C UCAUCUCC	7531	GGAGAUGA CUGAUGAG GCCGUUAGGC CGAA AAGUAUGU	25907
706	10324	AUACUUCU C AUCUCCGA	7532	UCGGAGAU CUGAUGAG GCCGUUAGGC CGAA AGAAGUAU	25908
709	10321	CUUCUCAU C UCCGAUGA	7533	UCAUCGGA CUGAUGAG GCCGUUAGGC CGAA AUGAGAAG	25909
711	10319	UCUCAUCU C CGAUGAUU	7534	AAUCAUCG CUGAUGAG GCCGUUAGGC CGAA AGAUGAGA	25910
719	10311		7535	GUCAGAGC CUGAUGAG GCCGUUAGGC CGAA AUCAUCGG	25911
723	10307		7536	CCAAGUCA CUGAUGAG GCCGUUAGGC CGAA AGCAAUCA	25912
729	10301	CUCUGACU U GGUUGAUA	7537	UAUCAACC CUGAUGAG GCCGUUAGGC CGAA AGUCAGAG	25913
733	10301	GACUUGGU U GAUAGCCA	7538	UGGCUAUC CUGAUGAG GCCGUUAGGC CGAA ACCAAGUC	25914
737	10297	UGGUUGAU A GCCACCUG	7539	CAGGUGGC CUGAUGAG GCCGUUAGGC CGAA AUCAACCA	25915
	10279		7540	GGGCAGAA CUGAUGAG GCCGUUAGGC CGAA ACCAUCCAG	25916
751	<del></del>	CUGGAUGU U UUCUGCCC	7541	UGGGCAGA CUGAUGAG GCCGUUAGGC CGAA AACAUCCA	25917
	10278	UGGAUGUU U UCUGCCCA		GUGGGCAGA CUGAUGAG GCCGUUAGGC CGAA AACAUCCA	
753	10277		7542	<u> </u>	25918
754	10276		7543	CGUGGGCA CUGAUGAG GCCGUUAGGC CGAA AAAACAUC	25919
768	10262	ACGUGGCU C GGGCUCUU	7544	AAGAGCCC CUGAUGAG GCCGUUAGGC CGAA AGCCACGU	25920
774	10256	CUCGGGCU C UUGUGCCA	7545	UGGCACAA CUGAUGAG GCCGUUAGGC CGAA AGCCCGAG	25921
776	10254	CGGGCUCU U GUGCCAAU	7546	AUUGGCAC CUGAUGAG GCCGUUAGGC CGAA AGAGCCCG	25922
785	10245	GUGCCAAU C AGGCUGCC	7547	GGCAGCCU CUGAUGAG GCCGUUAGGC CGAA AUUGGCAC	25923
805	10225	CCAGAUGU C CUCUCGUU	7548	AACGAGAG CUGAUGAG GCCGUUAGGC CGAA ACAUCUGG	25924
808	10222	GAUGUCCU C UCGUUUUC	7549	GAAAACGA CUGAUGAG GCCGUUAGGC CGAA AGGACAUC	25925
810	10220	UGUCCUCU C GUUUUCCU	7550	AGGAAAAC CUGAUGAG GCCGUUAGGC CGAA AGAGGACA	25926
813	10217	CCUCUCGU U UUCCUGAA	7551	UUCAGGAA CUGAUGAG GCCGUUAGGC CGAA ACGAGAGG	25927
814	10216		7552	AUUCAGGA CUGAUGAG GCCGUUAGGC CGAA AACGAGAG	25928
815	10215	UCUCGUUU U CCUGAAUA	7553	UAUUCAGG CUGAUGAG GCCGUUAGGC CGAA AAACGAGA	25929

	<b>WO 02/0</b>	168637	Table	e VIII
816	10214	CUCGUUUU C CUGAAUAU	7554	AUAUUCAG CUGAUGAG GCCGUUAGGC CGAA AAAACGAG 25930
823	10207	UCCUGAAU A UGGGACGU	7555	ACGUCCCA CUGAUGAG GCCGUUAGGC CGAA AUUCAGGA 25931
	10198	UGGGACGU C ACUCCAUU	7556	AAUGGAGU CUGAUGAG GCCGUUAGGC CGAA ACGUCCCA 25932
832		ACGUCACU C CAUUUCUC	7557	GAGAAAUG CUGAUGAG GCCGUUAGGC CGAA AGUGACGU 25933
836	10194	CACUCCAU U UCUCCACU	7558	AGUGGAGA CUGAUGAG GCCGUUAGGC CGAA AUGGAGUG 25934
840			7559	CAGUGGAG CUGAUGAG GCCGUUAGGC CGAA AAUGGAGU 25935
841	10189	ACUCCAUU U CUCCACUG CUCCAUUU C UCCACUGG	7560	CCAGUGGA CUGAUGAG GCCGUUAGGC CGAA AAAUGGAG 25936
842	10188			CCCCAGUG CUGAUGAG GCCGUUAGGC CGAA AGAAAUGG 25937
844	10186	CCAUUUCU C CACUGGGG	7561	GAAGACAA CUGAUGAG GCCGUUAGGC CGAA ACCCCAGU 25938
854	10176	ACUGGGGU U UUGUCUUC	7562	GGAAGACA CUGAUGAG GCCGUUAGGC CGAA AACCCCAG 25939
855	10175	CUGGGGUU U UGUCUUCC	7563	UGGAAGAC CUGAUGAG GCCGUUAGGC CGAA AAACCCCA 25940
856	10174	UGGGGUUU U GUCUUCCA	7564	
859	10171	GGUUUUGU C UUCCAUCC	7565	GGAUGGAA CUGAUGAG GCCGUUAGGC CGAA ACAAAACC 25941 AUGGAUGG CUGAUGAG GCCGUUAGGC CGAA AGACAAAA 25942
861	10169	UUUUGUCU U CCAUCCAU	7566	
862	10168	UUUGUCUU C CAUCCAUU	7567	
866	10164	UCUUCCAU C CAUUCAUU	7568	AAUGAAUG CUGAUGAG GCCGUUAGGC CGAA AUGGAAGA 25944
870	10160	CCAUCCAU U CAUUCUCC	7569	GGAGAAUG CUGAUGAG GCCGUUAGGC CGAA AUGGAUGG 25945
871	10159	CAUCCAUU C AUUCUCCU	7570	AGGAGAAU CUGAUGAG GCCGUUAGGC CGAA AAUGGAUG 25946
874	10156	CCAUUCAU U CUCCUCUA	7571	UAGAGGAG CUGAUGAG GCCGUUAGGC CGAA AUGAAUGG 25947
875	10155	CAUUCAUU C UCCUCUAU	7572	AUAGAGGA CUGAUGAG GCCGUUAGGC CGAA AAUGAAUG 25948
877	10153	UUCAUUCU C CUCUAUCC	7573	GGAUAGAG CUGAUGAG GCCGUUAGGC CGAA AGAAUGAA 25949
880	10150	AUUCUCCU C UAUCCAAA	7574	UUUGGAUA CUGAUGAG GCCGUUAGGC CGAA AGGAGAAU 25950
882	10148	UCUCCUCU A UCCAAACA	7575	UGUUUGGA CUGAUGAG GCCGUUAGGC CGAA AGAGGAGA 25951
884	10146	UCCUCUAU C CAAACACG	7576	CGUGUUUG CUGAUGAG GCCGUUAGGC CGAA AUAGAGGA 25952
895	10135	AACACGGU U CCAGACCU	7577	AGGUCUGG CUGAUGAG GCCGUUAGGC CGAA ACCGUGUU 25953
896	10134	ACACGGUU C CAGACCUC	7578	GAGGUCUG CUGAUGAG GCCGUUAGGC CGAA AACCGUGU 25954
904	10126	CCAGACCU C CAACAUGU	7579	ACAUGUUG CUGAUGAG GCCGUUAGGC CGAA AGGUCUGG 25955
913	10117	CAACAUGU C CUCUGUUG	7580	CAACAGAG CUGAUGAG GCCGUUAGGC CGAA ACAUGUUG 25956
916	10114	CAUGUCCU C UGUUGUCA	7581	UGACAACA CUGAUGAG GCCGUUAGGC CGAA AGGACAUG 25957
920	10110	UCCUCUGU U GUCAUCCA	7582	UGGAUGAC CUGAUGAG GCCGUUAGGC CGAA ACAGAGGA 25958
923	10107	UCUGUUGU C AUCCACUC	7583	GAGUGGAU CUGAUGAG GCCGUUAGGC CGAA ACAACAGA 25959
926	10104	GUUGUCAU C CACUCUCC	7584	GGAGAGUG CUGAUGAG GCCGUUAGGC CGAA AUGACAAC 25960
931	10099	CAUCCACU C UCCUCCUG	7585	CAGGAGGA CUGAUGAG GCCGUUAGGC CGAA AGUGGAUG 25961
933	10097	UCCACUCU C CUCCUGCA	7586	UGCAGGAG CUGAUGAG GCCGUUAGGC CGAA AGAGUGGA 25962 CCAUGCAG CUGAUGAG GCCGUUAGGC CGAA AGGAGAGU 25963
936	10094	ACUCUCCU C CUGCAUGG	7587	
959	10071	CACGUGGU U CUUCCGGU	7588	ACCGGAAG CUGAUGAG GCCGUUAGGC CGAA ACCACGUG 25964
960	10070	ACGUGGUU C UUCCGGUA	7589	UACCGGAA CUGAUGAG GCCGUUAGGC CGAA AACCACGU 25965
962	10068	GUGGUUCU U CCGGUAGG	7590	CCUACCGG CUGAUGAG GCCGUUAGGC CGAA AGAACCAC 25966
963	10067	UGGUUCUU C CGGUAGGG	7591	CCCUACCG CUGAUGAG GCCGUUAGGC CGAA AAGAACCA 25967
968	10062	CUUCCGGU A GGGACCCA	7592	UGGGUCCC CUGAUGAG GCCGUUAGGC CGAA ACCGGAAG 25968
979	10051	GACCCAAU U CACAGGGA	7593	UCCCUGUG CUGAUGAG GCCGUUAGGC CGAA AUUGGGUC 25969
980	10050	ACCCAAUU C ACAGGGAC	7594	GUCCCUGU CUGAUGAG GCCGUUAGGC CGAA AAUUGGGU 25970
	10024		7595	UCAUGGCC CUGAUGAG GCCGUUAGGC CGAA ACGCCAUU 25971
	10006		7596	ACAGAAGA CUGAUGAG GCCGUUAGGC CGAA ACCUGCGG 25972 CCACAGAA CUGAUGAG GCCGUUAGGC CGAA AGACCUGC 25973
1026	10004		7597	
1028	10002	AGGUCUCU U CUGUGGAA	7598	UUCCACAG CUGAUGAG GCCGUUAGGC CGAA AGAGACCU 25974 CUUCCACA CUGAUGAG GCCGUUAGGC CGAA AAGAGACC 25975
1029	10001	GGUCUCUU C UGUGGAAG	7599	UGCUUCUG CUGAUGAG GCCGUUAGGC CGAA AACAGACC 25976
1039	9991	GUGGAAGU A CAGAAGCA	7600	UAUGCCCA CUGAUGAG GCCGUUAGGC CGAA ACUUCCAC 25978 UAUGCCCA CUGAUGAG GCCGUUAGGC CGAA AUGUGGCU 25977
1055	9975	AGCCACAU C UGGGCAUA	7601	CUAAGUCU CUGAUGAG GCCGUUAGGC CGAA AUGCCCAG 25978
1063	9967	CUGGGCAU A AGACUUAG	7602	GUCUGGCU CUGAUGAG GCCGUUAGGC CGAA AGUCUUAU 25979
1069	9961	AUAAGACU U AGCCAGAC	7603	
1070	9960	UAAGACUU A GCCAGACA	7604	
1087	9943	AGCAGUGU C GCGGACGU	7605	
1096	9934	GCGGACGU U CCAUCCGG	7606	CCGGAUGG CUGAUGAG GCCGUUAGGC CGAA ACGUCCGC 25982
1097	9933	CGGACGUU C CAUCCGGC	7607	GCCGGAUG CUGAUGAG GCCGUUAGGC CGAA AACGUCCG 25983
1101	9929	CGUUCCAU C CGGCCCCU	7608	AGGGGCCG CUGAUGAG GCCGUUAGGC CGAA AUGGGAACG 25984
1116	9914	CUGGAGAU A UGCGAGCU	7609	AGCUCGCA CUGAUGAG GCCGUUAGGC CGAA AUCUCCAG 25985
1125	9905	UGCGAGCU C UGCCUACC	7610	GGUAGGCA CUGAUGAG GCCGUUAGGC CGAA AGCUCGCA 25986
1131	9899	CUCUGCCU A CCAAUUCA	7611	UGAAUUGG CUGAUGAG GCCGUUAGGC CGAA AGGCAGAG 25987
1137	9893	CUACCAAU U CAUCCUGU	7612	ACAGGAUG CUGAUGAG GCCGUUAGGC CGAA AUUGGUAG 25988
1138	9892	UACCAAUU C AUCCUGUC	7613	GACAGGAU CUGAUGAG GCCGUUAGGC CGAA AAUUGGUA 25989
1141	9889	CAAUUCAU C CUGUCCUC	7614	GAGGACAG CUGAUGAG GCCGUUAGGC CGAA AUGAAUUG 25990
1146	9884	CAUCCUGU C CUCGGCAU	7615	AUGCCGAG CUGAUGAG GCCGUUAGGC CGAA ACAGGAUG 25991

Table	VIII

			Table	VIII	
1149	9881	CCUGUCCU C GGCAUGGA	7616	UCCAUGCC CUGAUGAG GCCGUUAGGC CGAA AGGACAGG	25992
1169	9861	ACCAGUGU U CUUCCAUC	7617	GAUGGAAG CUGAUGAG GCCGUUAGGC CGAA ACACUGGU	25993
1170	9860	CCAGUGUU C UUCCAUCU	7618	AGAUGGAA CUGAUGAG GCCGUUAGGC CGAA AACACUGG	25994
1172	9858	AGUGUUCU U CCAUCUUU	7619	AAAGAUGG CUGAUGAG GCCGUUAGGC CGAA AGAACACU	25995
1173	9857	GUGUUCUU C CAUCUUUC	7620	GAAAGAUG CUGAUGAG GCCGUUAGGC CGAA AAGAACAC	25996
1177	9853	UCUUCCAU C UUUCAUGA	7621	UCAUGAAA CUGAUGAG GCCGUUAGGC CGAA AUGGAAGA	25997
1179	9851	UUCCAUCU U UCAUGAUC	7622	GAUCAUGA CUGAUGAG GCCGUUAGGC CGAA AGAUGGAA	25998
1180	9850	UCCAUCUU U CAUGAUCA	7623	UGAUCAUG CUGAUGAG GCCGUUAGGC CGAA AAGAUGGA	25999
		CCAUCUUU C AUGAUCAA	7624	UUGAUCAU CUGAUGAG GCCGUUAGGC CGAA AAAGAUGG	26000
1181	9849		7625	ACUGAAUU CUGAUGAG GCCGUUAGGC CGAA AUCAUGAA	26001
1187	9843	UUCAUGAU C AAUUCAGU	7626	UUUCACUG CUGAUGAG GCCGUUAGGC CGAA AUUGAUCA	26002
1191	9839	UGAUCAAU U CAGUGAAA		AUJUCACU CUGAUGAG GCCGUUAGGC CGAA AAUUGAUC	26002
1192	9838	GAUCAAUU C AGUGAAAU	7627		
1204	9826	GAAAUGGU U UGAGCAAA	7628	UUUGCUCA CUGAUGAG GCCGUUAGGC CGAA ACCAUUUC	26004
1205	9825	AAAUGGUU U GAGCAAAA	7629	UUUUGCUC CUGAUGAG GCCGUUAGGC CGAA AACCAUUU	26005
1231	9799	CUGCCAAU C AUACCAUC	7630	GAUGGUAU CUGAUGAG GCCGUUAGGC CGAA AUUGGCAG	26006
1234	9796	CCAAUCAU A CCAUCCAG	7631	CUGGAUGG CUGAUGAG GCCGUUAGGC CGAA AUGAUUGG	26007
1239	9791	CAUACCAU C CAGUUGAC	7632	GUCAACUG CUGAUGAG GCCGUUAGGC CGAA AUGGUAUG	26008
1244	9786	CAUCCAGU U GACGGUUU	7633	AAACCGUC CUGAUGAG GCCGUUAGGC CGAA ACUGGAUG	26009
1251	9779	UUGACGGU U UCCACUCU	7634	AGAGUGGA CUGAUGAG GCCGUUAGGC CGAA ACCGUCAA	26010
1252	9778	UGACGGUU U CCACUCUU	7635	AAGAGUGG CUGAUGAG GCCGUUAGGC CGAA AACCGUCA	26011
1253	9777	GACGGUUU C CACUCUUG	7636	CAAGAGUG CUGAUGAG GCCGUUAGGC CGAA AAACCGUC	26012
1258	9772	UUUCCACU C UUGGAUGU	7637	ACAUCCAA CUGAUGAG GCCGUUAGGC CGAA AGUGGAAA	26013
1260	9770	UCCACUCU U GGAUGUCU	7638	AGACAUCC CUGAUGAG GCCGUUAGGC CGAA AGAGUGGA	26014
1267	9763	UUGGAUGU C UUUGCGAA	7639	UUCGCAAA CUGAUGAG GCCGUUAGGC CGAA ACAUCCAA	26015
1269	9761	GGAUGUCU U UGCGAACC	7640	GGUUCGCA CUGAUGAG GCCGUUAGGC CGAA AGACAUCC	26016
1270	9760	GAUGUCUU U GCGAACCU	7641	AGGUUCGC CUGAUGAG GCCGUUAGGC CGAA AAGACAUC	26017
1279	9751	GCGAACCU U UGACAUAG	7642	CUAUGUCA CUGAUGAG GCCGUUAGGC CGAA AGGUUCGC	26018
1280	9750	CGAACCUU U GACAUAGC	7643	GCUAUGUC CUGAUGAG GCCGUUAGGC CGAA AAGGUUCG	26019
1286	9744	UUUGACAU A GCAUUGAG	7644	CUCAAUGC CUGAUGAG GCCGUUAGGC CGAA AUGUCAAA	26020
1291	9739	CAUAGCAU U GAGGAAGU	7645	ACUUCCUC CUGAUGAG GCCGUUAGGC CGAA AUGCUAUG	26021
1321		AAAGCGAU C GUCCAGGG	7646	CCCUGGAC CUGAUGAG GCCGUUAGGC CGAA AUCGCUUU	26022
	9709 9706	GCGAUCGU C CAGGGGCU	7647	AGCCCCUG CUGAUGAG GCCGUUAGGC CGAA ACGAUCGC	26023
1324				GUGUGGUA CUGAUGAG GCCGUUAGGC CGAA AGCCCCUG	26024
1333	9697	CAGGGGCU U UACCACAC	7648	UGUGUGGU CUGAUGAG GCCGUUAGGC CGAA AAGCCCCU	26025
1334	9696	AGGGGCUU U ACCACACA	7649	<u></u>	26026
1335	9695	GGGGCUUU A CCACACAG	7650		<del></del>
1345	9685	CACACAGU C AUCUCCAC	7651	GUGGAGAU CUGAUGAG GCCGUUAGGC CGAA ACUGUGUG	26027
1348	9682	ACAGUCAU C UCCACUGA	7652	UCAGUGGA CUGAUGAG GCCGUUAGGC CGAA AUGACUGU	26028
1350	9680	AGUCAUCU C CACUGACA	7653	UGUCAGUG CUGAUGAG GCCGUUAGGC CGAA AGAUGACU	26029
1374	9656	GGCUGAGU C UUUCUUCC	7654	GGAAGAAA CUGAUGAG GCCGUUAGGC CGAA ACUCAGCC	26030
1376	9654	CUGAGUCU U UCUUCCCC	7655	GGGGAAGA CUGAUGAG GCCGUUAGGC CGAA AGACUCAG	26031
1377	9653	UGAGUCUU U CUUCCCCA	7656	UGGGGAAG CUGAUGAG GCCGUUAGGC CGAA AAGACUCA	26032
1378	9652	GAGUCUUU C UUCCCCAU	7657	AUGGGGAA CUGAUGAG GCCGUUAGGC CGAA AAAGACUC	26033
1380	9650	GUCUUUCU U CCCCAUUC	7658	GAAUGGGG CUGAUGAG GCCGUUAGGC CGAA AGAAAGAC	26034
1381	9649	UCUUUCUU C CCCAUUCU	7659	AGAAUGGG CUGAUGAG GCCGUUAGGC CGAA AAGAAAGA	26035
1387	9643	UUCCCCAU U CUCAAACA	7660	UGUUUGAG CUGAUGAG GCCGUUAGGC CGAA AUGGGGAA	26036
1388	9642	UCCCCAUU C UCAAACAG	7661	CUGUUUGA CUGAUGAG GCCGUUAGGC CGAA AAUGGGGA	26037
1390	9640	CCCAUUCU C AAACAGCC	7662	GGCUGUUU CUGAUGAG GCCGUUAGGC CGAA AGAAUGGG	26038
1403	9627	AGCCAGGU C CUGACUUU	7663	AAAGUCAG CUGAUGAG GCCGUUAGGC CGAA ACCUGGCU	26039
1410	9620	UCCUGACU U UGGGUCCU	7664	AGGACCCA CUGAUGAG GCCGUUAGGC CGAA AGUCAGGA	26040
1411	9619	CCUGACUU U GGGUCCUU	7665	AAGGACCC CUGAUGAG GCCGUUAGGC CGAA AAGUCAGG	26041
1416	9614	CUUUGGGU C CUUUCCCU	7666	AGGGAAAG CUGAUGAG GCCGUUAGGC CGAA ACCCAAAG	26042
1419	9611	UGGGUCCU U UCCCUUUU	7667	AAAAGGGA CUGAUGAG GCCGUUAGGC CGAA AGGACCCA	26043
1420	9610	GGGUCCUU U CCCUUUUG	7668	CAAAAGGG CUGAUGAG GCCGUUAGGC CGAA AAGGACCC	26044
1421	9609	GGUCCUUU C CCUUUUGU	7669	ACAAAAGG CUGAUGAG GCCGUUAGGC CGAA AAAGGACC	26045
1425	9605	CUUUCCCU U UUGUGAGU	7670	ACUCACAA CUGAUGAG GCCGUUAGGC CGAA AGGGAAAG	26046
1425	9604	UUUCCCUU U UGUGAGUU	7671	ACUCACA CUGAUGAG GCCGUUAGGC CGAA AAGGGAAA	26047
		UUCCCUUU U GUGAGUUU		AACUCACA CUGAUGAG GCCGUUAGGC CGAA AAAGGGAA	26047
1427	9603	<del></del>	7672		+
1434	9596	UUGUGAGU U UCUCCACA	7673	UGUGGAGA CUGAUGAG GCCGUUAGGC CGAA ACUCACAA	26049
1435	9595	UGUGAGUU U CUCCACAU	7674	AUGUGGAG CUGAUGAG GCCGUUAGGC CGAA AACUCACA	26050
1436	9594	GUGAGUUU C UCCACAUC	7675	GAUGUGGA CUGAUGAG GCCGUUAGGC CGAA AAACUCAC	26051
1438	9592	GAGUUUCU C CACAUCAU	7676	AUGAUGUG CUGAUGAG GCCGUUAGGC CGAA AGAAACUC	26052
1444	9586	CUCCACAU C AUCUGGGC	7677	GCCCAGAU CUGAUGAG GCCGUUAGGC CGAA AUGUGGAG	26053

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1447	9583	CACAUCAU C UGGGCCAA	7678	UUGGCCCA CUGAI	JGAG GCCGUUAGGC	CGAA AUGAUGUG	26054
1457	9573	GGGCCAAU C ACUCCUUC	7679	GAAGGAGU CUGA	UGAG GCCGUUAGGC	CGAA AUUGGCCC	26055
1461	9569	CAAUCACU C CUUCCCCU	7680	AGGGGAAG CUGA	UGAG GCCGUUAGGC	CGAA AGUGAUUG	26056
1464	9566	UCACUCCU U CCCCUUCC	7681	GGAAGGGG CUGA	UGAG GCCGUUAGGC	CGAA AGGAGUGA	26057
1465	9565	CACUCCUU C CCCUUCCA	7682	UGGAAGGG CUGA	UGAG GCCGUUAGGC	CGAA AAGGAGUG	26058
1470	9560	CUUCCCCU U CCAUCAUC	7683	GAUGAUGG CUGAI	UGAG GCCGUUAGGC	CGAA AGGGGAAG	26059
1471	9559	UUCCCCUU C CAUCAUCC	7684	GGAUGAUG CUGA	UGAG GCCGUUAGGC	CGAA AAGGGGAA	26060
1475	9555	CCUUCCAU C AUCCUCAC	7685	GUGAGGAU CUGA	UGAG GCCGUUAGGC	CGAA AUGGAAGG	26061
1478	9552	UCCAUCAU C CUCACCAG	7686	CUGGUGAG CUGAI	UGAG GCCGUUAGGC	CGAA AUGAUGGA	26062
1481	9549	AUCAUCCU C ACCAGCUG	7687		UGAG GCCGUUAGGC		26063
1501	9529	GGCCAGGU U GGUGAAAG	7688		UGAG GCCGUUAGGC		26064
1513	9517	GAAAGUGU U UAGGGCGU	7689		UGAG GCCGUUAGGC	<del></del>	26065
1514	9516	AAAGUGUU U AGGGCGUA	7690		UGAG GCCGUUAGGC		26066
1515	9515	AAGUGUUU A GGGCGUAG	7691		UGAG GCCGUUAGGC		26067
1522	9508	UAGGGCGU A GGUGACAA	7692		UGAG GCCGUUAGGC		26068
1533	9497	UGACAACU U GUCCACUC	7693		UGAG GCCGUUAGGC		26069
1536	9494	CAACUUGU C CACUCCCC	7694		UGAG GCCGUUAGGC	<del></del>	26070
1541	9489	UGUCCACU C CCCCUCUG	7695		UGAG GCCGUUAGGC	<del>-,</del>	26071
1547	9483	CUCCCCU C UGAUCUUC	7696		UGAG GCCGUUAGGC	<del></del>	26072
1552	9478	CCUCUGAU C UUCUCUGG	7697		UGAG GCCGUUAGGC		26073
1554	9476	UCUGAUCU U CUCUGGAG	7698			CGAA AGAUCAGA	26074
1555	9475	CUGAUCUU C UCUGGAGA	7699		UGAG GCCGUUAGGC	<del></del>	26075
1557	9473	GAUCUUCU C UGGAGAUA	7700		UGAG GCCGUUAGGC	<del> </del>	26076
1565	9465	CUGGAGAU A ACAUCCAU	7701		UGAG GCCGUUAGGC	<del></del>	26077
1570	9460	GAUAACAU C CAUGACGG	7702		UGAG GCCGUUAGGC		26078
1580	9450	AUGACGGU U CUUCCAUC	7703		UGAG GCCGUUAGGC		26079
1581	9449	UGACGGUU C UUCCAUCA	7704		UGAG GCCGUUAGGC	<del></del>	26080
1583	9447	ACGGUUCU U CCAUCAGC	7705		UGAG GCCGUUAGGC		26081
1584	9446	CGGUUCUU C CAUCAGCA	7706		UGAG GCCGUUAGGC		26082
1588	9442	UCUUCCAU C AGCAGCCG	7707		UGAG GCCGUUAGGC	<del></del>	26083
1604	9426	GGGCGCAU C ACUUUCAC	7708		UGAG GCCGUUAGGC	<del></del>	26084
1608	9422	GCAUCACU U UCACAACU	7709		UGAG GCCGUUAGGC		26085
1609	9421	CAUCACUU U CACAACUU	7710		UGAG GCCGUUAGGC		26086
1610	9420	AUCACUUU C ACAACUUU	7711		UGAG GCCGUUAGGC	•	26087
1617	9413	UCACAACU U UGUGACGA	7712	<u> </u>	UGAG GCCGUUAGGC	<del></del>	26088
1618	9412	CACAACUU U GUGACGAU	7713		UGAG GCCGUUAGGC		26089
1627	9403	GUGACGAU A GGUGAGCU	7714		UGAG GCCGUUAGGC		26090
1636	9394	GGUGAGCU C AAUGAUGG	7715		UGAG GCCGUUAGGC	<u> </u>	26091
1665	9365	GCCGAUGU U CCCCAUCA	7716		UGAG GCCGUUAGGC	<del>~</del>	26092
1666	9364	CCGAUGUU C CCCAUCAA	7717	<del></del>	UGAG GCCGUUAGGC	<del>`</del>	26093
1672	9358	UUCCCCAU C AAGCAGCU	7718		UGAG GCCGUUAGGC		26094
1681	9349	AAGCAGCU C AAGCACCU	7719		UGAG GCCGUUAGGC		26095
1690	9340	AAGCACCU U AGCUUCAU	7720			CGAA AGGUGCUU	26096
1691	9339	AGCACCUU A GCUUCAUU	7721	<del></del>		CGAA AAGGUGCU	26097
1695	9335	CCUUAGCU U CAUUUUCC	7722			CGAA AGCUAAGG	26098
1696	9334	CUUAGCUU C AUUUUCCA	7723	<del></del>		CGAA AAGCUAAG	26099
1699	9331	AGCUUCAU U UUCCAAGU	7724			CGAA AUGAAGCU	26100
1700	9330	GCUUCAUU U UCCAAGUC	7725	<del></del>		CGAA AAUGAAGC	26101
1701	9329	CUUCAUUU U CCAAGUCA	7726	<del></del>		CGAA AAAUGAAG	26102
1702	9328	UUCAUUUU C CAAGUCAG	7727	<del></del>		CGAA AAAAUGAA	26103
1708	9322	UUCCAAGU C AGCUCUCG	7728			CGAA ACUUGGAA	26104
1713	9317	AGUCAGCU C UCGUGAUG	7729			CGAA AGCUGACU	26105
1715	9315	UCAGCUCU C GUGAUGCG	7730			CGAA AGAGCUGA	26106
1729	9301	GCGGGUGU C CCAGCCAG	7731			CGAA ACACCCGC	26107
1744	9286	AGCUGUGU C AUCAGCAU	7732	<del></del>		CGAA ACACAGCU	26108
1747	9283	UGUGUCAU C AGCAUAGA	7733			CGAA AUGACACA	26109
1753	9277	AUCAGCAU A GAUCUUGC	7734			CGAA AUGCUGAU	26110
1757	9273	GCAUAGAU C UUGCCCCC	7735		UGAG GCCGUUAGGC		26111
1759	9271	AUAGAUCU U GCCCCCAG	7736	<del></del>	UGAG GCCGUUAGGC		26112
1782	9248	UGCCAACU U CACGCAGG	7737		UGAG GCCGUUAGGC		26113
1783	9247	GCCAACUU C ACGCAGGA	7738			CGAA AAGUUGGC	26114
1795	9235	CAGGAUGU A ACCCAGUU	7739		UGAG GCCGUUAGGC		26115
	لتتت		<u> </u>	-======================================			120113

	WO 02/06	8637					PCT/US01/	48350
				Tabl	e VIII			
:	9227	AACCCAGU	U UUUGGAGG	7740	CCUCCAAA	CUGAUGAG	GCCGUUAGGC CGAA	ACTIGGO

1803	9227	AACCCAGU U UUUGGAGG	7740	CCUCCAAA CUGAUGAG GCCGUUAGGC CGAA ACUGGGUU	00000
1804		ACCCAGUU U UUGGAGGC			26116
<del></del>	9226		7741	GCCUCCAA CUGAUGAG GCCGUUAGGC CGAA AACUGGGU	26117
1805	9225	CCCAGUUU U UGGAGGCC	7742	GGCCUCCA CUGAUGAG GCCGUUAGGC CGAA AAACUGGG	26118
1806	9224	CCAGUUUU U GGAGGCCC	7743	GGGCCUCC CUGAUGAG GCCGUUAGGC CGAA AAAACUGG	26119
1822	9208	CAAGCCCU C GACACCUC	7744	GAGGUGUC CUGAUGAG GCCGUUAGGC CGAA AGGGCUUG	26120
1830	9200	CGACACCU C CUCCUGAG	7745	CUCAGGAG CUGAUGAG GCCGUUAGGC CGAA AGGUGUCG	26121
1833	9197	CACCUCCU C CUGAGUUC	7746	GAACUCAG CUGAUGAG GCCGUUAGGC CGAA AGGAGGUG	26122
1840	9190	UCCUGAGU U CUUUCUUC	7747	GAAGAAAG CUGAUGAG GCCGUUAGGC CGAA ACUCAGGA	26123
1841	9189	CCUGAGUU C UUUCUUCC	7748	GGAAGAAA CUGAUGAG GCCGUUAGGC CGAA AACUCAGG	26124
1843	9187	UGAGUUCU U UCUUCCAA	7749	UUGGAAGA CUGAUGAG GCCGUUAGGC CGAA AGAACUCA	26125
1844	9186	GAGUUCUU U CUUCCAAG	7750	CUUGGAAG CUGAUGAG GCCGUUAGGC CGAA AAGAACUC	26126
1845	<del> </del>	AGUUCUUU C UUCCAAGC	7751		
	9185			GCUUGGAA CUGAUGAG GCCGUUAGGC CGAA AAAGAACU	26127
1847	9183	UUCUUUCU U CCAAGCCA	7752	UGGCUUGG CUGAUGAG GCCGUUAGGC CGAA AGAAAGAA	26128
1848	9182	UCUUUCUU C CAAGCCAG	7753	CUGGCUUG CUGAUGAG GCCGUUAGGC CGAA AAGAAAGA	26129
1861	9169	CCAGUGGU C UUCAUUGA	7754	UCAAUGAA CUGAUGAG GCCGUUAGGC CGAA ACCACUGG	26130
1863	9167	AGUGGUCU U CAUUGAGA	7755	UCUCAAUG CUGAUGAG GCCGUUAGGC CGAA AGACCACU	26131
1864	9166	GUGGUCUU C AUUGAGAA	7756	UUCUCAAU CUGAUGAG GCCGUUAGGC CGAA AAGACCAC	26132
1867	9163	GUCUUCAU U GAGAAAAC	7757	GUUUUCUC CUGAUGAG GCCGUUAGGC CGAA AUGAAGAC	26133
1885	9145	CAGAGCCU C GAACUCCA	7758	UGGAGUUC CUGAUGAG GCCGUUAGGC CGAA AGGCUCUG	26134
1891	9139	CUCGAACU C CAGAAAGC	7759	GCUUUCUG CUGAUGAG GCCGUUAGGC CGAA AGUUCGAG	26135
1905	9125	AGCGAGCU C CGAGCCAC	7760	GUGGCUCG CUGAUGAG GCCGUUAGGC CGAA AGCUCGCU	26136
1929	9101	AAAUGGCU C UGCUUCCC	7761	GGGAAGCA CUGAUGAG GCCGUUAGGC CGAA AGCCAUUU	26137
1934	9096	GCUCUGCU U CCCUUGGC	7762	GCCAAGGG CUGAUGAG GCCGUUAGGC CGAA AGCAGAGC	26138
1935	9095	CUCUGCUU C CCUUGGCC	7763	GGCCAAGG CUGAUGAG GCCGUUAGGC CGAA AGCAGAG	26139
1939	9091	GCUUCCCU U GGCCUUUC	7764	GAAAGGCC CUGAUGAG GCCGUUAGGC CGAA AGGGAAGC	
1945	9085	CUUGGCCU U UCCGAACU	7765	<del> </del>	26140
			<del></del> _	AGUUCGGA CUGAUGAG GCCGUUAGGC CGAA AGGCCAAG	26141
1946	9084	UUGGCCUU U CCGAACUC	7766	GAGUUCGG CUGAUGAG GCCGUUAGGC CGAA AAGGCCAA	26142
1947	9083	UGGCCUUU C CGAACUCU	7767	AGAGUUCG CUGAUGAG GCCGUUAGGC CGAA AAAGGCCA	26143
1954	9076	UCCGAACU C UCCGGGUU	7768	AACCCGGA CUGAUGAG GCCGUUAGGC CGAA AGUUCGGA	26144
1956	9074	CGAACUCU C CGGGUUUU	7769	AAAACCCG CUGAUGAG GCCGUUAGGC CGAA AGAGUUCG	26145
1962	9068	CUCCGGGU U UUUUCUCU	7770	AGAGAAAA CUGAUGAG GCCGUUAGGC CGAA ACCCGGAG	26146
1963	9067	ncceenn n nancacac	7771	GAGAGAAA CUGAUGAG GCCGUUAGGC CGAA AACCCGGA	26147
1964	9066	CCGGGUUU U UUCUCUCU	7772	AGAGAGAA CUGAUGAG GCCGUUAGGC CGAA AAACCCGG	26148
1965	9065	ceeennnn n nenenene	7773	GAGAGAGA CUGAUGAG GCCGUUAGGC CGAA AAAACCCG	26149
1966	9064	GGGUUUUU U CUCUCUCU	7774	AGAGAGAG CUGAUGAG GCCGUUAGGC CGAA AAAAACCC	26150
1967	9063	GGUUUUUU C UCUCUCUU	7775	AAGAGAGA CUGAUGAG GCCGUUAGGC CGAA AAAAAACC	26151
1969	9061	שטטטטטכט כ טכטכטטטכ	7776	GAAAGAGA CUGAUGAG GCCGUUAGGC CGAA AGAAAAAA	26152
1971	9059	UUUUCUCU C UCUUUCCC	7777	GGGAAAGA CUGAUGAG GCCGUUAGGC CGAA AGAGAAAA	26153
1973	9057	UUCUCUCU C UUUCCCAU	7778	AUGGGAAA CUGAUGAG GCCGUUAGGC CGAA AGAGAGAA	26154
1975	9055	CUCUCUCU U UCCCAUCA	7779	UGAUGGGA CUGAUGAG GCCGUUAGGC CGAA AGAGAGAG	26155
1976	9054	UCUCUCUU U CCCAUCAU	7780	AUGAUGGG CUGAUGAG GCCGUUAGGC CGAA AAGAGAGA	26156
1977	9053	CUCUCUUU C CCAUCAUG	7781	CAUGAUGG CUGAUGAG GCCGUUAGGC CGAA AAAGAGAG	26157
1982	9048	UUUCCCAU C AUGUUGUA	7782	UACAACAU CUGAUGAG GCCGUUAGGC CGAA AUGGGAAA	26158
1987	9043	CAUCAUGU U GUAAAUGC	7783	GCAUUUAC CUGAUGAG GCCGUUAGGC CGAA ACAUGAUG	
1990	9040	CAUGUUGU A AAUGCAAG	7784		26159
<u> </u>	9023			CUUGCAUU CUGAUGAG GCCGUUAGGC CGAA ACAACAUG	26160
2007		UGUGACAU U CCCCCGC	7785	GCGGGGG CUGAUGAG GCCGUUAGGC CGAA AUGUCACA	26161
2008	9022	GUGACAUU C CCCCCGCA	7786	UGCGGGGG CUGAUGAG GCCGUUAGGC CGAA AAUGUCAC	26162
2026	9004	AUGUGCCU C GCGCUCCU	7787	AGGAGCGC CUGAUGAG GCCGUUAGGC CGAA AGGCACAU	26163
2032	8998	CUCGCGCU C CUCAUCCA	7788	UGGAUGAG CUGAUGAG GCCGUUAGGC CGAA AGCGCGAG	26164
2035	8995	GCGCUCCU C AUCCACCA	7789	UGGUGGAU CUGAUGAG GCCGUUAGGC CGAA AGGAGCGC	26165
2038	8992	CUCCUCAU C CACCAUCU	7790	AGAUGGUG CUGAUGAG GCCGUUAGGC CGAA AUGAGGAG	26166
2045	8985	UCCACCAU C UCCCAAAA	7791	UUUUGGGA CUGAUGAG GCCGUUAGGC CGAA AUGGUGGA	26167
2047	8983	CACCAUCU C CCAAAAUU	7792	AAUUUUGG CUGAUGAG GCCGUUAGGC CGAA AGAUGGUG	26168
2055	8975	CCCAAAAU U UUGGAUCU	7793	AGAUCCAA CUGAUGAG GCCGUUAGGC CGAA AUUUUGGG	26169
2056	8974	CCAAAAUU U UGGAUCUU	7794	AAGAUCCA CUGAUGAG GCCGUUAGGC CGAA AAUUUUGG	26170
2057	8973	CAAAAUUU U GGAUCUUC	7795	GAAGAUCC CUGAUGAG GCCGUUAGGC CGAA AAAUUUUG	26171
2062	8968	UUUUGGAU C UUCAACUG	7796	CAGUUGAA CUGAUGAG GCCGUUAGGC CGAA AUCCAAAA	26172
2064	8966	UUGGAUCU U CAACUGCU	7797	AGCAGUUG CUGAUGAG GCCGUUAGGC CGAA AGAUCCAA	
2065	8965	UGGAUCUU C AACUGCUU	7798		26173
2073	8957	CAACUGCU U CUCUGGCG		AAGCAGUU CUGAUGAG GCCGUUAGGC CGAA AAGAUCCA	26174
2073	8956	AACUGCUU C UCUGGCGC	7799	CGCCAGAG CUGAUGAG GCCGUUAGGC CGAA AGCAGUUG	26175
	8954	CUGCUUCU C UGGCGCUC	7800	GCGCCAGA CUGAUGAG GCCGUUAGGC CGAA AAGCAGUU	26176
2076	0734	SSSCOCO C DGGCGCDC	7801	GAGCGCCA CUGAUGAG GCCGUUAGGC CGAA AGAAGCAG	26177

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2084	8946	CUGGCGCU C CUCCAUUG	7802	CAAUGGAG CUGAUGAG GCCGUUAGGC CGAA AGCGCCAG 2	26178
2087	8943	GCGCUCCU C CAUUGAUU	7803	AAUCAAUG CUGAUGAG GCCGUUAGGC CGAA AGGAGCGC 2	26179
2091	8939	UCCUCCAU U GAUUCUGC	7804	GCAGAAUC CUGAUGAG GCCGUUAGGC CGAA AUGGAGGA 2	26180
2095	8935	CCAUUGAU U CUGCUCUU	7805	AAGAGCAG CUGAUGAG GCCGUUAGGC CGAA AUCAAUGG 2	26181
2096	8934	CAUUGAUU C UGCUCUUC	7806	GAAGAGCA CUGAUGAG GCCGUUAGGC CGAA AAUCAAUG 2	26182
2101	8929	AUUCUGCU C UUCAAACA	7807	UGUUUGAA CUGAUGAG GCCGUUAGGC CGAA AGCAGAAU 2	26183
2103	8927	UCUGCUCU U CAAACAUG	7808		26184
2104	8926	CUGCUCUU C AAACAUGG	7809		26185
		AGCUGCAU U GCUGUUGA	7810		26186
2128	8902	AUUGCUGU U GACCUUUC	7811		26187
2134	8896		7812		26188
2140	8890	GUUGACCU U UCUUAUGA			26189
2141	8889	UUGACCUU U CUUAUGAA	7813		26190
2142	8888	UGACCUUU C UUAUGAAU	7814		
2144	8886	ACCUUUCU U AUGAAUUC	7815		26191
2145	8885	CCUUUCUU A UGAAUUCC	7816		26192
2151	8879	UUAUGAAU U CCUCUCGA	7817		26193
2152	8878	UAUGAAUU C CUCUCGAG	7818		26194
2155	8875	GAAUUCCU C UCGAGAGC	7819		26195
2157	8873	AUUCCUCU C GAGAGCAC	7820		26196
2168	8862	GAGCACAU U CUGGGACG	7821		26197
2169	8861	AGCACAUU C UGGGACGU	7822		26198
2178	8852	UGGGACGU U UUUCUCUG	7823	CAGAGAAA CUGAUGAG GCCGUUAGGC CGAA ACGUCCCA	26199
2179	8851	GGGACGUU U UUCUCUGG	7824	CCAGAGAA CUGAUGAG GCCGUUAGGC CGAA AACGUCCC	26200
2180	8850	GGACGUUU U UCUCUGGC	7825	GCCAGAGA CUGAUGAG GCCGUUAGGC CGAA AAACGUCC	26201
2181	8849	GACGUUUU U CUCUGGCC	7826	GGCCAGAG CUGAUGAG GCCGUUAGGC CGAA AAAACGUC	26202
2182	8848	ACGUUUUU C UCUGGCCA	7827	UGGCCAGA CUGAUGAG GCCGUUAGGC CGAA AAAAACGU	26203
2184	8846	GUUUUUCU C UGGCCAAA	7828	UUUGGCCA CUGAUGAG GCCGUUAGGC CGAA AGAAAAAC	26204
2209	8821	CAACCAGU U GGUGGUCU	7829	AGACCACC CUGAUGAG GCCGUUAGGC CGAA ACUGGUUG	26205
2216	8814	UUGGUGGU C UCAUUGAG	7830	CUCAAUGA CUGAUGAG GCCGUUAGGC CGAA ACCACCAA	26206
2218	8812	GGUGGUCU C AUUGAGCA	7831	UGCUCAAU CUGAUGAG GCCGUUAGGC CGAA AGACCACC	26207
2221	8809	GGUCUCAU U GAGCACGU	7832		26208
2230	8800	GAGCACGU A CUUCACUC	7833		26209
2233	8797	CACGUACU U CACUCCUU	7834		26210
2234	8796.	ACGUACUU C ACUCCUUC	7835	<u> </u>	26211
2234	8792	ACUUCACU C CUUCUGGC	7836		26212
		UCACUCCU U CUGGCGGU	7837		26213
2241	8789				26214
2242	8788	CACUCCUU C UGGCGGUU	7838	<u> </u>	26215
2250	8780	CUGGCGGU U CAGGAGCU	7839		26216
2251	8779	UGGCGGUU C AGGAGCUU	7840		
2259	8771	CAGGAGCU U UCGUGUCC	7841		26217
2260	8770	AGGAGCUU U CGUGUCCA	7842		26218
2261	8769	GGAGCUUU C GUGUCCAC	7843		26219
2266	8764	UUUCGUGU C CACCUUCU	7844		26220
2272	8758	GUCCACCU U CUCUUUGA	7845		26221
2273		UCCACCUU C UCUUUGAA	7846	<u> </u>	26222
2275	8755	CACCUUCU C UUUGAACA	7847		26223
2277	8753	CCUUCUCU U UGAACACU	7848		26224
2278	8752	CUUCUCUU U GAACACUC	7849		26225
2286	8744	UGAACACU C GCUGCUGC	7850		26226
2306	8724	AAGGGAGU A GUGUCAGU	7851		26227
2311	8719	AGUAGUGU C AGUCAUGG	7852	CCAUGACU CUGAUGAG GCCGUUAGGC CGAA ACACUACU	26228
2315	8715	GUGUCAGU C AUGGCCAU	7853	AUGGCCAU CUGAUGAG GCCGUUAGGC CGAA ACUGACAC	26229
2330	8700	AUGGUGGU A ACAUUCGU	7854	ACGAAUGU CUGAUGAG GCCGUUAGGC CGAA ACCACCAU	26230
2335	8695	GGUAACAU U CGUGAUGG	7855	CCAUCACG CUGAUGAG GCCGUUAGGC CGAA AUGUUACC	26231
2336	8694	GUAACAUU C GUGAUGGU	7856	ACCAUCAC CUGAUGAG GCCGUUAGGC CGAA AAUGUUAC	26232
2347		GAUGGUGU C CCAUGGUU	7857	<u> </u>	26233
2355	8675	CCCAUGGU U UUGAGAGG	7858	<u> </u>	26234
2356	8674	CCAUGGUU U UGAGAGGA	7859		26235
2357		CAUGGUUU U GAGAGGAG	7860		26236
2376	8654	UGACCACU C CAUUGACC	7861	<del></del>	26237
2380	8650	CACUCCAU U GACCAGCG	7862	<u> </u>	26238
2410	8620	UGUGGGCU U CACAUCAU	7863		26239
2410	1 5520	- JOUGGGCO O CACAUCAU	1,003	TOURS TOUR OUT OF THE PROPERTY	2023

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	Table V
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2411	8619	GUGGGCUU C ACAUCAUA	7864	UAUGAUGU CUGAUGAG GCCGUUAGGC CGAA AAGCCCAC 2624	40
2416	8614	CUUCACAU C AUAACUGC	7865	GCAGUUAU CUGAUGAG GCCGUUAGGC CGAA AUGUGAAG 262	41
2419	8611	CACAUCAU A ACUGCCGU	7866	ACGGCAGU CUGAUGAG GCCGUUAGGC CGAA AUGAUGUG 262	42
2431	8599	GCCGUGAU A GUUCCAGG	7867	CCUGGAAC CUGAUGAG GCCGUUAGGC CGAA AUCACGGC 262	43
2434	8596	GUGAUAGU U CCAGGUUC	7868	GAACCUGG CUGAUGAG GCCGUUAGGC CGAA ACUAUCAC 262	44
2435	8595	UGAUAGUU C CAGGUUCU	7869	AGAACCUG CUGAUGAG GCCGUUAGGC CGAA AACUAUCA 262	45
2441	8589	UUCCAGGU U CUAUAUGG	7870	CCAUAUAG CUGAUGAG GCCGUUAGGC CGAA ACCUGGAA 262	46
2442	8588	UCCAGGUU C UAUAUGGG	7871	CCCAUAUA CUGAUGAG GCCGUUAGGC CGAA AACCUGGA 262	47
2444	8586	CAGGUUCU A UAUGGGUG	7872	CACCCAUA CUGAUGAG GCCGUUAGGC CGAA AGAACCUG 262	
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2446			7874	<u> </u>	_
2455	8575	UGGGUGGU U CUCAUCGU			
2456	8574	GGGUGGUU C UCAUCGUG	7875	CACGAUGA CUGAUGAG GCCGUUAGGC CGAA AACCACCC 262	
2458	8572	GUGGUUCU C AUCGUGGU	7876	ACCACGAU CUGAUGAG GCCGUUAGGC CGAA AGAACCAC 262	
2461	8569	GUUCUCAU C GUGGUGCC	7877	GGCACCAC CUGAUGAG GCCGUUAGGC CGAA AUGAGAAC 262	
2474	8556	UGCCACGU C GAACUGUA	7878	UACAGUUC CUGAUGAG GCCGUUAGGC CGAA ACGUGGCA 262	54
2482	8548	CGAACUGU A CUCACGCC	7879	GGCGUGAG CUGAUGAG GCCGUUAGGC CGAA ACAGUUCG 262	:55
2485	8545	ACUGUACU C ACGCCUGA	7880	UCAGGCGU CUGAUGAG GCCGUUAGGC CGAA AGUACAGU 262	.56
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2499	8531	UGAGUCGU U CAAUCCUG	7882	CAGGAUUG CUGAUGAG GCCGUUAGGC CGAA ACGACUCA 262	58
2500	8530	GAGUCGUU C AAUCCUGU	7883	ACAGGAUU CUGAUGAG GCCGUUAGGC CGAA AACGACUC 262	:59
2504	8526	CGUUCAAU C CUGUUCUU	7884	AAGAACAG CUGAUGAG GCCGUUAGGC CGAA AUUGAACG 262	60
2509	8521	AAUCCUGU U CUUGAUUU	7885	AAAUCAAG CUGAUGAG GCCGUUAGGC CGAA ACAGGAUU 262	
2510	8520	AUCCUGUU C UUGAUUUU	7886	AAAAUCAA CUGAUGAG GCCGUUAGGC CGAA AACAGGAU 262	
2512	8518	CCUGUUCU U GAUUUUAC	7887	GUAAAAUC CUGAUGAG GCCGUUAGGC CGAA AGAACAGG 262	
2516	8514	UUCUUGAU U UUACUGGU	7888	ACCAGUAA CUGAUGAG GCCGUUAGGC CGAA AUCAAGAA 262	
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	8513	UCUUGAUU U UACUGGUG	7889		
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2519	8511	UUGAUUUU A CUGGUGUC	7891	GACACCAG CUGAUGAG GCCGUUAGGC CGAA AAAAUCAA 262	
2527	8503	ACUGGUGU C UGAGUUGA	7892	UCAACUCA CUGAUGAG GCCGUUAGGC CGAA ACACCAGU 262	
2533	8497	GUCUGAGU U GAGCAGGG	7893	CCCUGCUC CUGAUGAG GCCGUUAGGC CGAA ACUCAGAC 262	
2544	8486	GCAGGGGU U UUCCCACC	7894	GGUGGGAA CUGAUGAG GCCGUUAGGC CGAA ACCCCUGC 262	.70
2545	8485	CAGGGGUU U UCCCACCG	7895	CGGUGGGA CUGAUGAG GCCGUUAGGC CGAA AACCCCUG 262	271
2546	8484	AGGGGUUU U CCCACCGC	7896	GCGGUGGG CUGAUGAG GCCGUUAGGC CGAA AAACCCCU 262	172
2547	8483	GGGGUUUU C CCACCGCC	7897	GGCGGUGG CUGAUGAG GCCGUUAGGC CGAA AAAACCCC 262	273
2561	8469	GCCCUGGU U CCACUUCC	7898	GGAAGUGG CUGAUGAG GCCGUUAGGC CGAA ACCAGGGC 262	74
2562	8468	CCCUGGUU C CACUUCCC	7899	GGGAAGUG CUGAUGAG GCCGUUAGGC CGAA AACCAGGG 262	75
2567	8463	GUUCCACU U CCCAAGUU	7900	AACUUGGG CUGAUGAG GCCGUUAGGC CGAA AGUGGAAC 262	76
2568	8462	UUCCACUU C CCAAGUUU	7901	AAACUUGG CUGAUGAG GCCGUUAGGC CGAA AAGUGGAA 262	277
2575	8455	UCCCAAGU U UACAUCUU	7902	AAGAUGUA CUGAUGAG GCCGUUAGGC CGAA ACUUGGGA 262	278
2576	8454	CCCAAGUU U ACAUCUUC	7903	GAAGAUGU CUGAUGAG GCCGUUAGGC CGAA AACUUGGG 262	79
2577	8453	CCAAGUUU A CAUCUUCC	7904	GGAAGAUG CUGAUGAG GCCGUUAGGC CGAA AAACUUGG 262	
2581	8449	GUUUACAU C UUCCUCGU	7905	ACGAGGAA CUGAUGAG GCCGUUAGGC CGAA AUGUAAAC 262	
2583	8447	UUACAUCU U CCUCGUAU	7906	AUACGAGG CUGAUGAG GCCGUUAGGC CGAA AGAUGUAA 262	
2584	8446	UACAUCUU C CUCGUAUU	7907	AAUACGAG CUGAUGAG GCCGUUAGGC CGAA AAGAUGUA 262	
2587	8443	AUCUUCCU C GUAUUGGG	7908		
2590	8440	UUCCUCGU A UUGGGGUC			$\overline{}$
		<del></del>	7909	GACCCCAA CUGAUGAG GCCGUUAGGC CGAA ACGAGGAA 262	
2592	8438	CCUCGUAU U GGGGUCCC	7910	GGGACCCC CUGAUGAG GCCGUUAGGC CGAA AUACGAGG 262	
2598	8432	AUUGGGGU C CCUUCCAG	7911	CUGGAAGG CUGAUGAG GCCGUUAGGC CGAA ACCCCAAU 262	
2602	8428	GGGUCCCU U CCAGGUCC	7912	GGACCUGG CUGAUGAG GCCGUUAGGC CGAA AGGGACCC 262	
2603	8427	GGUCCCUU C CAGGUCCU	7913	AGGACCUG CUGAUGAG GCCGUUAGGC CGAA AAGGGACC 262	
2609	8421	UUCCAGGU C CUUUUUUC	7914	GAAAAAG CUGAUGAG GCCGUUAGGC CGAA ACCUGGAA 262	
2612	8418	CAGGUCCU U UUUUCCAU	7915	AUGGAAAA CUGAUGAG GCCGUUAGGC CGAA AGGACCUG 262	91
2613	8417	AGGUCCUU U UUUCCAUU	7916	AAUGGAAA CUGAUGAG GCCGUUAGGC CGAA AAGGACCU 262	192
2614	8416	GGUCCUUU U UUCCAUUC	7917	GAAUGGAA CUGAUGAG GCCGUUAGGC CGAA AAAGGACC 262	193
2615	8415	GUCCUUUU U UCCAUUCU	7918	AGAAUGGA CUGAUGAG GCCGUUAGGC CGAA AAAAGGAC 262	94
2616	8414	UCCUUUUU U CCAUUCUU	7919	AAGAAUGG CUGAUGAG GCCGUUAGGC CGAA AAAAAGGA 262	295
2617	8413	CCUUUUUU C CAUUCUUC	7920	GAAGAAUG CUGAUGAG GCCGUUAGGC CGAA AAAAAAGG 262	
2621	8409	UUUUCCAU U CUUCCUAG	7921	CUAGGAAG CUGAUGAG GCCGUUAGGC CGAA AUGGAAAA 262	$\overline{}$
2622	8408	UUUCCAUU C UUCCUAGG	7922	CCUAGGAA CUGAUGAG GCCGUUAGGC CGAA AAUGGAAA 262	
<u></u>	8406	UCCAUUCU U CCUAGGAG	7923	CUCCUAGG CUGAUGAG GCCGUUAGGC CGAA AGAAUGGA 262	
1 2624			1,523	202	. , ,
2624		CCAUTICUIT C CITAGGAGC	7924	GCHCCHAG CHGAHGAG GCCGHHAGGC CGAA AAGAAHGG	700
2624 2625 2628	8405 8402	CCAUUCUU C CUAGGAGC UUCUUCCU A GGAGCACC	7924 7925	GCUCCUAG CUGAUGAG GCCGUUAGGC CGAA AAGAAUGG 263 GGUGCUCC CUGAUGAG GCCGUUAGGC CGAA AGGAAGAA 263	

	W O 021	/00803 /	Tabl	e VIII	
2645	8385	UGGCUGGU C AUAUUCAC	7926	GUGAAUAU CUGAUGAG GCCGUUAGGC CGAA ACCAGCCA	26302
2648	8382	CUGGUCAU A UUCACUGA	7927	UCAGUGAA CUGAUGAG GCCGUUAGGC CGAA AUGACCAG	26303
2650	8380	GGUCAUAU U CACUGAAU	7928	AUUCAGUG CUGAUGAG GCCGUUAGGC CGAA AUAUGACC	26304
2651	8379	GUCAUAUU C ACUGAAUG	7929	CAUUCAGU CUGAUGAG GCCGUUAGGC CGAA AAUAUGAC	26305
2661	8369	CUGAAUGU A CCACAUUG	7930	CAAUGUGG CUGAUGAG GCCGUUAGGC CGAA ACAUUCAG	26306
		UACCACAU U GCCUGAAG	7931	CUUCAGGC CUGAUGAG GCCGUUAGGC CGAA AUGUGGUA	26307
2668	8362	CUGAAGCU C GACUCACC	7932	GGUGAGUC CUGAUGAG GCCGUUAGGC CGAA AGCUUCAG	26308
2679	8351				
2684	8346	GCUCGACU C ACCCAAUA	7933	UAUUGGGU CUGAUGAG GCCGUUAGGC CGAA AGUCGAGC	26309
2692	8338	CACCCAAU A CAUCUCGU	7934	ACGAGAUG CUGAUGAG GCCGUUAGGC CGAA AUUGGGUG	26310
2696	8334	CAAUACAU C UCGUGCGU	7935	ACGCACGA CUGAUGAG GCCGUUAGGC CGAA AUGUAUUG	26311
2698	8332	AUACAUCU C GUGCGUGG	7936	CCACGCAC CUGAUGAG GCCGUUAGGC CGAA AGAUGUAU	26312
2710	8320	CGUGGAAU U CCGUGAGA	7937	UCUCACGG CUGAUGAG GCCGUUAGGC CGAA AUUCCACG	26313
2711	8319	GUGGAAUU C CGUGAGAG	7938	CUCUCACG CUGAUGAG GCCGUUAGGC CGAA AAUUCCAC	26314
2725	8305	GAGUGGGU U UCUGACCA	7939	UGGUCAGA CUGAUGAG GCCGUUAGGC CGAA ACCCACUC	26315
2726	8304	AGUGGGUU U CUGACCAG	7940	CUGGUCAG CUGAUGAG GCCGUUAGGC CGAA AACCCACU	26316
2727	8303	GUGGGUUU C UGACCAGU	7941	ACUGGUCA CUGAUGAG GCCGUUAGGC CGAA AAACCCAC	26317
2736	8294	UGACCAGU C CCCCCCCA	7942	UGGGGGG CUGAUGAG GCCGUUAGGC CGAA ACUGGUCA	26318
2746	8284	CCCCCAU A CCGGCGUU	7943	AACGCCGG CUGAUGAG GCCGUUAGGC CGAA AUGGGGGG	26319
2754	8276	ACCGGCGU U GGAGCAGC	7944	GCUGCUCC CUGAUGAG GCCGUUAGGC CGAA ACGCCGGU	26320
2764	8266	GAGCAGCU C CAUCUUCU	7945	AGAAGAUG CUGAUGAG GCCGUUAGGC CGAA AGCUGCUC	26321
2768	8262	AGCUCCAU C UUCUCUAU	7946	AUAGAGAA CUGAUGAG GCCGUUAGGC CGAA AUGGAGCU	26322
2770	8260	CUCCAUCU U CUCUAUGA	7947	UCAUAGAG CUGAUGAG GCCGUUAGGC CGAA AGAUGGAG	26323
2771	8259	UCCAUCUU C UCUAUGAC	7948	GUCAUAGA CUGAUGAG GCCGUUAGGC CGAA AAGAUGGA	26324
2773	8257	CAUCUUCU C UAUGACUU	7949	AAGUCAUA CUGAUGAG GCCGUUAGGC CGAA AGAAGAUG	26325
2775	8255	UCUUCUCU A UGACUUUC	7950	GAAAGUCA CUGAUGAG GCCGUUAGGC CGAA AGAGAAGA	26326
2781	8249	CUAUGACU U UCGGCAUG	7951	CAUGCCGA CUGAUGAG GCCGUUAGGC CGAA AGUCAUAG	26327
2782	8248	UAUGACUU U CGGCAUGU	7952	ACAUGCCG CUGAUGAG GCCGUUAGGC CGAA AAGUCAUA	26328
2783	8247	AUGACUUU C GGCAUGUA	7953	UACAUGCC CUGAUGAG GCCGUUAGGC CGAA AAAGUCAU	26329
2791	8239	CGGCAUGU A GGGGCAGA	7954	UCUGCCC CUGAUGAG GCCGUUAGGC CGAA ACAUGCCG	26330
2806	8224	GAGCACCU U CACGCAAA	7955	UUUGCGUG CUGAUGAG GCCGUUAGGC CGAA AGGUGCUC	26331
2807	8223	AGCACCUU C ACGCAAAA	7956	UUUUGCGU CUGAUGAG GCCGUUAGGC CGAA AAGGUGCU	26332
2817	8213	CGCAAAAU U CCCUUGGC	7957	GCCAAGGG CUGAUGAG GCCGUUAGGC CGAA AUUUUGCG	26333
2818	8212	GCAAAAUU C CCUUGGCC	7958	GGCCAAGG CUGAUGAG GCCGUUAGGC CGAA AAUUUUGC	26334
2822	8208	AAUUCCCU U GGCCCUCG	7959	CGAGGGCC CUGAUGAG GCCGUUAGGC CGAA AGGGAAUU	26335
2829	8201	UUGGCCCU C GGUGCAGC	7960	GCUGCACC CUGAUGAG GCCGUUAGGC CGAA AGGGCCAA	26336
2842	8188	CAGCCAGU C CUCAACCA	7961	UGGUUGAG CUGAUGAG GCCGUUAGGC CGAA ACUGGCUG	26337
2845	8185	CCAGUCCU C AACCAUUU	7962	AAAUGGUU CUGAUGAG GCCGUUAGGC CGAA AGGACUGG	26338
2852	8178	UCAACCAU U UCAAGGAC	7963	GUCCUUGA CUGAUGAG GCCGUUAGGC CGAA AUGGUUGA	26339
2853	8177	CAACCAUU U CAAGGACC	7964	GGUCCUUG CUGAUGAG GCCGUUAGGC CGAA AAUGGUUG	26340
2854	8176	AACCAUUU C AAGGACCC	7965	GGGUCCUU CUGAUGAG GCCGUUAGGC CGAA AAAUGGUU	26341
2867	8163	ACCGAAU C GUCCUAUG	7966	CAUAGGAC CUGAUGAG GCCGUUAGGC CGAA AUUCGGGU	26342
2870	8160	CGAAUCGU C CUAUGCUC	7967	GAGCAUAG CUGAUGAG GCCGUUAGGC CGAA ACGAUUCG	26343
2873	8157	AUCGUCCU A UGCUCUUC	7968	GAAGAGCA CUGAUGAG GCCGUUAGGC CGAA AGGACGAU	26344
2878	8152	CCUAUGCU C UUCAACCU	7969	AGGUUGAA CUGAUGAG GCCGUUAGGC CGAA AGCAUAGG	26345
2880	8150	UAUGCUCU U CAACCUCA	7970	UGAGGUUG CUGAUGAG GCCGUUAGGC CGAA AGAGCAUA	26346
2881	8149	AUGCUCUU C AACCUCAG	7971	CUGAGGUU CUGAUGAG GCCGUUAGGC CGAA AAGAGCAU	26347
2887	8143	UUCAACCU C AGCACUUG	7972	CAAGUGCU CUGAUGAG GCCGUUAGGC CGAA AGGUUGAA	26348
2894	8136	UCAGCACU U GACGAGGA	7973	UCCUCGUC CUGAUGAG GCCGUUAGGC CGAA AGGUGCUGA	26349
2905	8125	CGAGGACU C UCCGAUGU	7974	ACAUCGGA CUGAUGAG GCCGUUAGGC CGAA AGUCCUCG	
2907	8123	AGGACUCU C CGAUGUCA	7974	UGACAUCG CUGAUGAG GCCGUUAGGC CGAA AGAGUCCU	26350
2914	8116	UCCGAUGU C ACAAAGGA	7976	<del></del>	26351
2929	8101	GAGGGUGU C ACAACACU		UCCUUUGU CUGAUGAG GCCGUUAGGC CGAA ACAUCGGA AGUGUUGU CUGAUGAG GCCGUUAGGC CGAA ACACCCUC	26352
2938	8092	ACAACACU C AGAAGGUC	7977 7978		26353
				GACCUUCU CUGAUGAG GCCGUUAGGC CGAA AGUGUUGU	26354
2946	8084	CAGAAGGU C UGUAGAAC	7979	GUUCUACA CUGAUGAG GCCGUUAGGC CGAA ACCUUCUG	26355
2950	8080	AGGUCUGU A GAACACAU	7980	AUGUGUUC CUGAUGAG GCCGUUAGGC CGAA ACAGACCU	26356
2959	8071	GAACACAU C CACUCCAC	7981	GUGGAGUG CUGAUGAG GCCGUUAGGC CGAA AUGUGUUC	26357
2964	8066	CAUCCACU C CACUCUUC	7982	GAAGAGUG CUGAUGAG GCCGUUAGGC CGAA AGUGGAUG	26358
2969	8061	ACUCCACU C UUCAUGGU	7983	ACCAUGAA CUGAUGAG GCCGUUAGGC CGAA AGUGGAGU	26359
2971	8059	UCCACUCU U CAUGGUGA	7984	UCACCAUG CUGAUGAG GCCGUUAGGC CGAA AGAGUGGA	26360
2972	8058	CCACUCUU C AUGGUGAC	7985	GUCACCAU CUGAUGAG GCCGUUAGGC CGAA AAGAGUGG	26361
2986	8044	GACAAUGU U CCAUCCAU	7986	AUGGAUGG CUGAUGAG GCCGUUAGGC CGAA ACAUUGUC	26362
2987	8043	ACAAUGUU C CAUCCAUA	7987	UAUGGAUG CUGAUGAG GCCGUUAGGC CGAA AACAUUGU	26363

1995		WO 02/0	100037	Tabl	le VIII	
2595   2631   COMINGOT U USCACINAS   7991   COMUNICA COMINAGE   COMINAGE COM ANDIANO   26367   26300   26374   26300   2634   26300   2634   26300   2634   26300   2634   26300   2634   26300   2634   26300   2634   26300   2634   26300   2634   26300   2634   26300   2634   26300   2634   26300   2634   26300   2634   26300   2634   26300   2634   26300   2634   26300   2634   26300   2634   26300   2634   26300   2634   26300   2634   26300   2634   26300   2634   26300   2634   26300   2634   26300   2634   26300   2634   26300   2634   26300   2634   26300   2634   26300   2634   26300   2634   26300   2634   26300   2634   26300   2634   26300   2634   26300   2634   26300   2634   26300   2634   26300   2634   26300   2634   26300   2634   26300   2634   26300   2634   26300   2634   26300   2634   26300   2634   26300   2634   26300   2634   26300   2634   26300   2634   26300   2634   26300   2634   26300   2634   26300   2634   26300   2634   26300   2634   26300   2634   26300   2634   26300   2634   26300   2634   26300   2634   26300   2634   26300   2634   26300   2634   26300   2634   26300   2634   26300   2634   26300   2634   26300   2634   26300   2634   26300   2634   26300   2634   26300   2634   26300   2634   26300   2634   26300   2634   26300   2634   26300   2634   26300   2634   26300   2634   26300   2634   26300   2634   26300   2634   26300   2634   26300   2634   26300   2634   26300   2634   26300   2634   26300   2634   26300   2634   26300   2634   26300   2634   26300   2634   26300   2634   26300   2634   26300   2634   26300   2634   2634   2634   2634   2634   2634   2634   2634   2634   2634   2634   2634   2634   2634   2634   2634   2634   2634   2634   2634   2634   2634   2634   2634   2634   2634   2634   2634   2634   2634   2634   2634   2634   2634   2634   2634   2634   2634   2634   2634   2634   2634   2634   2634   2634   2634   2634   2634   2634   2634   2634   2634   2634   2634   2634   2634   2634   2634   2634   2634   2634   2634   2634   2634   2634	2991	8039	UGUUCCAU C CAUAACUU	7988	AAGUUAUG CUGAUGAG GCCGUUAGGC CGAA AUGGAACA 26	6364
2000   8030   CALIARCU U GCACLIGU   7991   ACUARURC CURAVARA GCOQUILAGE CORA AGURANA 26168   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000   2000	2995	8035	CCAUCCAU A ACUUUGCA	7989	UGCAAAGU CUGAUGAG GCCGUUAGGC CGAA AUGGAUGG 26	6365
1905   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902	2999	8031	CCAUAACU U UGCACUAG	7990	CUAGUGCA CUGAUGAG GCCGUUAGGC CGAA AGUUAUGG 26	6366
1902   GOLDBOOK U GORGICO   7993   ARAGOCCC CUGAINAR GOCCULAGE COAA ACCURUGO   26159   19012   6012   60020   10 CAMBUICO   7994   6004000   10 CAMBUICO   1994   10 CAMBUICO   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995	3000	8030	CAUAACUU U GCACUAGU	7991	ACUAGUGC CUGAUGAG GCCGUUAGGC CGAA AAGUUAUG 26	6367
	3006	8024	UUUGCACU A GUUGGGGC	7992	GCCCCAAC CUGAUGAG GCCGUUAGGC CGAA AGUGCAAA 26	6368
	3009	8021	GCACUAGU U GGGGCUCU	7993	AGAGCCCC CUGAUGAG GCCGUUAGGC CGAA ACUAGUGC 26	6369
1901   1901   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902   1902	3016	8014	UUGGGGCU C UUCAUGUC	7994	GACAUGAA CUGAUGAG GCCGUUAGGC CGAA AGCCCCAA 26	6370
1902   1906	3018	8012	GGGGCUCU U CAUGUCCG	7995	CGGACAUG CUGAUGAG GCCGUUAGGC CGAA AGAGCCCC 26	6371
1992   1993   ACCIOCCUI U URUGUIACC   7999   GGUARCA CUGAUGAG   GCCUULAGGC COBA AGGGOGGU   26374	3019	8011	GGGCUCUU C AUGUCCGG	7996	CCGGACAU CUGAUGAG GCCGUUAGGC CGAA AAGAGCCC 26	6372
1938   7992   CORCOCCUL U GUIDRICCC   7999   GGUIDRICC CUARIGING   GCCGUIDRIGC COAR ARAGGCGG   26175   1943   7987   UUURGIGU A COCUCURS   8000   UCRAGGGG CURARIGAG   GCCGUIDRIGC COAR ARCARAGG   26376   1954   7978   UUURGICU U UUUGGACU   8001   AGARGICA CUGAUGRG   GCCGUIDRIGC COAR ARCARAGG   26376   1955   7975   UUURGICU U UUUGGACU   8002   AGUCCARA CUARIGRG   GCCGUIDRIGC COAR ARCARAGGCG   26376   1955   7975   UUURGICU U UUUGGACU   8002   AGUCCARA CUARIGRG   GCCGUIDRIGG COAR ARGUCARA   26378   1955   7977   UUUGGACU U UUUGGACU   8004   AARGUCC CUARIGRG   GCCGUIDRIGC COAR ARGUCARA   26380   1965   7967   CUUGGACU C UUUUUUGG   8004   AARGUCC CUARIGRG   GCCGUIDRIGC COAR ARGUCARA   26380   1965   7967   CUUGGACU C UUUUUUGG   8005   ACCCARA CUARIGRG   GCCGUIDRIGC COAR ARGUCARA   26381   1965   7967   GUIGGACU U UUUGGGGU   8006   ACCCARA CUARIGRG   GCCGUIDRIGC COAR ARGUCARA   26381   1966   7964   GGACUCUU U UUGGGUU   8007   AACCCARA CUARIGRG   GCCGUIDRIGC COAR ARGUCARA   26381   1967   7963   GACUCUU U UUGGGUUG   8008   CARCCCAR CUARIGRG   GCCGUIDRIGC COAR ARGUCA   26381   1967   7963   GACUCUU U UUGGGUUG   8008   CARCCCAR CUARIGRG   GCCGUIDRIGC COAR ARGUCA   26384   1966   7961   CUUCUUU U GGGUIDGC   8018   GCARCCCA CUARIGRG   GCCGUIDRIGC COAR ARAGGCU   26384   1966   7961   CUUCUUU U GGGUIDGC   8018   GCARCCCA CUARIGRG   GCCGUIDRIGC COAR ARAGGCU   26384   1966   7961   CUUCUUU U GGGUIDGC   8018   GCARCCCA CUARIGRG   GCCGUIDRIGC COAR ARAGAGGU   26384   1966   7961   CUUCUUU U GGGUIDGC   8011   GGCGUIDRIG COCURA   GCCGUIDRIGC COAR ARAGGCO   26384   1966   7961   CUUCUUC U GAGUIDGC   8011   GGCGUIDRIG COCURA   GCCGUIDRIG COAR ARAGGCO   26384   1966   7961   CUUCUUC U GAGUIDGC   8011   GGCGUIDRIG COCURA   GCCGUIDRIG COAR ARAGGCO   26384   1966   7961   CUUCUUC U CACACU   8015   GUIDRIG COAR GCCGUIDRIG COAR ARAGGCO   26384   1966   7961   CUUCUUC U CACACU   8015   ARGURAU CUARGGCO   GCCGUIDRIG COAR ARAGGCO   26384   1966   7961   CUUCUUC U CACACU   8015   GUIDRIG COAR GCCGUIDRIG COAR ARACUACU   26384   1966   7964	3024	8006	CUUCAUGU C CGGGACCG	7997	CGGUCCCG CUGAUGAG GCCGUUAGGC CGAA ACAUGAAG 26	6373
26376   7987   CUUUUGUU   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   10	3037	7993	ACCGCCCU U UGUGUACC	7998	GGUACACA CUGAUGAG GCCGUUAGGC CGAA AGGGCGGU 26	6374
1948   7982	3038	7992	CCGCCCUU U GUGUACCC	7999	GGGUACAC CUGAUGAG GCCGUUAGGC CGAA AAGGGCGG 26	6375
19554   7976	3043	7987	CUUUGUGU A CCCUCUGA	8000	UCAGAGGG CUGAUGAG GCCGUUAGGC CGAA ACACAAAG 26	6376
1955   7975	3048	7982	UGUACCCU C UGACUUCU	8001	AGAAGUCA CUGAUGAG GCCGUUAGGC CGAA AGGGUACA 26	6377
1975   7973	3054	7976	CUCUGACU U CUUGGACU	8002	AGUCCAAG CUGAUGAG GCCGUUAGGC CGAA AGUCAGAG 26	6378
1965  7967	3055	7975	UCUGACUU C UUGGACUC	8003	GAGUCCAA CUGAUGAG GCCGUUAGGC CGAA AAGUCAGA 26	6379
1965   7966	3057	7973	UGACUUCU U GGACUCUU	8004	AAGAGUCC CUGAUGAG GCCGUUAGGC CGAA AGAAGUCA 26	6380
3066	3063	7967	CUUGGACU C UUUUUUGG	8005	CCAAAAAA CUGAUGAG GCCGUUAGGC CGAA AGUCCAAG 26	6381
3067   7963   QACUCUUU U UUGGGUUG   8008   CAACCCA CUGAUGAG   GCGUUAGGC   GGA AAAGAGUC   26384   3068   7962   ACUCUUUU U UGGGUUGC   8009   GCAACCC CUGAUGAG   GCCGUUAGGC   GGA AAAAGAGU   26385   3069   7961   CUCUUUUU U GGGUUGCC   8010   GGCAACCC CUGAUGAG   GCCGUUAGGC   GGA AAAAAGAG   26386   3074   7956   UUUUGGGU U GCCAUAUA   8011   UAUAUGGC CUGAUGAG   GCCGUUAGGC   GGA AAAAAGAG   26386   3080   7956   GUUGGCAU A UAGAUGACA   8112   GUUUUCUC GUGAUGAG   GCCGUUAGGC   GGAA AAAAGAGA   26386   3080   7948   UGCCAUAUA   GUAAUGACA   8012   GUUUUCUC GUGAUGAG   GCCGUUAGGC   GGAA AUAUGACA   26389   3085   7945   CAUAUAGU A ACACCAAC   8014   GUUGGUGU   CUGAUGAG   GCCGUUAGGC   GGAA AUAUGACA   26389   3085   7945   CAUAUAGU A ACACCACAC   8014   GUUGGUGU   CUGAUGAG   GCCGUUAGGC   GGAA AUAUGACA   26399   3099   7931   AACCCCCC C UUCCACAU   8015   AUGUGGAA   CUGAUGAG   GCCGUUAGGC   GGAA AUGUGGC   26391   3101   7929   CCGCCUCU U   CCACAUCC   8015   GGAUGUGG   GCGUUAGGC   GGAA AGAGGCGGU   26391   3102   7922   CUGCCUCU   CCACAUCC   8015   GGAUGUGG   CUGAUGAG   GCCGUUAGGC   GGAA AGAGGCGG   26392   3102   7922   CUGCCUCU   CCACAUCC   8015   GGAUGUGG   CUGAUGAG   GCCGUUAGGC   GGAA AGAGGCGG   26392   3115   7922   UUCCACAU   CCACAUCC   8015   GGAUGUGG   CUGAUGAG   GCCGUUAGGC   GGAA AGAGGCGG   26392   3115   7915   UCCACAUC   CAAUGCUU   8019   AAGUGGUG   CUGAUGAG   GCCGUUAGGC   GGAA AUGUGGAA   26394   3115   7915   UCCACAUC   CAUCCAU   8019   GAAAAAGU   CUGAUGAG   GCCGUUAGGC   GGAA AUGUGGAA   26395   3124   7996   AAUCCAUU   UUCCGACC   8021   GGGUCGGAA   CUGAUGAG   GCCGUUAGGC   GGAA AUGUGGA   26395   3124   7996   AAUCCAUU   UCCGACCG   8022   GGGUCGG   CUGAUGAG   GCCGUUAGGC   GGAA AUGUGGA   26399   3125   7905   AUCACUUU   UCCGACCG   8022   GGGUCGG   CUGAUGAG   GCCGUUAGGC   GGAA AUGUGGA   26399   3125   7905   AUCACUUU   UCCGACCG   8022   GGGUCGG   CUGAUGAG   GCCGUUAGGC   GGAA AUGUGGA   26490   3135   7889   ACCCCGGU   CGACCGGU   CGACCGG   6022   GGGUCGGG   CUGAUGAG   GCCGUUAGGC   GGAA AUGUGGA   26490   3135   7889   ACCCCGGU   CG	3065	7965	UGGACUCU U UUUUGGGU	8006	ACCCAAAA CUGAUGAG GCCGUUAGGC CGAA AGAGUCCA 26	6382
3068   7962   ACUCUUUU U UGGGUUGC   8010   GCAACCCA CUGAUGAG   GCCGUUAGGC   GGA AAAAGAGU   26385   3069   7965   UUUUGGGU U GGGUUAGAA   8011   UUAUAUGGC   CUGAUGAG   GCCGUUAGGC   GGA ACCCAAAA   26387   3080   7950   GUUGCCAU A UAGUAACA   8011   UUAUAUGAC   CUGAUGAG   GCCGUUAGGC   GGA ACCCAAAA   26387   3082   7945   CAUAUGAU A QUAACAC   8013   GGUGUUAGC   CUGAUGAG   GCCGUUAGGC   GGAA AUGGCAC   26388   3085   7945   CAUAUGAU A CACCAAC   8013   GGUGUUAGC   CUGAUGAG   GCCGUUAGGC   GGAA AUGGCAC   26388   3085   7945   CAUAUGAU A ACACCAAC   8014   GUUGGUGU   CUGAUGAG   GCCGUUAGGC   GGAA AUGGCAC   26390   3099   7931   AACCGCCU   CUGCACAU   8015   GAUGUUAC   CUGAUGAG   GCCGUUAGGC   GGAA AUGGCAC   26391   3101   7992   CCGCCUU   CCACAUCC   8015   GAUGUGGG   CUGAUGAG   GCCGUUAGGC   GGAA AGGGGGU   26391   3101   7992   CCGCCUU   CCACAUCC   8016   GGAUGUGG   CUGAUGAG   GCCGUUAGGC   GGAA AGGGGGU   26393   3108   7922   UUCCACAU   CACAUCC   8017   UGGAUGAG   GCGUUAGGC   GGAA AGGAGGGC   26393   3108   7922   UUCCACAU   CACAUCC   8018   BUACCUU   CUGAUGAG   GCCGUUAGGC   GGAA AGGAGGC   26393   3115   7915   UCCAAGGU   CAUAUCAC   8018   MAGCGUG   CUGAUGAG   GCCGUUAGGC   GGAA AGGAGGC   26393   3115   7915   UCCAAGGU   CAUAUCAC   8018   MAGCGUG   CUGAUGAG   GCCGUUAGGC   GGAA AUGUGGAA   26395   3115   7915   UCCAAGGU   CAUAUCAC   8018   MAGCGUG   CUGAUGAG   GCCGUUAGGC   GGAA AUGUGGAA   26395   3123   7996   CAUAUCAC   CUGAUCAC   8012   GUUCAGAG   GCCGUUAGGC   GGAA AUGUGGAA   26395   3123   7996   CAUAUCAC   UUCCGACC   8022   GGUCAGA   CUGAUGAG   GCCGUUAGGC   GGAA AUGUGGA   26394   3123   7996   AAUCACUU   UCCGACC   8022   GGUGGGAA   CUGAUGAG   GCCGUUAGGC   GGAA AUGUGGA   26398   3125   7996   AAUCACUU   UCCGACC   8022   GUUAGGA   GCCGUUAGGC   GGAA AUGUGGA   26398   3125   7996   AAUCACUU   UCCGACC   8022   GUUAGGA   GCCGUUAGGC   GGAA AUGUGGU   26398   3126   7996   UCACUUU   CGACCGG   8023   GCCGGGGAA   GCCGGUUAGGC   GGAA AUGUGGA   26398   3126   7996   UCACUUU   CGACCGG   8023   GCCGGGGAA   GCCGGUUAGGC   GGAA AUGUGGA   26398	3066	7964	GGACUCUU U UUUGGGUU	8007	AACCCAAA CUGAUGAG GCCGUUAGGC CGAA AAGAGUCC 26	6383
3069   7951	3067	7963	GACUCUUU U UUGGGUUG	8008	CAACCCAA CUGAUGAG GCCGUUAGGC CGAA AAAGAGUC 26	6384
3074   7956	3068	7962	ACUCUUUU U UGGGUUGC	8009	GCAACCCA CUGAUGAG GCCGUUAGGC CGAA AAAAGAGU 26	6385
3080   7956	3069	7961	CUCUUUUU U GGGUUGCC	8010	GGCAACCC CUGAUGAG GCCGUUAGGC CGAA AAAAAGAG 26	6386
3082   7948	3074	7956	UUUUGGGU U GCCAUAUA	8011	UAUAUGGC CUGAUGAG GCCGUUAGGC CGAA ACCCAAAA 26	6387
3085   7945	3080	7950	GUUGCCAU A UAGUAACA	8012	UGUUACUA CUGAUGAG GCCGUUAGGC CGAA AUGGCAAC 26	6388
3099   7931	3082	7948	UGCCAUAU A GUAACACC	8013	GGUGUUAC CUGAUGAG GCCGUUAGGC CGAA AUAUGGCA 26	6389
3101   7929	3085	7945	CAUAUAGU A ACACCAAC	8014	GUUGGUGU CUGAUGAG GCCGUUAGGC CGAA ACUAUAUG 26	6390
3102   7928	3099	7931	AACCGCCU C UUCCACAU	8015	AUGUGGAA CUGAUGAG GCCGUUAGGC CGAA AGGCGGUU 26	6391
3108	3101	7929	CCGCCUCU U CCACAUCC	8016	GGAUGUGG CUGAUGAG GCCGUUAGGC CGAA AGAGGCGG 26	6392
3115	3102	7928	CGCCUCUU C CACAUCCA	8017	UGGAUGUG CUGAUGAG GCCGUUAGGC CGAA AAGAGGCG 26	6393
3119   7911	3108	7922	UUCCACAU C CAAGGUCA	8018	UGACCUUG CUGAUGAG GCCGUUAGGC CGAA AUGUGGAA 26	26394
3123   7907   CABUCACU U UUCCGACC   8021   GGUCGGA CUGAUGAG   GCCGUUAGGC   CGAA AGUGAUU   26397	3115	7915	UCCAAGGU C AAUCACUU	8019	AAGUGAUU CUGAUGAG GCCGUUAGGC CGAA ACCUUGGA 20	6395
3124   7906	3119	7911	AGGUCAAU C ACUUUUCC	8020	GGAAAAGU CUGAUGAG GCCGUUAGGC CGAA AUUGACCU 26	6396
3125   7905   AUCACUUU U CCGACCGG   8023   CCGGUCGG CUGAUGAG GCCGUUAGGC CGAA AAAGUGAU 26399   3126   7904   UCACUUUU C CGACCGGU 8024   ACCGGUCG CUGAUGAG GCCGUUAGGC CGAA AAAGUGA 26400   3135   7895   CGACCGGU U CGAGAAAC 8025   GUUUCUCG CUGAUGAG GCCGUUAGGC CGAA ACAGGUCG 26401   3136   7894   GACCGGUU C GAGAAACC 8025   GUUUCUC CUGAUGAG GCCGUUAGGC CGAA ACCGGUC 26402   3146   7884   AGAAACU C CGUUCGAC 8027   GUCGAACG CUGAUGAG GCCGUUAGGC CGAA ACCGGUC 26402   3146   7884   AGAAACU C CGUUCGAC 8027   GUCGAACG CUGAUGAG GCCGUUAGGC CGAA ACCGAGCU 26403   3150   7880   ACCUCCGU U CGACCAGC 8028   GCUGGUCG CUGAUGAG GCCGUUAGGC CGAA ACCGAGGU 26404   3151   7879   CCUCCGUU C GACCAGC 8028   GCUGGUCG CUGAUGAG GCCGUUAGGC CGAA ACCGAGGU 26404   3151   7866   CCAGCCAU C UCAGUUUU 8030   AAAACUGA CUGAUGAG GCCGUUAGGC CGAA ACCGAGGU 26406   3164   7866   AGCCAUCU C AGUUUUGC 8031   GCAAAACU CUGAUGAG GCCGUUAGGC CGAA ACCGAGG 26405   3168   7862   AUCUCAGU U UUGCUGGG 8032   CACAGCAA CUGAUGAG GCCGUUAGGC CGAA ACUGAGAU 26408   3169   7861   UCUCAGUU U UGCUGUG 8032   GCACAGCA CUGAUGAG GCCGUUAGGC CGAA ACUGAGAU 26408   3169   7860   CUCAGUUU U GCUGUGC 8033   GCACAGCA CUGAUGAG GCCGUUAGGC CGAA ACUGAGAU 26408   3169   7860   CUCAGUUU U GCUGUGC 8034   GCACAGCA CUGAUGAG GCCGUUAGGC CGAA ACUGAGA 26409   3170   7860   CUCAGUUU U GCUGUGC 8034   GCCACAGC CUGAUGAG GCCGUUAGGC CGAA AACUGAGA 26409   3182   7848   GUGCCCCU A GAGACUG 8034   GCCACAGC CUGAUGAG GCCGUUAGGC CGAA AACUGAGA 26400   3182   7848   GUGCCCCU A GAGACUG 8034   GCCACAGC CUGAUGAG GCCGUUAGGC CGAA AACUGAGA 26401   3198   7832   GAUGCCCCU C CAGUGACA 8036   UGUCACUG CUGAUGAG GCCGUUAGGC CGAA AACUGAGA 26410   3198   7832   GAUGCCCU C CAGUGACA 8036   UGUCACUG CUGAUGAG GCCGUUAGGC CGAA AACUGAC 26412   3249   7881   CAUGCCCCU C CAGUGACA 8036   CUGAUGAG GCCGUUAGGC CGAA AACUGAC 26412   3249   7881   GAUGCCCU C UUCCCUG 8038   CAGGAAG CUGAUGAG GCCGUUAGGC CGAA AGGGCAU 26416   3217   7813   GCCUUCUU C CUGGCGU 8044   ACGCGCGC CUGAUGAG GCCGUUAGGC CGAA AAGGACC 26418   3228   7802   UGCCCCU C UUCCCUG 8044   ACGCGCCC	3123	7907	CAAUCACU U UUCCGACC	8021	GGUCGGAA CUGAUGAG GCCGUUAGGC CGAA AGUGAUUG 26	6397
3126	3124	7906	AAUCACUU U UCCGACCG	8022	CGGUCGGA CUGAUGAG GCCGUUAGGC CGAA AAGUGAUU 20	6398
3135	3125	7905	AUCACUUU U CCGACCGG	8023	CCGGUCGG CUGAUGAG GCCGUUAGGC CGAA AAAGUGAU 26	6399
3136	3126	7904	UCACUUUU C CGACCGGU	8024	ACCGGUCG CUGAUGAG GCCGUUAGGC CGAA AAAAGUGA 26	6400
3146	3135	7895	CGACCGGU U CGAGAAAC	8025	GUUUCUCG CUGAUGAG GCCGUUAGGC CGAA ACCGGUCG 20	26401
3150	3136	7894	GACCGGUU C GAGAAACC	8026	GGUUUCUC CUGAUGAG GCCGUUAGGC CGAA AACCGGUC 26	6402
3151 7879   CCUCCGUU C GACCAGCC   8029   GGCUGGUC CUGAUGAG   GCCGUUAGGC   CGAA   AACGGAGG   26405	3146	7884	AGAAACCU C CGUUCGAC	8027	GUCGAACG CUGAUGAG GCCGUUAGGC CGAA AGGUUUCU 20	26403
3162	3150	7880	ACCUCCGU U CGACCAGC	8028	GCUGGUCG CUGAUGAG GCCGUUAGGC CGAA ACGGAGGU 20	26404
3164   7866   AGCCAUCU C AGUUUUGC   8031   GCAAAACU CUGAUGAG GCCGUUAGGC CGAA AGAUGGCU   26407   3168   7862   AUCUCAGU U UUGCUGUG   8032   CACAGCAA CUGAUGAG GCCGUUAGGC CGAA ACUGAGAU   26408   3169   7861   UCUCAGUU U UGCUGUGC   8033   GCACAGCA CUGAUGAG GCCGUUAGGC CGAA AACUGAGA   26409   3170   7860   CUCAGUUU U GCUGUGCC   8034   GGCACAGC CUGAUGAG GCCGUUAGGC CGAA AACUGAGA   26410   3182   7848   GUGCCCCU A GAGACUGG   8035   CCAGUCUC CUGAUGAG GCCGUUAGGC CGAA AGGGCAC   26411   3198   7832   GAUGCCCU C CAGUGACA   8036   UGUCACUG CUGAUGAG GCCGUUAGGC CGAA AGGGCAUC   26412   3208   7822   AGUGACAU U GCCUUCUU   8037   AAGAAGGC CUGAUGAG GCCGUUAGGC CGAA AGGCCAUC   26413   3213   7817   CAUUGCCU U CUUUCCUG   8038   CAGGAAAG CUGAUGAG GCCGUUAGGC CGAA AGGCCAUC   26414   3214   7816   AUUGCCUU C UUCCUGG   8039   CCAGGAAA CUGAUGAG GCCGUUAGGC CGAA AGGCAAUG   26415   3216   7814   UGCCUUCU U UCCUGGGCG   8040   CGCCAGGAA CUGAUGAG GCCGUUAGGC CGAA AGAGGCA   26416   3217   7813   GCCUUCUU U CCUGGCGU   8041   ACGCCAGG CUGAUGAG GCCGUUAGGC CGAA AGAAGGCA   26416   3218   7812   CCUUCUUU C CUGGCGU   8041   ACGCCAGG CUGAUGAG GCCGUUAGGC CGAA AAGAAGGC   26417   3218   7812   CCUUCUUU C CUGGCGUG   8041   ACGCCAGG CUGAUGAG GCCGUUAGGC CGAA AAGAAGGC   26417   3228   7802   UGGCGUGU U UUGCCGCU   8043   AGCGGCAA CUGAUGAG GCCGUUAGGC CGAA AAGAAGGC   26417   3228   7802   UGGCGUGU U UUGCCGCU   8043   AGCGGCAA CUGAUGAG GCCGUUAGGC CGAA AAGAAGGC   26417   3228   7802   UGGCGUGU U UUGCCGCU   8043   AGCGGCAA CUGAUGAG GCCGUUAGGC CGAA AAGAAGGC   26418   3228   7802   UGGCGUGU U UUGCCGCU   8043   AGCGGCAA CUGAUGAG GCCGUUAGGC CGAA AAGAAGGC   26418   3228   7802   UGGCGUGU U UGCCGCUG   8043   AGCGGCAA CUGAUGAG GCCGUUAGGC CGAA AAGAAGCC   26419   3228   7802   UGGCGUGU U UGCCGCUG   8043   AGCGGCAA CUGAUGAG GCCGUUAGGC CGAA AACACGCC   26420   3230   7800   GCGUGUU U GCCGCUGA   8044   CAGCGGC CUGAUGAG GCCGUUAGGC CGAA AACACGCC   26420   3244   7786   UGAGCGAU C GACUUCGA   8046   UCGAAGUC CUGAUGAG GCCGUUAGGC CGAA AACACGCC   26421   3249   7781   GAUCGACU C GACUGAG	3151	7879	CCUCCGUU C GACCAGCC	8029	GGCUGGUC CUGAUGAG GCCGUUAGGC CGAA AACGGAGG 26	6405
3168   7862   AUCUCAGU U UUGCUGUG   8032   CACAGCAA CUGAUGAG   GCCGUUAGGC   CGAA ACUGAGAU   26408	3162	7868	CCAGCCAU C UCAGUUUU	8030		26406
3169 7861 UCUCAGUU U UGCUGUGC 8033 GCACAGCA CUGAUGAG GCCGUUAGGC CGAA AACUGAGA 26409 3170 7860 CUCAGUUU U GCUGUGCC 8034 GGCACAGC CUGAUGAG GCCGUUAGGC CGAA AAACUGAG 26410 3182 7848 GUGCCCCU A GAGACUGG 8035 CCAGUCUC CUGAUGAG GCCGUUAGGC CGAA AAGCUGAG 26411 3198 7832 GAUGCCCU C CAGUGACA 8036 UGUCACUG CUGAUGAG GCCGUUAGGC CGAA AGGGCAUC 26412 3208 7822 AGUGACAU U GCCUUCUU 8037 AAGAAGGC CUGAUGAG GCCGUUAGGC CGAA AUGUCACU 26413 3213 7817 CAUUGCCU U CUUUCCUG 8038 CAGGAAAG CUGAUGAG GCCGUUAGGC CGAA AGGCAAUG 26414 3214 7816 AUUGCCUU C UUUCCUGG 8039 CCAGGAAAG CUGAUGAG GCCGUUAGGC CGAA AAGGCAAU 26415 3216 7814 UGCCUUCU U UCCUGGCG 8040 CGCCAGGA CUGAUGAG GCCGUUAGGC CGAA AAGGCAAU 26416 3217 7813 GCCUUCUU U CCUGGCGU 8041 ACGCCAGG CUGAUGAG GCCGUUAGGC CGAA AAGAAGGC 26416 3218 7812 CCUUCUU U CCUGGCGU 8041 ACGCCAGG CUGAUGAG GCCGUUAGGC CGAA AAGAAGGC 26418 3228 7802 UGGCGUGU U UUGCCGCU 8043 AGCGGCAA CUGAUGAG GCCGUUAGGC CGAA AAGAAGGC 26418 3229 7801 GGCGUGUU U UGCCGCU 8043 AGCGGCAA CUGAUGAG GCCGUUAGGC CGAA AAGAAGGC 26419 3229 7801 GGCGUGUU U UGCCGCUG 8044 CAGCGGCA CUGAUGAG GCCGUUAGGC CGAA AACACGCC 26420 3230 7800 GCGUGUUU U GCCGCUGA 8045 UCAGCGGC CUGAUGAG GCCGUUAGGC CGAA AACACGCC 26420 3244 7786 UGAGCGAU C GACUUCGA 8046 UCGAAGUC CUGAUGAG GCCGUUAGGC CGAA AACACGCC 26421 3249 7781 GAUCGACUU C GAUGAUG 8046 UCGAAGUC CUGAUGAG GCCGUUAGGC CGAA AACACGC 26422 3249 7781 GAUCGACUU C GAUGAUG 8048 CCAUCAUC CUGAUGAG GCCGUUAGGC CGAA AACACGC 26423 3250 7780 AUCGACUU C GAUGAUG 8048 CCAUCAUC CUGAUGAG GCCGUUAGGC CGAA AACACGC 26424	3164	7866		<del></del>		
3170 7860 CUCAGUUU U GCUGUGCC 8034 GGCACAGC CUGAUGAG GCCGUUAGGC CGAA AAACUGAG 26410 3182 7848 GUGCCCCU A GAGACUGG 8035 CCAGUCUC CUGAUGAG GCCGUUAGGC CGAA AGGGGCAC 26411 3198 7832 GAUGCCCU C CAGUGACA 8036 UGUCACUG CUGAUGAG GCCGUUAGGC CGAA AGGGCAUC 26412 3208 7822 AGUGACAU U GCCUUCUU 8037 AAGAAGGC CUGAUGAG GCCGUUAGGC CGAA AUGUCACU 26413 3213 7817 CAUUGCCU U CUUUCCUG 8038 CAGGAAAG CUGAUGAG GCCGUUAGGC CGAA AUGUCACU 26414 3214 7816 AUUGCCUU C UUUCCUGG 8039 CCAGGAAA CUGAUGAG GCCGUUAGGC CGAA AAGGCAAUG 26414 3216 7814 UGCCUUCU U UCCUGGCG 8040 CGCCAGGA CUGAUGAG GCCGUUAGGC CGAA AAGAAGGC 26416 3217 7813 GCCUUCUU U CCUGGCGU 8041 ACGCCAGG CUGAUGAG GCCGUUAGGC CGAA AAGAAGGC 26417 3218 7812 CCUUCUUU C CUGGCGU 8041 ACGCCAGG CUGAUGAG GCCGUUAGGC CGAA AAGAAGGC 26418 3228 7802 UGGCGUGU U UUGCCGCU 8043 AGCGCAA CUGAUGAG GCCGUUAGGC CGAA AAGAAGG 26418 3229 7801 GGCGUGUU U UGCCGCU 8043 AGCGGCAA CUGAUGAG GCCGUUAGGC CGAA AACACGCC 26420 3230 7800 GCGUGUUU U GCCGCUGA 8044 CAGCGGCA CUGAUGAG GCCGUUAGGC CGAA AACACGCC 26420 3244 7786 UGAGCGAU C GACUUCGA 8045 UCAGCGGC CUGAUGAG GCCGUUAGGC CGAA AACACGC 26421 3249 7781 GAUCGACU C GAUGAUG 8047 CAUCAUCG CUGAUGAG GCCGUUAGGC CGAA AACACGC 26423 3250 7780 AUCGACUU C GAUGAUG 8048 CCAUCAUC CUGAUGAG GCCGUUAGGC CGAA AACACGC 26423	3168	7862		<del></del>		
3182 7848 GUGCCCCU A GAGACUGG 8035 CCAGUCUC CUGAUGAG GCCGUUAGGC CGAA AGGGCAC 26411 3198 7832 GAUGCCCU C CAGUGACA 8036 UGUCACUG CUGAUGAG GCCGUUAGGC CGAA AGGGCAUC 26412 3208 7822 AGUGACAU U GCCUUCUU 8037 AAGAAGGC CUGAUGAG GCCGUUAGGC CGAA AUGUCACU 26413 3213 7817 CAUUGCCU U CUUUCCUG 8038 CAGGAAAG CUGAUGAG GCCGUUAGGC CGAA AUGUCACU 26414 3214 7816 AUUGCCUU C UUUCCUGG 8039 CCAGGAAA CUGAUGAG GCCGUUAGGC CGAA AGGCAAU 26415 3216 7814 UGCCUUCU U UCCUGGCG 8040 CGCCAGGA CUGAUGAG GCCGUUAGGC CGAA AGGCAAU 26416 3217 7813 GCCUUCUU U CCUGGCGU 8041 ACGCCAGG CUGAUGAG GCCGUUAGGC CGAA AAGAAGGC 26417 3218 7812 CCUUCUUU C CUGGCGU 8042 CACGCCAG CUGAUGAG GCCGUUAGGC CGAA AAGAAGGC 26418 3228 7802 UGGCGUGU U UUGCCGCU 8043 AGCGGCAA CUGAUGAG GCCGUUAGGC CGAA AAAGAAGG 26419 3229 7801 GGCGUGUU U UGCCGCUG 8044 CAGCGCAA CUGAUGAG GCCGUUAGGC CGAA ACACGCCA 26419 3230 7800 GCGUGUUU U GCCGCUG 8044 CAGCGGCA CUGAUGAG GCCGUUAGGC CGAA AACACGCC 26420 3244 7786 UGAGCGAU C GACUUCGA 8045 UCAGCGGC CUGAUGAG GCCGUUAGGC CGAA AACACGCC 26421 3249 7781 GAUCGACU C GAUGAUG 8047 CAUCAUCG CUGAUGAG GCCGUUAGGC CGAA AACACGCC 26422 3249 7781 GAUCGACU C GAUGAUG 8048 CCAUCAUC CUGAUGAG GCCGUUAGGC CGAA AAGUCGAU 26423 3250 7780 AUCGACUU C GAUGAUGG 8048 CCAUCAUC CUGAUGAG GCCGUUAGGC CGAA AAGUCGAU 26424		<del></del>	<u></u>	<del>}</del>		
3198 7832 GAUGCCU C CAGUGACA 8036 UGUCACUG CUGAUGAG GCCGUUAGGC CGAA AGGGCAUC 26412 3208 7822 AGUGACAU U GCCUUCUU 8037 AAGAAGGC CUGAUGAG GCCGUUAGGC CGAA AUGUCACU 26413 3213 7817 CAUUGCCU U CUUUCCUG 8038 CAGGAAAG CUGAUGAG GCCGUUAGGC CGAA AGGCAAUG 26414 3214 7816 AUUGCCUU C UUUCCUGG 8039 CCAGGAAA CUGAUGAG GCCGUUAGGC CGAA AAGGCAAU 26415 3216 7814 UGCCUUCUU U UCCUGGCG 8040 CGCCAGGA CUGAUGAG GCCGUUAGGC CGAA AAGAAGGCA 26416 3217 7813 GCCUUCUU U CCUGGCGU 8041 ACGCCAGG CUGAUGAG GCCGUUAGGC CGAA AAGAAGGC 26417 3218 7812 CCUUCUUU C CUGGCGU 8041 ACGCCAGG CUGAUGAG GCCGUUAGGC CGAA AAAGAAGGC 26417 3228 7802 UGGCGUGU U UUGCCGCU 8043 AGCGCAA CUGAUGAG GCCGUUAGGC CGAA AAAGAAGG 26418 3229 7801 GGCGUGUU U UGCCGCU 8044 CAGCGCAA CUGAUGAG GCCGUUAGGC CGAA ACACGCCA 26419 3230 7800 GCGUGUUU U GCCGCUGA 8044 CAGCGGCA CUGAUGAG GCCGUUAGGC CGAA AACACGCC 26420 3244 7786 UGAGCGAU C GACUUCGA 8046 UCGAAGUC CUGAUGAG GCCGUUAGGC CGAA AAACACGC 26421 3249 7781 GAUCGACU C GAUGAUG 8047 CAUCAUCG CUGAUGAG GCCGUUAGGC CGAA AACACGCC 26423 3250 7780 AUCGACUU C GAUGAUGG 8048 CCAUCAUC CUGAUGAG GCCGUUAGGC CGAA AAGUCGAU 26423			·		<u></u>	
3208 7822 AGUGACAU U GCCUUCUU 8037 AAGAAGGC CUGAUGAG GCCGUUAGGC CGAA AUGUCACU 26413 3213 7817 CAUUGCCU U CUUUCCUG 8038 CAGGAAAG CUGAUGAG GCCGUUAGGC CGAA AGGCAAUG 26414 3214 7816 AUUGCCUU C UUUCCUGG 8039 CCAGGAAA CUGAUGAG GCCGUUAGGC CGAA AAGGCAAU 26415 3216 7814 UGCCUUCUU U UCCUGGCG 8040 CGCCAGGA CUGAUGAG GCCGUUAGGC CGAA AAGAAGGCA 26416 3217 7813 GCCUUCUU U CCUGGCGU 8041 ACGCCAGG CUGAUGAG GCCGUUAGGC CGAA AAGAAGGC 26417 3218 7812 CCUUCUUU C CUGGCGUG 8042 CACGCCAG CUGAUGAG GCCGUUAGGC CGAA AAAGAAGG 26418 3228 7802 UGGCGUGU U UUGCCGCU 8043 AGCGGCAA CUGAUGAG GCCGUUAGGC CGAA AAAGAAGG 26419 3229 7801 GGCGUGUU U UGCCGCU 8044 CAGCGGCA CUGAUGAG GCCGUUAGGC CGAA AACACGCC 26420 3230 7800 GCGUGUUU U GCCGCUGA 8045 UCAGCGGC CUGAUGAG GCCGUUAGGC CGAA AACACGCC 26421 3244 7786 UGAGCGAU C GACUUCGA 8046 UCGAAGUC CUGAUGAG GCCGUUAGGC CGAA AACACGCC 26422 3249 7781 GAUCGACU C GAUGAUG 8047 CAUCAUCG CUGAUGAG GCCGUUAGGC CGAA AAGUCGAU 26423 3250 7780 AUCGACUU C GAUGAUGG 8048 CCAUCAUCG CUGAUGAG GCCGUUAGGC CGAA AAGUCGAU 26424	<u> </u>			<del></del>		
3213 7817 CAUUGCCU U CUUUCCUG 8038 CAGGAAAG CUGAUGAG GCCGUUAGGC CGAA AGGCAAUG 26414 3214 7816 AUUGCCUU C UUUCCUGG 8039 CCAGGAAA CUGAUGAG GCCGUUAGGC CGAA AAGGCAAU 26415 3216 7814 UGCCUUCU U UCCUGGCG 8040 CGCCAGGA CUGAUGAG GCCGUUAGGC CGAA AGAAGGCA 26416 3217 7813 GCCUUCUU U CCUGGCGU 8041 ACGCCAGG CUGAUGAG GCCGUUAGGC CGAA AAGAAGGC 26417 3218 7812 CCUUCUUU C CUGGCGUG 8042 CACGCCAG CUGAUGAG GCCGUUAGGC CGAA AAGAAGGC 26418 3228 7802 UGGCGUGU U UUGCCGCU 8043 AGCGGCAA CUGAUGAG GCCGUUAGGC CGAA ACACGCCA 26419 3229 7801 GGCGUGUU U UGCCGCUG 8044 CAGCGGCA CUGAUGAG GCCGUUAGGC CGAA AACACGCC 26420 3230 7800 GCGUGUUU U GCCGCUGA 8045 UCAGCGGC CUGAUGAG GCCGUUAGGC CGAA AACACGCC 26421 3244 7786 UGAGCGAU C GACUUCGA 8046 UCGAAGUC CUGAUGAG GCCGUUAGGC CGAA AACACGC 26422 3249 7781 GAUCGACU C GAUGAUG 8047 CAUCAUCG CUGAUGAG GCCGUUAGGC CGAA AGUCGAUC 26423 3250 7780 AUCGACUU C GAUGAUGG 8048 CCAUCAUC CUGAUGAG GCCGUUAGGC CGAA AAGUCGAU 26424	<u> </u>	<del></del>	<u> </u>	<del> </del>		
3214 7816 AUUGCCUU C UUUCCUGG 8039 CCAGGAAA CUGAUGAG GCCGUUAGGC CGAA AAGGCAAU 26415 3216 7814 UGCCUUCU U UCCUGGCG 8040 CGCCAGGA CUGAUGAG GCCGUUAGGC CGAA AGAAGGCA 26416 3217 7813 GCCUUCUU U CCUGGCGU 8041 ACGCCAGG CUGAUGAG GCCGUUAGGC CGAA AAGAAGGC 26417 3218 7812 CCUUCUUU C CUGGCGUG 8042 CACGCCAG CUGAUGAG GCCGUUAGGC CGAA AAAGAAGGC 26418 3228 7802 UGGCGUGU U UUGCCGCU 8043 AGCGGCAA CUGAUGAG GCCGUUAGGC CGAA AAAGAAGG 26418 3229 7801 GGCGUGUU U UGCCGCUG 8044 CAGCGGCA CUGAUGAG GCCGUUAGGC CGAA AACACGCC 26420 3230 7800 GCGUGUUU U GCCGCUGA 8045 UCAGCGGC CUGAUGAG GCCGUUAGGC CGAA AACACGCC 26421 3244 7786 UGAGCGAU C GACUUCGA 8046 UCGAAGUC CUGAUGAG GCCGUUAGGC CGAA AACACGC 26422 3249 7781 GAUCGACU U CGAUGAUG 8047 CAUCAUCG CUGAUGAG GCCGUUAGGC CGAA AGUCGAUC 26423 3250 7780 AUCGACUU C GAUGAUGG 8048 CCAUCAUC CUGAUGAG GCCGUUAGGC CGAA AAGUCGAU 26424				<del></del>		
3216 7814 UGCCUUCU U UCCUGGCG 8040 CGCCAGGA CUGAUGAG GCCGUUAGGC CGAA AGAAGGCA 26416 3217 7813 GCCUUCUU U CCUGGCGU 8041 ACGCCAGG CUGAUGAG GCCGUUAGGC CGAA AAGAAGGC 26417 3218 7812 CCUUCUUU C CUGGCGUG 8042 CACGCCAG CUGAUGAG GCCGUUAGGC CGAA AAAGAAGG 26418 3228 7802 UGGCGUGU U UUGCCGCU 8043 AGCGGCAA CUGAUGAG GCCGUUAGGC CGAA ACACGCCA 26419 3229 7801 GGCGUGUU U UGCCGCUG 8044 CAGCGGCA CUGAUGAG GCCGUUAGGC CGAA ACACGCC 26420 3230 7800 GCGUGUUU U GCCGCUGA 8045 UCAGCGGC CUGAUGAG GCCGUUAGGC CGAA AAACACGC 26421 3244 7786 UGAGCGAU C GACUUCGA 8046 UCGAAGUC CUGAUGAG GCCGUUAGGC CGAA AUCGCUCA 26422 3249 7781 GAUCGACU U CGAUGAUG 8047 CAUCAUCG CUGAUGAG GCCGUUAGGC CGAA AGUCGAUC 26423 3250 7780 AUCGACUU C GAUGAUGG 8048 CCAUCAUC CUGAUGAG GCCGUUAGGC CGAA AAGUCGAU 26424		7817	<del></del>			
3217 7813 GCCUUCUU U CCUGGCGU 8041 ACGCCAGG CUGAUGAG GCCGUUAGGC CGAA AAGAAGGC 26417 3218 7812 CCUUCUUU C CUGGCGUG 8042 CACGCCAG CUGAUGAG GCCGUUAGGC CGAA AAAGAAGG 26418 3228 7802 UGGCGUGU U UUGCCGCU 8043 AGCGGCAA CUGAUGAG GCCGUUAGGC CGAA ACACGCCA 26419 3229 7801 GGCGUGUU U UGCCGCUG 8044 CAGCGGCA CUGAUGAG GCCGUUAGGC CGAA AACACGCC 26420 3230 7800 GCGUGUUU U GCCGCUGA 8045 UCAGCGGC CUGAUGAG GCCGUUAGGC CGAA AACACGCC 26421 3244 7786 UGAGCGAU C GACUUCGA 8046 UCGAAGUC CUGAUGAG GCCGUUAGGC CGAA AUCGCUCA 26422 3249 7781 GAUCGACU U CGAUGAUG 8047 CAUCAUCG CUGAUGAG GCCGUUAGGC CGAA AGUCGAUC 26423 3250 7780 AUCGACUU C GAUGAUGG 8048 CCAUCAUC CUGAUGAG GCCGUUAGGC CGAA AAGUCGAU 26424	<b></b>	<del></del>		<del></del>		
3218 7812 CCUUCUUU C CUGGCGUG 8042 CACGCCAG CUGAUGAG GCCGUUAGGC CGAA AAAGAAGG 26418 3228 7802 UGGCGUGU U UUGCCGCU 8043 AGCGGCAA CUGAUGAG GCCGUUAGGC CGAA ACACGCCA 26419 3229 7801 GGCGUGUU U UGCCGCUG 8044 CAGCGGCA CUGAUGAG GCCGUUAGGC CGAA ACACGCC 26420 3230 7800 GCGUGUUU U GCCGCUGA 8045 UCAGCGGC CUGAUGAG GCCGUUAGGC CGAA AAACACGC 26421 3244 7786 UGAGCGAU C GACUUCGA 8046 UCGAAGUC CUGAUGAG GCCGUUAGGC CGAA AUCGCUCA 26422 3249 7781 GAUCGACU U CGAUGAUG 8047 CAUCAUCG CUGAUGAG GCCGUUAGGC CGAA AGUCGAUC 26423 3250 7780 AUCGACUU C GAUGAUGG 8048 CCAUCAUC CUGAUGAG GCCGUUAGGC CGAA AAGUCGAU 26424		<del></del>				
32287802UGGCGUGU U UUGCCGCU8043AGCGGCAA CUGAUGAG GCCGUUAGGC CGAA ACACGCCA2641932297801GGCGUGUU U UGCCGCUG8044CAGCGGCA CUGAUGAG GCCGUUAGGC CGAA AACACGCC2642032307800GCGUGUUU U GCCGCUGA8045UCAGCGGC CUGAUGAG GCCGUUAGGC CGAA AAACACGC2642132447786UGAGCGAU C GACUUCGA8046UCGAAGUC CUGAUGAG GCCGUUAGGC CGAA AUCGCUCA2642232497781GAUCGACU U CGAUGAUG8047CAUCAUCG CUGAUGAG GCCGUUAGGC CGAA AGUCGAUC2642332507780AUCGACUU C GAUGAUGG8048CCAUCAUC CUGAUGAG GCCGUUAGGC CGAA AAGUCGAU26424		+		<del></del>		
32297801GGCGUGUU U UGCCGCUG8044CAGCGGCA CUGAUGAG GCCGUUAGGC CGAA AACACGCC2642032307800GCGUGUUU U GCCGCUGA8045UCAGCGGC CUGAUGAG GCCGUUAGGC CGAA AACACGC2642132447786UGAGCGAU C GACUUCGA8046UCGAAGUC CUGAUGAG GCCGUUAGGC CGAA AUCGCUCA2642232497781GAUCGACU U CGAUGAUG8047CAUCAUCG CUGAUGAG GCCGUUAGGC CGAA AGUCGAUC2642332507780AUCGACUU C GAUGAUGG8048CCAUCAUC CUGAUGAG GCCGUUAGGC CGAA AAGUCGAU26424	<u> </u>	<del></del>	<del></del>			
3230 7800 GCGUGUUU U GCCGCUGA 8045 UCAGCGGC CUGAUGAG GCCGUUAGGC CGAA AAACACGC 26421 3244 7786 UGAGCGAU C GACUUCGA 8046 UCGAAGUC CUGAUGAG GCCGUUAGGC CGAA AUCGCUCA 26422 3249 7781 GAUCGACU U CGAUGAUG 8047 CAUCAUCG CUGAUGAG GCCGUUAGGC CGAA AGUCGAUC 26423 3250 7780 AUCGACUU C GAUGAUGG 8048 CCAUCAUC CUGAUGAG GCCGUUAGGC CGAA AAGUCGAU 26424		<del></del>	ļ	<del> </del>		
3244 7786 UGAGCGAU C GACUUCGA 8046 UCGAAGUC CUGAUGAG GCCGUUAGGC CGAA AUCGCUCA 26422 3249 7781 GAUCGACU U CGAUGAUG 8047 CAUCAUCG CUGAUGAG GCCGUUAGGC CGAA AGUCGAUC 26423 3250 7780 AUCGACUU C GAUGAUGG 8048 CCAUCAUC CUGAUGAG GCCGUUAGGC CGAA AAGUCGAU 26424		7801		<del></del>		
3249 7781 GAUCGACU U CGAUGAUG 8047 CAUCAUCG CUGAUGAG GCCGUUAGGC CGAA AGUCGAUC 26423 3250 7780 AUCGACUU C GAUGAUGG 8048 CCAUCAUC CUGAUGAG GCCGUUAGGC CGAA AAGUCGAU 26424	<u> </u>	7800	<del></del>	<del> </del>		
3250 7780 AUCGACUU C GAUGAUGG 8048 CCAUCAUC CUGAUGAG GCCGUUAGGC CGAA AAGUCGAU 26424		7786		+		
		7781	<u> </u>	<del></del>		
3262 7768 GAUGGCCU C UUUGCGGU 8049 ACCGCAAA CUGAUGAG GCCGUUAGGC CGAA AGGCCAUC 26425	<u> </u>	7780	<u></u>	8048		26424
	3262	7768	GAUGGCCU C UUUGCGGU	8049	ACCGCAAA CUGAUGAG GCCGUUAGGC CGAA AGGCCAUC 2	26425

	W O 02	O 02/068637 Table VIII PC1/US01/48350							
3264	7766	UGGCCUCU U UGCGGUAC	8050	GUACCGCA	CUGAUGAG	GCCGUUAGGC	CGAA	AGAGGCCA	26426
3265	7765	GGCCUCUU U GCGGUACC	8051	GGUACCGC	CUGAUGAG	GCCGUUAGGC	CGAA	AAGAGGCC	26427
3271	7759	UUUGCGGU A CCUAGUGA	8052	UCACUAGG	CUGAUGAG	GCCGUUAGGC	CGAA	ACCGCAAA	26428
3275	7755	CGGUACCU A GUGAACUC	8053	GAGUUCAC	CUGAUGAG	GCCGUUAGGC	CGAA	AGGUACCG	26429
3283	7747	AGUGAACU C UUCUUUUG	8054	CAAAAGAA	CUGAUGAG	GCCGUUAGGC	CGAA	AGUUCACU	26430
3285	7745	UGAACUCU U CUUUUGUC	8055	GACAAAAG	CUGAUGAG	GCCGUUAGGC	CGAA	AGAGUUCA	26431
3286	7744	GAACUCUU C UUUUGUCA	8056	UGACAAAA	CUGAUGAG	GCCGUUAGGC	CGAA	AAGAGUUC	26432
3288	7742	ACUCUUCU U UUGUCAUC	8057	GAUGACAA	CUGAUGAG	GCCGUUAGGC	CGAA	AGAAGAGU	26433
3289	7741	CUCUUCUU U UGUCAUCU	8058	AGAUGACA	CUGAUGAG	GCCGUUAGGC	CGAA	AAGAAGAG	26434
3290	7740	UCUUCUUU U GUCAUCUG	8059	CAGAUGAC	CUGAUGAG	GCCGUUAGGC	CGAA	AAAGAAGA	26435
3293	7737	UCUUUUGU C AUCUGGUU	8060	AACCAGAU	CUGAUGAG	GCCGUUAGGC	CGAA	ACAAAAGA	26436
3296	7734	UUUGUCAU C UGGUUGAG	8061	CUCAACCA	CUGAUGAG	GCCGUUAGGC	CGAA	AUGACAAA	26437
3301	7729	CAUCUGGU U GAGUCUUU	8062	AAAGACUC	CUGAUGAG	GCCGUUAGGC	CGAA	ACCAGAUG	26438
3306	7724	GGUUGAGU C UUUCUUUC	8063	GAAAGAAA	CUGAUGAG	GCCGUUAGGC	CGAA	ACUCAACC	26439
3308	7722	UUGAGUCU U UCUUUCCA	8064	UGGAAAGA	CUGAUGAG	GCCGUUAGGC	CGAA	AGACUCAA	26440
3309	7721	UGAGUCUU U CUUUCCAA	8065	UUGGAAAG	CUGAUGAG	GCCGUUAGGC	CGAA	AAGACUCA	26441
3310	7720	GAGUCUUU C UUUCCAAA	8066	UUUGGAAA	CUGAUGAG	GCCGUUAGGC	CGAA	AAAGACUC	26442
3312	7718	GUCUUUCU U UCCAAACC	8067			GCCGUUAGGC			26443
3313	7717	UCUUUCUU U CCAAACCU	8068	AGGUUUGG	CUGAUGAG	GCCGUUAGGC	CGAA	AAGAAAGA	26444
3314	7716	CUUUCUUU C CAAACCUC	8069			GCCGUUAGGC			26445
3322	7708	CCAAACCU C UCCCAAGG	8070	CCUUGGGA	CUGAUGAG	GCCGUUAGGC	CGAA	AGGUUUGG	26446
3324	7706	AAACCUCU C CCAAGGUG	8071	CACCUUGG	CUGAUGAG	GCCGUUAGGC	CGAA	AGAGGUUU	26447
3336	7694	AGGUGCGU C CUUUUGCC	8072	GGCAAAAG	CUGAUGAG	GCCGUUAGGC	CGAA	ACGCACCU	26448
3339	7691	UGCGUCCU U UUGCCCCA	8073	UGGGGCAA	CUGAUGAG	GCCGUUAGGC	CGAA	AGGACGCA	26449
3340	7690	GCGUCCUU U UGCCCCAC	8074	GUGGGGCA	CUGAUGAG	GCCGUUAGGC	CGAA	AAGGACGC	26450
3341	7689	CGUCCUUU U GCCCCACC	8075	GGUGGGGC	CUGAUGAG	GCCGUUAGGC	CGAA	AAAGGACG	26451
3351	7679	CCCCACCU C UUUUUAGU	8076	ACUAAAAA	CUGAUGAG	GCCGUUAGGC	CGAA	AGGUGGGG	26452
3353	7677	CCACCUCU U UUUAGUCC	8077	GGACUAAA	CUGAUGAG	GCCGUUAGGC	CGAA	AGAGGUGG	26453
3354	7676	CACCUCUU U UUAGUCCU	8078	AGGACUAA	CUGAUGAG	GCCGUUAGGC	CGAA	AAGAGGUG	26454
3355	7675	ACCUCUUU U UAGUCCUG	8079	CAGGACUA	CUGAUGAG	GCCGUUAGGC	CGAA	AAAGAGGU	26455
3356	7674	CCUCUUUU U AGUCCUGG	8080	CCAGGACU	CUGAUGAG	GCCGUUAGGC	CGAA	AAAAGAGG	26456
3357	7673	CUCUUUUU A GUCCUGGU	8081	ACCAGGAC	CUGAUGAG	GCCGUUAGGC	CGAA	AAAAAGAG	26457
3360	7670	UUUUUAGU C CUGGUUUU	8082	AAAACCAG	CUGAUGAG	GCCGUUAGGC	CGAA	ACUAAAAA	26458
3366	7664	GUCCUGGU U UUUCCAUG	8083	CAUGGAAA	CUGAUGAG	GCCGUUAGGC	CGAA	ACCAGGAC	26459
3367	7663	UCCUGGUU U UUCCAUGU	8084	ACAUGGAA	CUGAUGAG	GCCGUUAGGC	CGAA	AACCAGGA	26460
3368	7662	CCUGGUUU U UCCAUGUU	8085	AACAUGGA	CUGAUGAG	GCCGUUAGGC	CGAA	AAACCAGG	26461
3369	7661	CUGGUUUU U CCAUGUUC	8086	GAACAUGG	CUGAUGAG	GCCGUUAGGC	CGAA	AAAACCAG	26462
3370	7660	UGGUUUUU C CAUGUUCU	8087	AGAACAUG	CUGAUGAG	GCCGUUAGGC	CGAA	AAAAACCA	26463
3376	7654	UUCCAUGU U CUUUAUGA	8088			GCCGUUAGGC			26464
3377	7653	UCCAUGUU C UUUAUGAG	8089			GCCGUUAGGC			26465
3379	7651	CAUGUUCU U UAUGAGUG	8090			GCCGUUAGGC			26466
3380	7650	AUGUUCUU U AUGAGUGU	8091			GCCGUUAGGC			26467
3381	7649	UGUUCUUU A UGAGUGUC	8092	GACACUCA	CUGAUGAG	GCCGUUAGGC	CGAA	AAAGAACA	26468
3389	7641	AUGAGUGU C CAUGUUAU	8093	AUAACAUG	CUGAUGAG	GCCGUUAGGC	CGAA	ACACUCAU	26469
3395	7635	GUCCAUGU U AUGGAUAG	8094	CUAUCCAU	CUGAUGAG	GCCGUUAGGC	CGAA	ACAUGGAC	26470
3396	7634	UCCAUGUU A UGGAUAGA	8095	UCUAUCCA	CUGAUGAG	GCCGUUAGGC	CGAA	AACAUGGA	26471
3402	7628	UUAUGGAU A GACAUGAC	8096			GCCGUUAGGC			26472
3441	7589	GGCAGAGU C CGAUGGCA	8097			GCCGUUAGGC			26473
3452	7578	AUGGCAGU U GUUGCGUU	8098	AACGCAAC	CUGAUGAG	GCCGUUAGGC	CGAA	ACUGCCAU	26474
3455	7575	GCAGUUGU U GCGUUCCA	8099			GCCGUUAGGC			26475
3460	7570	UGUUGCGU U CCAAACAG	8100			GCCGUUAGGC			26476
3461	7569	GUUGCGUU C CAAACAGA	8101			GCCGUUAGGC			26477
3473	7557	ACAGAGCU U GCUCCAUU	8102			GCCGUUAGGC			26478
3477	7553	AGCUUGCU C CAUUCUCC	8103			GCCGUUAGGC			26479
3481	7549	UGCUCCAU U CUCCCAAA	8104			GCCGUUAGGC			26480
3482	7548	GCUCCAUU C UCCCAAAG	8105			GCCGUUAGGC			26481
3484	7546	UCCAUUCU C CCAAAGCG	8106			GCCGUUAGGC			26482
3494	7536	CAAAGCGU C ACCGCUGC	8107			GCCGUUAGGC			26483
3512	7518	GCCGUGAU C AAAAUUCC	8108			GCCGUUAGGC			26484
3518	7512	AUCAAAAU U CCGGCUUC	8109			GCCGUUAGGC			26485
3519	7511	UCAAAAUU C CGGCUUCU	8110			GCCGUUAGGC			26486
3525	7505	UUCCGGCU U CUCGUACU	8111			GCCGUUAGGC			26487

	W O 02	/00803/	Table	e VIII	_	101	/0301	/48350	
3526	7504	UCCGGCUU C UCGUACUG	8112	CAGUACGA	CUGAUGAG	GCCGUUAGGC	CGAA	AAGCCGGA	26488
3528	7502	CGGCUUCU C GUACUGUC	8113	GACAGUAC	CUGAUGAG	GCCGUUAGGC	CGAA	AGAAGCCG	26489
3531	7499	CUUCUCGU A CUGUCUUC	8114	GAAGACAG	CUGAUGAG	GCCGUUAGGC	CGAA	ACGAGAAG	26490
3536	7494	CGUACUGU C UUCACAGA	8115	UCUGUGAA	CUGAUGAG	GCCGUUAGGC	CGAA	ACAGUACG	26491
3538	7492	UACUGUCU U CACAGACG	8116	CGUCUGUG	CUGAUGAG	GCCGUUAGGC	CGAA	AGACAGUA	26492
3539	7491	ACUGUCUU C ACAGACGG	8117	CCGUCUGU	CUGAUGAG	GCCGUUAGGC	CGAA	AAGACAGU	26493
3550	7480	AGACGGGU U CACUACUA	8118	UAGUAGUG	CUGAUGAG	GCCGUUAGGC	CGAA	ACCCGUCU	26494
3551	7479	GACGGGUU C ACUACUAC	8119	GUAGUAGU	CUGAUGAG	GCCGUUAGGC	CGAA	AACCCGUC	26495
3555	7475	GGUUCACU A CUACUGCA	8120	UGCAGUAG	CUGAUGAG	GCCGUUAGGC	CGAA	AGUGAACC	26496
3558	7472	UCACUACU A CUGCAGCU	8121	AGCUGCAG	CUGAUGAG	GCCGUUAGGC	CGAA	AGUAGUGA	26497
3567	7463	CUGCAGCU A GAGACACC	8122	GGUGUCUC	CUGAUGAG	GCCGUUAGGC	CGAA	AGCUGCAG	26498
3581	7449	ACCAAGAU C AGCAUGAU	8123	AUCAUGCU	CUGAUGAG	GCCGUUAGGC	CGAA	AUCUUGGU	26499
3590	7440	AGCAUGAU C UGUCCAAC	8124	GUUGGACA	CUGAUGAG	GCCGUUAGGC	CGAA	AUCAUGCU	26500
3594	7436	UGAUCUGU C CAACUUUC	8125	GAAAGUUG	CUGAUGAG	GCCGUUAGGC	CGAA	ACAGAUCA	26501
3600	7430	GUCCAACU U UCUUCUGC	8126	GCAGAAGA	CUGAUGAG	GCCGUUAGGC	CGAA	AGUUGGAC	26502
3601	7429	UCCAACUU U CUUCUGCA	8127	UGCAGAAG	CUGAUGAG	GCCGUUAGGC	CGAA	AAGUUGGA	26503
3602	7428	CCAACUUU C UUCUGCAU	8128	AUGCAGAA	CUGAUGAG	GCCGUUAGGC	CGAA	AAAGUUGG	26504
3604	7426	AACUUUCU U CUGCAUGA	8129	UCAUGCAG	CUGAUGAG	GCCGUUAGGC	CGAA	AGAAAGUU	26505
3605	7425	ACUUUCUU C UGCAUGAU	8130	AUCAUGCA	CUGAUGAG	GCCGUUAGGC	CGAA	AAGAAAGU	26506
3628	7402	GGUGCGCU C UAAUUCUG	8131	CAGAAUUA	CUGAUGAG	GCCGUUAGGC	CGAA	AGCGCACC	26507
3630	7400	UGCGCUCU A AUUCUGGG	8132	CCCAGAAU	CUGAUGAG	GCCGUUAGGC	CGAA	AGAGCGCA	26508
3633	7397	GCUCUAAU U CUGGGACG	8133	CGUCCCAG	CUGAUGAG	GCCGUUAGGC	CGAA	AUUAGAGC	26509
3634	7396	CUCUAAUU C UGGGACGU	8134			GCCGUUAGGC			26510
3643	7387	UGGGACGU C CGUGGCCA	8135	UGGCCACG	CUGAUGAG	GCCGUUAGGC			26511
3661	7369	GAUGCCAU C CACUACAG	8136			GCCGUUAGGC		AUGGCAUC	26512
3666	7364	CAUCCACU A CAGCGUUC	8137			GCCGUUAGGC			26513
3673	7357	UACAGCGU U CUUCAUGA	8138			GCCGUUAGGC			26514
3674	7356	ACAGCGUU C UUCAUGAU	8139	AUCAUGAA	CUGAUGAG	GCCGUUAGGC			26515
3676	7354	AGCGUUCU U CAUGAUUC	8140			GCCGUUAGGC		AGAACGCU	26516
3677	7353	GCGUUCUU C AUGAUUCC	8141			GCCGUUAGGC			26517
3683	7347	UUCAUGAU U CCGGCCGC	8142			GCCGUUAGGC			26518
3684	7346	UCAUGAUU C CGGCCGCU	8143			GCCGUUAGGC			26519
3695	7335	GCCGCUGU C CGCCGCUG	8144	<del></del>		GCCGUUAGGC		ACAGCGGC	26520
3716	7314	GAGCGCAU U GCCUCAGC	8145			GCCGUUAGGC		AUGCGCUC	26521
3721	7309	CAUUGCCU C AGCUUGCC	8146			GCCGUUAGGC			26522
3726	7304	CCUCAGCU U GCCAACCG	8147			GCCGUUAGGC			26523
3745	7285	AACCAUGU A GGCAUAGU	8148			GCCGUUAGGC		ACAUGGUU	26524
3751	7279	GUAGGCAU A GUGGCAAA	8149			GCCGUUAGGC		AUGCCUAC	26525
3770	7260	AGGAGUGU U GCCGCUGU	8150			GCCGUUAGGC		ACACUCCU	26526
3779	7251	GCCGCUGU U ACCGUAAC	8151	<del></del>		GCCGUUAGGC		ACAGCGGC	26527
3780	7250	CCGCUGUU A CCGUAACG	8152	<del></del>		GCCGUUAGGC		AACAGCGG	26528
3785	7245	GUUACCGU A ACGGUGAG	8153			GCCGUUAGGC			26529
3801	7229	GGGUGACU U GUCCCCAG	8154			GCCGUUAGGC			26530
3804	7226	UGACUUGU C CCCAGCAU  CCCAGCAU C CGGCUGCU	8155	<del></del>		GCCGUUAGGC GCCGUUAGGC			26531
3813	7217	CGGCUGCU A GCAGGAGA	8156	<del></del>		GCCGUUAGGC			26532
3840	7190	CCGACACU C CAACAUCG	8158	<del></del>		GCCGUUAGGC			26534
3847	7183	UCCAACAU C GACGAAGG	8159	<del></del>		GCCGUUAGGC			26535
3864	7166	GGAAGCCU C GCGCGAGU	8160		<del> </del>	GCCGUUAGGC			26536
3879	7151	GUGUGAAU A GUGCACUU	8161	<del> </del>		GCCGUUAGGC			26537
3887	7143	AGUGCACU U GCCUGAAC	8162	<del></del>		GCCGUUAGGC			26538
3898	7132	CUGAACGU U UAUUGAGG	8163	<del> </del>		GCCGUUAGGC			26539
3899	7131	UGAACGUU U AUUGAGGU	8164			GCCGUUAGGC			26540
3900	7130	GAACGUUU A UUGAGGUC	8165	<del></del>		GCCGUUAGGC			26541
3902	7128	ACGUUUAU U GAGGUCAA	8166			GCCGUUAGGC			26542
3908	7122	AUUGAGGU C AAUGAGGU	8167	<del></del>		GCCGUUAGGC			26543
3919	7111	UGAGGUGU U GAUGUAAU	8168			GCCGUUAGGC			26544
3925	7105	GUUGAUGU A AUCUGACG	8169	<del></del>		GCCGUUAGGC			26545
3928	7102	GAUGUAAU C UGACGUGA	8170		<u> </u>	GCCGUUAGGC			26546
3938	7092	GACGUGAU C AAAUGCUU	8171			GCCGUUAGGC			26547
3946	7084	CAAAUGCU U UAGCAGUG	8172	<del></del>		GCCGUUAGGC		AGCAUUUG	26548
3947	7083	AAAUGCUU U AGCAGUGG	8173	<del></del>		GCCGUUAGGC			26549
	1 . 303	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1	,	TOGNOGAG	- JCCGGGGGGG	CONA	- ANGUNOUU	120345

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3948	7082	AAUGCUUU A GCAGUGGA	8174	UCCACUGC CUGAUGAG GCCGUUAGGC CGAA AAAGCAUU	26550
3971	7059	ACCGCUGU U GUCACAGC	8175	GCUGUGAC CUGAUGAG GCCGUUAGGC CGAA ACAGCGGU	26551
3974	7056	GCUGUUGU C ACAGCGUA	8176	UACGCUGU CUGAUGAG GCCGUUAGGC CGAA ACAACAGC	26552
3982	7048	CACAGCGU A CAGUGACC	8177	GGUCACUG CUGAUGAG GCCGUUAGGC CGAA ACGCUGUG	26553
3998	7032	CAGGCUGU U GCCGGCCU	8178	AGGCCGGC CUGAUGAG GCCGUUAGGC CGAA ACAGCCUG	26554
4007	7023	GCCGGCCU C AAGUCCAA	8179	UUGGACUU CUGAUGAG GCCGUUAGGC CGAA AGGCCGGC	26555
4012	7018	CCUCAAGU C CAAAAGAA	8180	UUCUUUUG CUGAUGAG GCCGUUAGGC CGAA ACUUGAGG	26556
4024	7006	AAGAAACU C UCCCAUGC	8181	GCAUGGGA CUGAUGAG GCCGUUAGGC CGAA AGUUUCUU	26557
4026	7004	GAAACUCU C CCAUGCUG	8182	CAGCAUGG CUGAUGAG GCCGUUAGGC CGAA AGAGUUUC	26558
4039	6991	GCUGAAAU U CUCCUUGA	8183	UCAAGGAG CUGAUGAG GCCGUUAGGC CGAA AUUUCAGC	26559
4040	6990	CUGAAAUU C UCCUUGAC	8184	GUCAAGGA CUGAUGAG GCCGUUAGGC CGAA AAUUUCAG	26560
4042	6988	GAAAUUCU C CUUGACCU	8185	AGGUCAAG CUGAUGAG GCCGUUAGGC CGAA AGAAUUUC	26561
4045	6985	AUUCUCCU U GACCUCAA	8186	UUGAGGUC CUGAUGAG GCCGUUAGGC CGAA AGGAGAAU	26562
4051	6979	CUUGACCU C AAUUCUUU	8187	AAAGAAUU CUGAUGAG GCCGUUAGGC CGAA AGGUCAAG	26563
4055	6975	ACCUCAAU U CUUUGCCC	8188	GGGCAAAG CUGAUGAG GCCGUUAGGC CGAA AUUGAGGU	26564
4056	6974	CCUCAAUU C UUUGCCCA	8189	UGGGCAAA CUGAUGAG GCCGUUAGGC CGAA AAUUGAGG	26565
4058	6972	UCAAUUCU U UGCCCAAA	8190	UUUGGGCA CUGAUGAG GCCGUUAGGC CGAA AGAAUUGA	26566
4059	6971	CAAUUCUU U GCCCAAAC	8191	GUUUGGGC CUGAUGAG GCCGUUAGGC CGAA AAGAAUUG	26567
4076	6954	AAACUGCU U AUGUCACU	8192	AGUGACAU CUGAUGAG GCCGUUAGGC CGAA AGCAGUUU	26568
		AACUGCUU A UGUCACUC	8193	GAGUGACA CUGAUGAG GCCGUUAGGC CGAA AAGCAGUU	26569
4077	6953	GCUUAUGU C ACUCUUGG	8194	CCAAGAGU CUGAUGAG GCCGUUAGGC CGAA ACAUAAGC	26570
4081	6949	AUGUCACU C UUGGUCUU	8195	AAGACCAA CUGAUGAG GCCGUUAGGC CGAA AGUGACAU	26571
4085	6945	GUCACUCU U GGUCUUAU	8196	AVAGACCAA COGAUGAG GCCGUUAGGC CGAA AGAGUGAC	26572
4087	6943		(	CUAGAUAA CUGAUGAG GCCGUUAGGC CGAA ACCAAGAG	
4091	6939	CUCUUGGU C UUAUCUAG	8197		26573
4093	6937	CUUGGUCU U AUCUAGCC	8198	GGCUAGAU CUGAUGAG GCCGUUAGGC CGAA AGACCAAG	26574
4094	6936	UUGGUCUU A UCUAGCCA	8199	UGGCUAGA CUGAUGAG GCCGUUAGGC CGAA AAGACCAA	26575
4096	6934	GGUCUUAU C UAGCCAAC	8200	GUUGGCUA CUGAUGAG GCCGUUAGGC CGAA AUAAGACC	26576
4098	6932	UCUUAUCU A GCCAACCC	8201	GGGUUGGC CUGAUGAG GCCGUUAGGC CGAA AGAUAAGA	26577
4109	6921	CAACCCAU C UCGUUGGC	8202	GCCAACGA CUGAUGAG GCCGUUAGGC CGAA AUGGGUUG	26578
4111	6919	ACCCAUCU C GUUGGCUG	8203	CAGCCAAC CUGAUGAG GCCGUUAGGC CGAA AGAUGGGU	26579
4114	6916	CAUCUCGU U GGCUGCCA	8204	UGGCAGCC CUGAUGAG GCCGUUAGGC CGAA ACGAGAUG	26580
4130	6900	ACUGCGCU C ACAAGGGU	8205	ACCCUUGU CUGAUGAG GCCGUUAGGC CGAA AGCGCAGU	26581
4139	6891	ACAAGGGU C AUGACACA	8206	UGUGUCAU CUGAUGAG GCCGUUAGGC CGAA ACCCUUGU	26582
4151	6879	ACACAAAU C AGGAACAC	8207	GUGUUCCU CUGAUGAG GCCGUUAGGC CGAA AUUUGUGU	26583
4164	6866	ACACGGCU A GCUGGUUG	8208	CAACCAGC CUGAUGAG GCCGUUAGGC CGAA AGCCGUGU	26584
4171	6859	UAGCUGGU U GUCUGUCU	8209	AGACAGAC CUGAUGAG GCCGUUAGGC CGAA ACCAGCUA	26585
4174	6856	cneennen c nenchece	8210	CGCAGACA CUGAUGAG GCCGUUAGGC CGAA ACAACCAG	26586
4178	6852	UUGUCUGU C UGCGAACG	8211	CGUUCGCA CUGAUGAG GCCGUUAGGC CGAA ACAGACAA	26587
4188	6842	GCGAACGU U GCUUCUCU	8212	AGAGAAGC CUGAUGAG GCCGUUAGGC CGAA ACGUUCGC	26588
4192	6838	ACGUUGCU U CUCUGGCU	8213	AGCCAGAG CUGAUGAG GCCGUUAGGC CGAA AGCAACGU	26589
4193	6837	canneann a naneeana	8214	GAGCCAGA CUGAUGAG GCCGUUAGGC CGAA AAGCAACG	26590
4195	6835	UUGCUUCU C UGGCUCAG	8215	CUGAGCCA CUGAUGAG GCCGUUAGGC CGAA AGAAGCAA	26591
4201	6829	CUCUGGCU C AGGAAUUA	8216	UAAUUCCU CUGAUGAG GCCGUUAGGC CGAA AGCCAGAG	26592
4208	6822	UCAGGAAU U AGCACAAU	8217	AUUGUGCU CUGAUGAG GCCGUUAGGC CGAA AUUCCUGA	26593
4209	6821	CAGGAAUU A GCACAAUC	8218	GAUUGUGC CUGAUGAG GCCGUUAGGC CGAA AAUUCCUG	26594
4217	6813	AGCACAAU C AUCAAGAG	8219	CUCUUGAU CUGAUGAG GCCGUUAGGC CGAA AUUGUGCU	26595
4220	6810	ACAAUCAU C AAGAGAAG	8220	CUUCUCUU CUGAUGAG GCCGUUAGGC CGAA AUGAUUGU	26596
4244	6786	AGCAACAU U CCGGCGAU	8221	AUCGCCGG CUGAUGAG GCCGUUAGGC CGAA AUGUUGCU	26597
4245	6785	GCAACAUU C CGGCGAUC	8222	GAUCGCCG CUGAUGAG GCCGUUAGGC CGAA AAUGUUGC	26598
4253	6777	CCGGCGAU C UUCGUUCC	8223	GGAACGAA CUGAUGAG GCCGUUAGGC CGAA AUCGCCGG	26599
4255	6775	GGCGAUCU U CGUUCCUG	8224	CAGGAACG CUGAUGAG GCCGUUAGGC CGAA AGAUCGCC	26600
4256	6774	GCGAUCUU C GUUCCUGG	8225	CCAGGAAC CUGAUGAG GCCGUUAGGC CGAA AAGAUCGC	26601
4259	6771	AUCUUCGU U CCUGGAAC	8226	GUUCCAGG CUGAUGAG GCCGUUAGGC CGAA ACGAAGAU	26602
4260	6770	UCUUCGUU C CUGGAACU	8227	AGUUCCAG CUGAUGAG GCCGUUAGGC CGAA AACGAAGA	26603
4269	6761	CUGGAACU U CAGCCAUC	8228	GAUGGCUG CUGAUGAG GCCGUUAGGC CGAA AGUUCCAG	26604
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4277	6753	UCAGCCAU C CAACAGAA	8230	UUCUGUUG CUGAUGAG GCCGUUAGGC CGAA AUGGCUGA	26606
4292	6738	AAAAAGGU C GCGACUCC	8231	GGAGUCGC CUGAUGAG GCCGUUAGGC CGAA ACCUUUUU	26607
4299	6731	UCGCGACU C CCAAGACA	8232	UGUCUUGG CUGAUGAG GCCGUUAGGC CGAA AGUCGCGA	26608
4314	6716	CAGCGCCU C CCAAACCU	8233	AGGUUUGG CUGAUGAG GCCGUUAGGC CGAA AGGCGCUG	26609
4323	6707	CCAAACCU A UCUUUCCA	8234	UGGAAAGA CUGAUGAG GCCGUUAGGC CGAA AGGUUUGG	26610
4325	6705	AAACCUAU C UUUCCAAU	8235	AUUGGAAA CUGAUGAG GCCGUUAGGC CGAA AUAGGUUU	26611
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4327	6703	ACCUAUCU U UCCAAUGC	8236	GCAUUGGA CUGAUGAG GCCGUUAGGC CGAA AGAUAGGU	26612
	6702	CCUAUCUU U CCAAUGCC	8237	GGCAUUGG CUGAUGAG GCCGUUAGGC CGAA AAGAUAGG	26613
4328		CUAUCUUU C CAAUGCCC	8238	GGGCAUUG CUGAUGAG GCCGUUAGGC CGAA AAAGAUAG	26614
4329	6701	AAUGCCCU U CCGCUGCA	8239	UGCAGCGG CUGAUGAG GCCGUUAGGC CGAA AGAGAUU	<del></del>
4339	6691			<u></u>	26615
4340	6690	AUGCCCUU C CGCUGCAU	8240	AUGCAGCG CUGAUGAG GCCGUUAGGC CGAA AAGGGCAU	26616
4362	6668	GGAAGAAU A CUCCCAUG	8241	CAUGGGAG CUGAUGAG GCCGUUAGGC CGAA AUUCUUCC	26617
4365	6665	AGAAUACU C CCAUGGUC	8242	GACCAUGG CUGAUGAG GCCGUUAGGC CGAA AGUAUUCU	26618
4373	6657	CCCAUGGU C AUCACACU	8243	AGUGUGAU CUGAUGAG GCCGUUAGGC CGAA ACCAUGGG	26619
4376	6654	AUGGUCAU C ACACUCAA	8244	UUGAGUGU CUGAUGAG GCCGUUAGGC CGAA AUGACCAU	26620
4382	6648	AUCACACU C AAUAAGGC	8245	GCCUUAUU CUGAUGAG GCCGUUAGGC CGAA AGUGUGAU	26621
4386	6644	CACUCAAU A AGGCAAUC	8246	GAUUGCCU CUGAUGAG GCCGUUAGGC CGAA AUUGAGUG	26622
4394	6636	AAGGCAAU C AAGGCAAU	8247	AUUGCCUU CUGAUGAG GCCGUUAGGC CGAA AUUGCCUU	26623
4403	6627	AAGGCAAU U GUCUGAAG	8248	CUUCAGAC CUGAUGAG GCCGUUAGGC CGAA AUUGCCUU	26624
4406	6624	GCAAUUGU C UGAAGAGC	8249	GCUCUUCA CUGAUGAG GCCGUUAGGC CGAA ACAAUUGC	26625
4417	6613	AAGAGCAU C UGGCAGUU	8250	AACUGCCA CUGAUGAG GCCGUUAGGC CGAA AUGCUCUU	26626
4425	6605	CUGGCAGU U CCUCCAGG	8251	CCUGGAGG CUGAUGAG GCCGUUAGGC CGAA ACUGCCAG	26627
4426	6604	UGGCAGUU C CUCCAGGG	8252	CCCUGGAG CUGAUGAG GCCGUUAGGC CGAA AACUGCCA	26628
4429	6601	CAGUUCCU C CAGGGCCA	8253	UGGCCCUG CUGAUGAG GCCGUUAGGC CGAA AGGAACUG	26629
4439	6591	AGGGCCAU U CUGUGAGC	8254	GCUCACAG CUGAUGAG GCCGUUAGGC CGAA AUGGCCCU	26630
4440	6590	GGGCCAUU C UGUGAGCU	8255	AGCUCACA CUGAUGAG GCCGUUAGGC CGAA AAUGGCCC	26631
4449	6581	UGUGAGCU C UUCCUCCU	8256	AGGAGGAA CUGAUGAG GCCGUUAGGC CGAA AGCUCACA	26632
4451	6579	UGAGCUCU U CCUCCUUU	8257	AAAGGAGG CUGAUGAG GCCGUUAGGC CGAA AGAGCUCA	26633
4452	6578	GAGCUCUU C CUCCUUUC	8258	GAAAGGAG CUGAUGAG GCCGUUAGGC CGAA AAGAGCUC	26634
4455	6575	CUCUUCCU C CUUUCUCU	8259	AGAGAAAG CUGAUGAG GCCGUUAGGC CGAA AGGAAGAG	26635
4458	6572	UUCCUCCU U UCUCUGCA	8260	UGCAGAGA CUGAUGAG GCCGUUAGGC CGAA AGGAGGAA	26636
4459	6571	UCCUCCUU U CUCUGCAG	8261	CUGCAGAG CUGAUGAG GCCGUUAGGC CGAA AAGGAGGA	26637
4460	6570	CCUCCUUU C UCUGCAGU	8262	ACUGCAGA CUGAUGAG GCCGUUAGGC CGAA AAAGGAGG	26638
4462	6568	UCCUUUCU C UGCAGUGG	8263	CCACUGCA CUGAUGAG GCCGUUAGGC CGAA AGAAAGGA	26639
4480	6550	CACAACGU A CAUGGUGU	8264	ACACCAUG CUGAUGAG GCCGUUAGGC CGAA ACGUUGUG	26640
4489	6541	CAUGGUGU C AAGUGCUU	8265	AAGCACUU CUGAUGAG GCCGUUAGGC CGAA ACACCAUG	26641
4497	6533	CAAGUGCU U CCCAUGUC	8266	GACAUGGG CUGAUGAG GCCGUUAGGC CGAA AGCACUUG	26642
4498	6532	AAGUGCUU C CCAUGUCU	8267	AGACAUGG CUGAUGAG GCCGUUAGGC CGAA AAGCACUU	26643
4505	6525	UCCCAUGU C UUCCCCAU	8268	AUGGGGAA CUGAUGAG GCCGUUAGGC CGAA ACAUGGGA	26644
4507	6523	CCAUGUCU U CCCCAUGA	8269	UCAUGGG CUGAUGAG GCCGUUAGGC CGAA AGACAUGG	26645
4508	6522	CAUGUCUU C CCCAUGAA	8270	UUCAUGGG CUGAUGAG GCCGUUAGGC CGAA AAGACAUG	26646
4522	6508	GAAGUGCU C AGGCAUCU	8271	AGAUGCCU CUGAUGAG GCCGUUAGGC CGAA AGCACUUC	26647
4529	6501	UCAGGCAU C UUUCCCAG	8272	CUGGGAAA CUGAUGAG GCCGUUAGGC CGAA AUGCCUGA	26648
4531	6499	AGGCAUCU U UCCCAGAA	8273	UUCUGGGA CUGAUGAG GCCGUUAGGC CGAA AGAUGCCU	26649
4532	6498	GGCAUCUU U CCCAGAAC	8274	GUUCUGGG CUGAUGAG GCCGUUAGGC CGAA AAGAUGCC	26650
	6497	GCAUCUUU C CCAGAACC	8275	GGUUCUGG CUGAUGAG GCCGUUAGGC CGAA AAAGAUGC	26651
4533			<del></del>	GGCUCAUU CUGAUGAG GCCGUUAGGC CGAA AGGUUCUG	+
4543	6487	CAGAACCU C AAUGAGCC	8276		26652
	6476	UGAGCCCU A UCUGAGAA	8277	UUCUCAGA CUGAUGAG GCCGUUAGGC CGAA AGGGCUCA	
4556	6474	AGCCCUAU C UGAGAACG	8278	CGUUCUCA CUGAUGAG GCCGUUAGGC CGAA AUAGGGCU	26654
4566	6464	GAGAACGU U UUCCCGAG	8279	CUCGGGAA CUGAUGAG GCCGUUAGGC CGAA ACGUUCUC	26655
4567	6463	AGAACGUU U UCCCGAGG	8280	CCUCGGGA CUGAUGAG GCCGUUAGGC CGAA AACGUUCU	26656
4568	6462	GAACGUUU U CCCGAGGC	8281	GCCUCGGG CUGAUGAG GCCGUUAGGC CGAA AAACGUUC	26657
4569	6461	AACGUUUU C CCGAGGCG	8282	CGCCUCGG CUGAUGAG GCCGUUAGGC CGAA AAAACGUU	26658
4582	6448	GGCGAAGU C CUUGAACG	8283	CGUUCAAG CUGAUGAG GCCGUUAGGC CGAA ACUUCGCC	26659
4585	6445	GAAGUCCU U GAACGCCU	8284	AGGCGUUC CUGAUGAG GCCGUUAGGC CGAA AGGACUUC	26660
4594	6436	GAACGCCU U UAGUGCCU	8285	AGGCACUA CUGAUGAG GCCGUUAGGC CGAA AGGCGUUC	26661
4595	6435	AACGCCUU U AGUGCCUG	8286	CAGGCACU CUGAUGAG GCCGUUAGGC CGAA AAGGCGUU	26662
4596	6434	ACGCCUUU A GUGCCUGG	8287	CCAGGCAC CUGAUGAG GCCGUUAGGC CGAA AAAGGCGU	26663
4609	6421	CUGGUGAU C CGAGUACA	8288	UGUACUCG CUGAUGAG GCCGUUAGGC CGAA AUCACCAG	26664
4615	6415	AUCCGAGU A CACCCUGG	8289	CCAGGGUG CUGAUGAG GCCGUUAGGC CGAA ACUCGGAU	26665
4627	6403	CCUGGCGU C AAUCCAGC	8290	GCUGGAUU CUGAUGAG GCCGUUAGGC CGAA ACGCCAGG	26666
4631	6399	GCGUCAAU C CAGCGCGG	8291	CCGCGCUG CUGAUGAG GCCGUUAGGC CGAA AUUGACGC	26667
4643	6387	CGCGGCCU C AGAAUCUU	8292	AAGAUUCU CUGAUGAG GCCGUUAGGC CGAA AGGCCGCG	26668
4649	6381	CUCAGAAU C UUCCUUUC	8293	GAAAGGAA CUGAUGAG GCCGUUAGGC CGAA AUUCUGAG	26669
4651	6379	CAGAAUCU U CCUUUCAC	8294	GUGAAAGG CUGAUGAG GCCGUUAGGC CGAA AGAUUCUG	26670
4652	6378	AGAAUCUU C CUUUCACC	8295	GGUGAAAG CUGAUGAG GCCGUUAGGC CGAA AAGAUUCU	26671
4655	6375	AUCUUCCU U UCACCAAG	8296	CUUGGUGA CUGAUGAG GCCGUUAGGC CGAA AGGAAGAU	26672
4656	6374	UCUUCCUU U CACCAAGC	8297	GCUUGGUG CUGAUGAG GCCGUUAGGC CGAA AAGGAAGA	26673
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Table VIII

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4657	6373	CUUCCUUU C ACCAAGCU	8298	AGCUUGGU CUGAUGAG GCCGUUAGGC CGAA AAAGGAAG	26674
4666	6364	ACCAAGCU U CGUGAUGA	8299	UCAUCACG CUGAUGAG GCCGUUAGGC CGAA AGCUUGGU	26675
4667	6363	CCAAGCUU C GUGAUGAC	8300	GUCAUCAC CUGAUGAG GCCGUUAGGC CGAA AAGCUUGG	26676
4677	6353	UGAUGACU U CCACUUCG	8301	CGAAGUGG CUGAUGAG GCCGUUAGGC CGAA AGUCAUCA	26677
4678	6352	GAUGACUU C CACUUCGU	8302	ACGAAGUG CUGAUGAG GCCGUUAGGC CGAA AAGUCAUC	26678
4683	6347	CUUCCACU U CGUUGUUG	8303	CAACAACG CUGAUGAG GCCGUUAGGC CGAA AGUGGAAG	26679
4684	6346	UUCCACUU C GUUGUUGU	8304	ACAACAAC CUGAUGAG GCCGUUAGGC CGAA AAGUGGAA	26680
4687	6343	CACUUCGU U GUUGUCUU	8305	AAGACAAC CUGAUGAG GCCGUUAGGC CGAA ACGAAGUG	26681
4690	6340	UUCGUUGU U GUCUUCUA	8306	UAGAAGAC CUGAUGAG GCCGUUAGGC CGAA ACAACGAA	26682
4693	6337	GUUGUUGU C UUCUAAAA	8307	UUUUAGAA CUGAUGAG GCCGUUAGGC CGAA ACAACAAC	26683
4695	6335	UGUUGUCU U CUAAAAUU	8308	AAUUUUAG CUGAUGAG GCCGUUAGGC CGAA AGACAACA	26684
4696	6334	GUUGUCUU C UAAAAUUG	8309	CAAUUUUA CUGAUGAG GCCGUUAGGC CGAA AAGACAAC	26685
4698	6332	UGUCUUCU A AAAUUGUG	8310	CACAAUUU CUGAUGAG GCCGUUAGGC CGAA AGAAGACA	26686
4703	6327	UCUAAAAU U GUGUUUGU	8311	ACAAACAC CUGAUGAG GCCGUUAGGC CGAA AUUUUAGA	26687
4708	6322	AAUUGUGU U UGUCCUAG	8312	CUAGGACA CUGAUGAG GCCGUUAGGC CGAA ACACAAUU	26688
4709	6321	AUUGUGUU U GUCCUAGG	8313	CCUAGGAC CUGAUGAG GCCGUUAGGC CGAA AACACAAU	26689
			8314	GGUCCUAG CUGAUGAG GCCGUUAGGC CGAA ACAAACAC	26690
4712	6318	GUGUUUGU C CUAGGACC		GAUGGUCC CUGAUGAG GCCGUUAGGC CGAA AGGACAAA	26691
4715	6315	UUUGUCCU A GGACCAUC	8315	GGUGCUUU CUGAUGAG GCCGUUAGGC CGAA AUGGUCCU	26692
4723	6307	AGGACCAU C AAAGCACC	8316		
4736	6294	CACCACCU C CGGUCGUG	8317	CACGACCG CUGAUGAG GCCGUUAGGC CGAA AGGUGGUG	26693
4741	6289	CCUCCGGU C GUGGUAUG	8318	CAUACCAC CUGAUGAG GCCGUUAGGC CGAA ACCGGAGG	26694
4747	6283	GUCGUGGU A UGACACUC	8319	GAGUGUCA CUGAUGAG GCCGUUAGGC CGAA ACCACGAC	26695
4755	6275	AUGACACU C CAGCCGCU	8320	AGCGGCUG CUGAUGAG GCCGUUAGGC CGAA AGUGUCAU	26696
4771	6259	UGCAACCU U GUAAGCCA	8321	UGGCUUAC CUGAUGAG GCCGUUAGGC CGAA AGGUUGCA	26697
4774	6256	AACCUUGU A AGCCAGCC	8322	GGCUGGCU CUGAUGAG GCCGUUAGGC CGAA ACAAGGUU	26698
4795	6235	UGGCAGAU C UGCAGUCC	8323	GGACUGCA CUGAUGAG GCCGUUAGGC CGAA AUCUGCCA	26699
4802	6228	UCUGCAGU C CUCAACAG	8324	CUGUUGAG CUGAUGAG GCCGUUAGGC CGAA ACUGCAGA	26700
4805	6225	GCAGUCCU C AACAGUUC	8325	GAACUGUU CUGAUGAG GCCGUUAGGC CGAA AGGACUGC	26701
4812	6218	UCAACAGU U CCAGAAAG	8326	CUUUCUGG CUGAUGAG GCCGUUAGGC CGAA ACUGUUGA	26702
4813	6217	CAACAGUU C CAGAAAGU	8327	ACUUUCUG CUGAUGAG GCCGUUAGGC CGAA AACUGUUG	26703
4822	6208	CAGAAAGU U UUUUCUCU	8328	AGAGAAAA CUGAUGAG GCCGUUAGGC CGAA ACUUUCUG	26704
4823	6207	AGAAAGUU U UUUCUCUC	8329	GAGAGAAA CUGAUGAG GCCGUUAGGC CGAA AACUUUCU	26705
4824	6206	GAAAGUUU U UUCUCUCU	8330	AGAGAGAA CUGAUGAG GCCGUUAGGC CGAA AAACUUUC	26706
4825	6205	AAAGUUUU U UCUCUCUU	8331	AAGAGAGA CUGAUGAG GCCGUUAGGC CGAA AAAACUUU	26707
4826	6204	AAGUUUUU U CUCUCUUC	8332	GAAGAGAG CUGAUGAG GCCGUUAGGC CGAA AAAAACUU	26708
4827	6203	AGUUUUUU C UCUCUUCU	8333	AGAAGAGA CUGAUGAG GCCGUUAGGC CGAA AAAAAACU	26709
4829	6201	טטטטטטכט כ טכטטכטככ	8334	GGAGAAGA CUGAUGAG GCCGUUAGGC CGAA AGAAAAAA	26710
4831	6199	UUUUCUCU C UUCUCCUC	8335	GAGGAGAA CUGAUGAG GCCGUUAGGC CGAA AGAGAAAA	26711
4833	6197	UUCUCUCU U CUCCUCUG	8336	CAGAGGAG CUGAUGAG GCCGUUAGGC CGAA AGAGAGAA	26712
4834	6196	UCUCUCUU C UCCUCUGA	8337	UCAGAGGA CUGAUGAG GCCGUUAGGC CGAA AAGAGAGA	26713
4836	6194	UCUCUUCU C CUCUGAGC	8338	GCUCAGAG CUGAUGAG GCCGUUAGGC CGAA AGAAGAGA	26714
4839	6191	CUUCUCCU C UGAGCCGG	8339	CCGGCUCA CUGAUGAG GCCGUUAGGC CGAA AGGAGAAG	26715
4849	6181	GAGCCGGU A UUCCCCAU	8340	AUGGGGAA CUGAUGAG GCCGUUAGGC CGAA ACCGGCUC	26716
4851	6179	GCCGGUAU U CCCCAUCC	8341	GGAUGGGG CUGAUGAG GCCGUUAGGC CGAA AUACCGGC	26717
4852	6178	CCGGUAUU C CCCAUCCA	8342	UGGAUGGG CUGAUGAG GCCGUUAGGC CGAA AAUACCGG	26718
4858	6172	UUCCCCAU C CAUGGUAU	8343	AUACCAUG CUGAUGAG GCCGUUAGGC CGAA AUGGGGAA	26719
4865	6165	UCCAUGGU A UAUACCUU	8344	AAGGUAUA CUGAUGAG GCCGUUAGGC CGAA ACCAUGGA	26720
4867	6163	CAUGGUAU A UACCUUCU	8345	AGAAGGUA CUGAUGAG GCCGUUAGGC CGAA AUACCAUG	26721
4869	6161	UGGUAUAU A CCUUCUCA	8346	UGAGAAGG CUGAUGAG GCCGUUAGGC CGAA AUAUACCA	26722
			<del></del>	AGCGUGAG CUGAUGAG GCCGUUAGGC CGAA AGGUAUAU	26723
4873	6157	AUAUACCU U CUCACGCU	8347	GAGCGUGA CUGAUGAG GCCGUUAGGC CGAA AAGGUAUA	<del></del>
4874	6156	UAUACCUU C UCACGCUC	8348		26724
4876	6154	UACCUUCU C ACGCUCUG	8349	CAGAGCGU CUGAUGAG GCCGUUAGGC CGAA AGAAGGUA	26725
4882	6148	CUCACGCU C UGGUUGGU	8350	ACCAACCA CUGAUGAG GCCGUUAGGC CGAA AGCGUGAG	26726
4887	6143	GCUCUGGU U GGUAGAAU	8351	AUUCUACC CUGAUGAG GCCGUUAGGC CGAA ACCAGAGC	26727
4891	6139	UGGUUGGU A GAAUUGAG	8352	CUCAAUUC CUGAUGAG GCCGUUAGGC CGAA ACCAACCA	26728
4896	6134	GGUAGAAU U GAGCGAUC	8353	GAUCGCUC CUGAUGAG GCCGUUAGGC CGAA AUUCUACC	26729
4904	6126	UGAGCGAU C AGUCCGUU	8354	AACGGACU CUGAUGAG GCCGUUAGGC CGAA AUCGCUCA	26730
4908	6122	CGAUCAGU C CGUUUGGC	8355	GCCAAACG CUGAUGAG GCCGUUAGGC CGAA ACUGAUCG	26731
4912	6118	CAGUCCGU U UGGCAUGU	8356	ACAUGCCA CUGAUGAG GCCGUUAGGC CGAA ACGGACUG	26732
4913	6117	AGUCCGUU U GGCAUGUU	8357	AACAUGCC CUGAUGAG GCCGUUAGGC CGAA AACGGACU	26733
4921	6109	UGGCAUGU U GAUGUUGU	8358	ACAACAUC CUGAUGAG GCCGUUAGGC CGAA ACAUGCCA	26734
4927	6103	GUUGAUGU U GUCCAGCA	8359	UGCUGGAC CUGAUGAG GCCGUUAGGC CGAA ACAUCAAC	26735

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		CANTON CONTRACTOR		UCAUGCUG CUGAUGAG GCCGUUAGGC CGAA ACAACAUC	26726
4930	6100	GAUGUUGU C CAGCAUGA	8360		26736
4940	6090	AGCAUGAU U CGUGCCUC	8361	GAGGCACG CUGAUGAG GCCGUUAGGC CGAA AUCAUGCU	26737
4941	6089	GCAUGAUU C GUGCCUCA	8362	UGAGGCAC CUGAUGAG GCCGUUAGGC CGAA AAUCAUGC	26738
4948	6082	UCGUGCCU C AGUCCAAU	8363	AUUGGACU CUGAUGAG GCCGUUAGGC CGAA AGGCACGA	26739
4952	6078	GCCUCAGU C CAAUGGGC	8364	GCCCAUUG CUGAUGAG GCCGUUAGGC CGAA ACUGAGGC	26740
4966	6064	GGCGAAGU U CGAGUCGU	8365	ACGACUCG CUGAUGAG GCCGUUAGGC CGAA ACUUCGCC	26741
4967	6063	GCGAAGUU C GAGUCGUC	8366	GACGACUC CUGAUGAG GCCGUUAGGC CGAA AACUUCGC	26742
		GUUCGAGU C GUCUUCAU	8367	AUGAAGAC CUGAUGAG GCCGUUAGGC CGAA ACUCGAAC	26743
4972	6058				
4975	6055	CGAGUCGU C UUCAUUCG	8368	CGAAUGAA CUGAUGAG GCCGUUAGGC CGAA ACGACUCG	26744
4977	6053	AGUCGUCU U CAUUCGUG	8369	CACGAAUG CUGAUGAG GCCGUUAGGC CGAA AGACGACU	26745
4978	6052	GUCGUCUU C AUUCGUGU	8370	ACACGAAU CUGAUGAG GCCGUUAGGC CGAA AAGACGAC	26746
4981	6049	GUCUUCAU U CGUGUGCC	8371	GGCACACG CUGAUGAG GCCGUUAGGC CGAA AUGAAGAC	26747
4982	6048	UCUUCAUU C GUGUGCCC	8372	GGGCACAC CUGAUGAG GCCGUUAGGC CGAA AAUGAAGA	26748
4996	6034	CCCCCAU A ACAGUACU	8373	AGUACUGU CUGAUGAG GCCGUUAGGC CGAA AUGGGGGG	26749
5002	6028	AUAACAGU A CUCAUCAC	8374	GUGAUGAG CUGAUGAG GCCGUUAGGC CGAA ACUGUUAU	26750
5005	6025	ACAGUACU C AUCACCAA	8375	UUGGUGAU CUGAUGAG GCCGUUAGGC CGAA AGUACUGU	26751
<b></b>			8376	AAGUUGGU CUGAUGAG GCCGUUAGGC CGAA AUGAGUAC	26752
5008	6022	GUACUCAU C ACCAACUU			
5016	6014	CACCAACU U GCGACGGA	8377	UCCGUCGC CUGAUGAG GCCGUUAGGC CGAA AGUUGGUG	26753
5026	6004	CGACGGAU U UCUACCGA	8378	UCGGUAGA CUGAUGAG GCCGUUAGGC CGAA AUCCGUCG	26754
5027	6003	GACGGAUU U CUACCGAU	8379	AUCGGUAG CUGAUGAG GCCGUUAGGC CGAA AAUCCGUC	26755
5028	6002	ACGGAUUU C UACCGAUA	8380	UAUCGGUA CUGAUGAG GCCGUUAGGC CGAA AAAUCCGU	26756
5030	6000	GGAUUUCU A CCGAUACG	8381	CGUAUCGG CUGAUGAG GCCGUUAGGC CGAA AGAAAUCC	26757
5036	5994	CUACCGAU A CGUCCACG	8382	CGUGGACG CUGAUGAG GCCGUUAGGC CGAA AUCGGUAG	26758
5040	5990	CGAUACGU C CACGUCUC	8383	GAGACGUG CUGAUGAG GCCGUUAGGC CGAA ACGUAUCG	26759
5046	5984	GUCCACGU C UCUGGGCG	8384	CGCCCAGA CUGAUGAG GCCGUUAGGC CGAA ACGUGGAC	26760
<del></del>			8385	GCCGCCCA CUGAUGAG GCCGUUAGGC CGAA AGACGUGG	26761
5048	5982	CCACGUCU C UGGGCGGC			
5060	5970	GCGGCACU A GCUGCUGU	8386	ACAGCAGC CUGAUGAG GCCGUUAGGC CGAA AGUGCCGC	26762
5069	5961	GCUGCUGU C ACUGCAGA	8387	UCUGCAGU CUGAUGAG GCCGUUAGGC CGAA ACAGCAGC	26763
5082	594B	CAGAUGGU U CUCCCAGG	8388	CCUGGGAG CUGAUGAG GCCGUUAGGC CGAA ACCAUCUG	26764
5083	5947	AGAUGGUU C UCCCAGGA	8389	UCCUGGGA CUGAUGAG GCCGUUAGGC CGAA AACCAUCU	26765
5085	5945	AUGGUUCU C CCAGGAUC	8390	GAUCCUGG CUGAUGAG GCCGUUAGGC CGAA AGAACCAU	26766
5093	5937	CCCAGGAU C ACUCUCCC	8391	GGGAGAGU CUGAUGAG GCCGUUAGGC CGAA AUCCUGGG	26767
5097	5933	GGAUCACU C UCCCUUCU	8392	AGAAGGGA CUGAUGAG GCCGUUAGGC CGAA AGUGAUCC	26768
5099	5931	AUCACUCU C CCUUCUCC	8393	GGAGAAGG CUGAUGAG GCCGUUAGGC CGAA AGAGUGAU	26769
5103	5927	CUCUCCCU U CUCCUUCU	8394	AGAAGGAG CUGAUGAG GCCGUUAGGC CGAA AGGGAGAG	26770
			8395	CAGAAGGA CUGAUGAG GCCGUUAGGC CGAA AAGGGAGA	26771
5104	5926	UCUCCCUU C UCCUUCUG			
5106	5924	UCCCUUCU C CUUCUGUU	8396	AACAGAAG CUGAUGAG GCCGUUAGGC CGAA AGAAGGGA	26772
5109	5921	CUUCUCCU U CUGUUAUG	8397	CAUAACAG CUGAUGAG GCCGUUAGGC CGAA AGGAGAAG	26773
5110	5920	UUCUCCUU C UGUUAUGA	8398	UCAUAACA CUGAUGAG GCCGUUAGGC CGAA AAGGAGAA	26774
5114	5916	CCUUCUGU U AUGAUGGU	8399	ACCAUCAU CUGAUGAG GCCGUUAGGC CGAA ACAGAAGG	26775
5115	5915	CUUCUGUU A UGAUGGUU	8400	AACCAUCA CUGAUGAG GCCGUUAGGC CGAA AACAGAAG	26776
5123	5907	AUGAUGGU U GGUUUCAC	8401	GUGAAACC CUGAUGAG GCCGUUAGGC CGAA ACCAUCAU	26777
5127	5903	UGGUUGGU U UCACACUC	8402	GAGUGUGA CUGAUGAG GCCGUUAGGC CGAA ACCAACCA	26778
5128	5902	GGUUGGUU U CACACUCU	8403	AGAGUGUG CUGAUGAG GCCGUUAGGC CGAA AACCAACC	26779
5129	5901	GUUGGUUU C ACACUCUU	8404	AAGAGUGU CUGAUGAG GCCGUUAGGC CGAA AAACCAAC	26780
5135	5895	UUCACACU C UUCCGGCU	8405	AGCCGGAA CUGAUGAG GCCGUUAGGC CGAA AGUGUGAA	26781
			<del></del>		
5137	5893	CACACUCU U CCGGCUGU	8406	ACAGCCGG CUGAUGAG GCCGUUAGGC CGAA AGAGUGUG	26782
5138	5892	ACACUCUU C CGGCUGUC	8407	GACAGCCG CUGAUGAG GCCGUUAGGC CGAA AAGAGUGU	26783
5146	5884	CCGGCUGU C AAUCACCC	8408	GGGUGAUU CUGAUGAG GCCGUUAGGC CGAA ACAGCCGG	26784
5150	5880	CUGUCAAU C ACCCUGCU	8409	AGCAGGGU CUGAUGAG GCCGUUAGGC CGAA AUUGACAG	26785
5159	5871	ACCCUGCU C GCCUUGAA	8410	UUCAAGGC CUGAUGAG GCCGUUAGGC CGAA AGCAGGGU	26786
5164	5866	GCUCGCCU U GAAGUUAG	8411	CUAACUUC CUGAUGAG GCCGUUAGGC CGAA AGGCGAGC	26787
5170	5860	CUUGAAGU U AGCCCCCA	8412	UGGGGGCU CUGAUGAG GCCGUUAGGC CGAA ACUUCAAG	26788
5171	5859	UUGAAGUU A GCCCCCAU	8413	AUGGGGC CUGAUGAG GCCGUUAGGC CGAA AACUUCAA	26789
5180	5850	GCCCCAU U UCAGAUAU	8414	AUAUCUGA CUGAUGAG GCCGUUAGGC CGAA AUGGGGGC	26790
5181	5849	CCCCCAUU U CAGAUAUG	<del></del>	CAUAUCUG CUGAUGAG GCCGUUAGGC CGAA AAUGGGGG	
<del></del>			8415	<u> </u>	26791
5182	5848	CCCCAUUU C AGAUAUGU	8416	ACAUAUCU CUGAUGAG GCCGUUAGGC CGAA AAAUGGGG	26792
5187	5843	UUUCAGAU A UGUCUGUU	8417	AACAGACA CUGAUGAG GCCGUUAGGC CGAA AUCUGAAA	26793
5191	5839	AGAUAUGU C UGUUGUGA	8418	UCACAACA CUGAUGAG GCCGUUAGGC CGAA ACAUAUCU	26794
5195	5835	AUGUCUGU U GUGAUAAC	8419	GUUAUCAC CUGAUGAG GCCGUUAGGC CGAA ACAGACAU	26795
5201	5829	GUUGUGAU A ACAAAGUC	8420	GACUUUGU CUGAUGAG GCCGUUAGGC CGAA AUCACAAC	26796
5209	5821	AACAAAGU C CCAAUCAU	8421	AUGAUUGG CUGAUGAG GCCGUUAGGC CGAA ACUUUGUU	26797
			<del></del>		لنتب

S218   S815   S815   SUCCCADU C AUCCUULC   8422   AGANCGAU CUGAUGAG   GCOGULAGGC   CGAA AUGAGGAC   2675
S225   S805
S229   S801   UCUIACAU U UUGGGUACU   8428   GUACCCA CUGAUGAG GCCGULAGGC CGAA AUGUAAG   268   S230   S800   CUUACAUU U UGGGUACU   8430   AGUIACCA CUGAUGAG GCCGULAGGC CGAA AAUGUAAG   268   S231   S799   UUUACAUUU U GGGUACUC   8431   AGACGGAG CUGAUGAG GCCGULAGGC CGAA AAUGUAAG   268   S236   S794   UUUUGGGU A CUCCGUCU   8431   AGACGGAG CUGAUGAG GCCGULAGGC CGAA AAUGUAAG   268   S239   S791   UUGGGUACU C CUCCUCU   8432   AGACGAG CUGAUGAG GCCGULAGGC CGAA AAUGUAAG   268   S239   S797   UUGCCGUC C GUACAGA   8432   AGAGGAC CUGAUGAG GCCGULAGGC CGAA AACGCAAA   268   S243   S787   UUCCCGUC C GUACAGA   8432   AGUCGUAC CUGAUGAG GCCGULAGGC CGAA ACGGAGC   268   S245   S785   CUCCGUCU C GUACAGAC   8434   AGUCGUA C CUGAUGAG GCCGULAGGC CGAA ACGGAGC   268   S248   S787   CUCCGUCU C GUACAGAC   8435   GAAAGUG CUGAUGAG GCCGULAGGC CGAA ACGGAGC   268   S248   S782   CGUCCUGU A CGACCUUC   8435   GAAAGUG CUGAUGAG GCCGULAGGC CGAA ACGGAGC   268   S248   S782   CGUCCUGU C UCUCUCA   8435   GAAAGUG CUGAUGAG GCCGULAGGC CGAA ACGGAGC   268   S255   S775   UUCGACUU C UCUCUCA   8435   GAAAGUG CUGAUGAG GCCGULAGGC CGAA AAGUCGUA   268   S255   S774   ACCGACUU C UCUCUCA   8435   GAAGCGAG CUGAUGAG GCCGULAGGC CGAA AAGUCGUA   268   S256   S774   ACCGACUU C UCUCUCA   8437   UUGAACA CUGAUGAG GCCGULAGGC CGAA AAGUCGUA   268   S256   S775   UUCUCUGU U CAAUUGAA   8439   UCCAAUUG CUGAUGAG GCCGULAGGC CGAA AAGUCGU   268   S261   S756   UUCUCUGU U CAAUUGAA   8439   UCCAAUU CUGAUGAG GCCGULAGGC CGAA AAGUCGU   268   S261   S756   UUCUCUGU U CAAUUGAC   8441   AGUAGUCC CUGAUGAG GCCGULAGGC CGAA AAGUCG   268   S276   S756   UUCUCUGU U CAAUUGAC   8441   AGUAGUCC CUGAUGAG GCCGULAGGC CGAA ACGGAA   268   S276   S757   ACCGACUU U CUUUCCA   8441   AGUAGUCC CUGAUGAG GCCGULAGGC CGAA ACGGAA   268   S276   S755   ACCGACUU U CUUUCCA   8445   GUGCGAAA CUGAUGAG GCCGULAGGC CGAA ACGGAC   268   S276   S755   ACCGACUU U CUUUCCA   8445   GUGCGAAA CUGAUGAG GCCGULAGGC CGAA AAGUGCU   268   S276   S757   ACCGACUU U CUUUCCA   8445   GUGCGAAA CUGAUGAG GCCGULAGGC CGAA AAGUGC   268   S276   S757
\$230   \$800
S231   S799
5236         5794         UUUUGGGU C CGUCUGUU B432         AGAGGAG CUGAUGAG GCGUUAGGC CAA AGACCAAAA         268           5239         5797         UUGGGUCU C CGUCUGUU B432         ACGAGAGG CUGAUGAG GCGUUAGGC CAA AGACCCA         268           5243         5787         UACUCCGU C UCGUACGA         8433         MCGAGGA CUGAUGAG         CAA         268           5245         5785         CUCCGUCU C GUACGACU         8434         AGUCGUAC CUGAUGAG         CGAA AGACGGAC         268           5248         5785         CUCCGUCU C GUACGACU         8435         GAAAGGC CUGAUGAG         CGAA AGACGGAC         268           5245         5776         GUACGACU U UCUGUUCA         8436         GGAACGGACGGGCGUUAGGC         CGAA AGUCGUAC         266           5255         5776         GUACGACU U UCUGUUCAA         8437         UUGAACGAG CUGAUGAG         CGCGUUAGGC         CGAA AAGUCGUA         268           5256         5774         ACGACUUC C VAUUGGA         8437         UUCAAUU CUGAUGAG         CGCGUUAGGC         CGAA AACAGAAA         268           5265         5774         ACGACUUC C AAUUGGA         8440         GUCCAAUU CUGAUGAG         CGCGUUAGGC         CGAA AAUAGAAA         268           5265         57565         GUUUCCAGU         AAUAGACAA         268 <td< td=""></td<>
\$239   \$791
\$243   \$787
5245         5785         CUCCGUCU C GUACGACU         8434         AGUCGUAC CUGAUGAG GCCGUUAGGC         CGAA AGACGGAG         268           5248         5782         CGUCUCGU A CGACUUU C         8435         GAAAGUG CUGAUGAG GCCGUUAGGC         CGAA AGAGAGAG         268           5254         5776         GUACGACU U CUGUUCAA         8436         UGAACGAC UCAGUGAGG         CGAA AGUCGUAC         268           5255         5775         UACGACUU U CUGUUCAA         8437         UUGAACGA CUGAUGAG GCCGUUAGGC         CGAA AAGUCGUA         268           5256         5770         CUUCUCGU U CAAUUGGA         8439         UCCAAUUG CUGAUGAG GCCGUUAGGC         CGAA ACAGAAAG         268           5261         5769         DUUCUGUU C AAUUGGAC         8440         GUCCAAUU CUGAUGAG GCCGUUAGGC         CGAA ACAGAAAG         268           5261         5765         UGUCUGUU C AAUUGUU C AAUUGAGC C CUUCUUU CAAU CAA
S248   5782   CGUCUCGU A CGACUUUC   8435   GAAAGUCG CUGAUGAG GCCGUUAGGC CGAA ACGAGACG   268   5254   5776   GUACGACU U UCUGUUCA   8436   UGAACAGA CUGAUGAG GCCGUUAGGC CGAA AGUACGUAC   268   5255   5775   UACGACUU U CUGUUCAA   8437   UUGAACAG CUGAUGAG GCCGUUAGGC CGAA AAGUCGU   268   5256   5774   ACGACUUU C UGUUCAAU   8438   AUUGAACA CUGAUGAG GCCGUUAGGC CGAA AAGUCGU   268   5266   5770   CUUUCUGU U CAAUUGGA   8439   UCCAAUUG CUGAUGAG GCCGUUAGGC CGAA ACAGAAG   268   5261   5769   UUUCUGUU C AAUUGGA   8440   GUCCAAUU CUGAUGAG GCCGUUAGGC CGAA ACAGAAA   268   5265   5765   UUUCUGUU C AAUUGGA   8441   AGUAGUCC CUGAUGAG GCCGUUAGGC CGAA AAUUGAACA   268   5275   5755   GUUUCUGU   6442   AAAGAAAG CUGAUGAG GCCGUUAGGC CGAA AUUGAACA   268   5271   5759   AUUGGACU A CUUUCUCCA   8441   AGUAGAC CUGAUGAG GCCGUUAGGC CGAA AGUCCAAU   268   5275   5755   GACUACUU U CUUUCCA   8443   UUGAAAAG CUGAUGAG GCCGUUAGGC CGAA AGUACCAAU   268   5275   5755   GACUACUU U CUUUCCAB   8444   CUGGAAAG CUGAUGAG GCCGUUAGGC CGAA AGUACGAC   268   5275   5755   GACUACUU U CUUUCCAB   8444   CUGGAAAG CUGAUGAG GCCGUUAGGC CGAA AAGUAGUC   268   5275   5755   ACUUCUU C UUUCCAG   8445   GUGCUGGA CUGAUGAG GCCGUUAGGC CGAA AAGUAGUC   268   5276   5754   ACUACUUU C UUUCCAGC   8445   GUGCUGGA CUGAUGAG GCCGUUAGGC CGAA AAGUAGU   268   5278   5752   DACUUUCU U UCCAGCAC   8446   GUGCUGGA CUGAUGAG GCCGUUAGGC CGAA AAGUAGU   268   5279   5751   ACUUUCUU U CCAGCACC   8445   GUGCUGGA CUGAUGAG GCCGUUAGGC CGAA AAGUAAGU   268   5289   5741   CAGCACGU GUAGCAC   8446   GUGCUGGA CUGAUGAG GCCGUUAGGC CGAA AAGAAGUA   268   5289   5750   CUUUCUUU C CAGCACG   8447   CGUUCUG CUGAUGAG GCCGUUAGGC CGAA AAGAAGUA   268   5289   5751   ACUUCUU U CCAGCACC   8445   GUGCUGGA CUGAUGAG GCCGUUAGGC CGAA AAGAAGUA   268   5289   5751   CAGCACGU GUAGCAC   8448   ACGUGCU CUGAUGAG GCCGUUAGGC CGAA AAGAAGUA   268   5289   5751   CAGCACGU GUAGCAC   6446   GUGCUGGA CUGAUGAG GCCGUUAGGC CGAA AAGAAGUA   268   5306   5724   AGGGCAU C UGAUGAG GCCGUUAGGC CGAA AAGAAGUA   268   5316   5714   AGGCAGU C GACCACG   845
5248         5782         CGUCUCGU A CGACUUUC         8435         GAAAGUC CUGAUAGG GCCGUUAGG         CCGUUAGGC         268           5254         5776         GUACGACU U CUGUUCAA         8436         UGAACAGA CUGAUGAG GCCGUUAGG         CGAA AGUGGUAC         268           5255         5775         LAGACGUU C CUGUUCAA         8437         UUGAACAG CUGAUGAG GCCGUUAGG         CGAA AAGUCGU         268           5266         5774         ACGACUUU C UGUUCAAU         8438         AUUGAACA CUGAUGAG GCCGUUAGGC         CGAA AAAGUCGU         268           5260         5770         CUUUCUGU C AAUUGGA         8439         UCCAAUU CUGAUGAG GCCGUUAGGC         CGAA ACAGAAAA         268           5261         5769         DUUCGAU D GGACUACU         8441         AGUAGAC CUGAUGAG GCCGUUAGGC         CGAA AUUGAACA         268           5271         5759         DUUGGACU A CUUUCUCA         8442         AAAGAAAG CUGAUGAG GCCGUUAGGC         CGAA AUUGAACA         268           5274         5756         GGACUACU U CUUUCCA         8443         UGGAAAG CUGAUGAG GCCGUUAGGC         CGAA AAGUAGUC         268           5275         5755         GACUACUU U CUUCCAG         8445         CUGGAAA CUGAUGAG GCCGUUAGGC         CGAA AAGUAGUC         268           5276         5754         ACUACUUU C UUCCA
\$254   \$776
\$255   \$775
\$256   \$774
5260         5776         CUUUCUGU U CAAUUGGA         8439         UCCAAUUG CUGAUGAG GCCGUUAGGC CGAA ACAGAAAG         268           5261         5765         UUUCUGUU C AAUUGGAC         8440         SUCCAAUU CUGAUGAG GCCGUUAGGC CGAA ACAGAAAA         268           5265         5765         UUUCUGUU GAACUACU         8441         AGUAGCC CUGAUGAG GCCGUUAGGC CGAA AUUGAACA         268           5271         5759         AUUGAGU A CUUUCUUU         8442         AAAGAAG CUGAUGG GCCGUUAGGC CGAA AUGACACA         268           5274         5756         GACUACU U CUUUCCAG         8443         UGGAAAGA CUGAUGAG GCCGUUAGGC CGAA AGUAGUC CGA         268           5275         5755         GACUACUU U CUUUCCAG         8444         CUGGAAA CUGAUGAG GCCGUUAGGC CGAA AAGUAGUC 268           5276         5754         ACUACUUU C UUUCCAGC         8445         GCUGGAAA CUGAUGAG GCCGUUAGGC CGAA AAGAGAGU         268           5278         5752         UACUUUCU U CCAGCACG         8446         GUGCUGGA CUGAUGAG GCCGUUAGGC CGAA AAGAAGU         268           5279         5751         ACUUCUUU U CCAGCACG         8447         CGUGCUGGA CUGAUGAG GCCGUUAGGC CGAA AAGAAGAG         268           5280         5750         CUUCUUU C CAGCACGU         8448         ACGGCGCG CGGAA CAGAAGAG         268           5280         5731
5261         5769         UUUCUGUU C AAUUGGAC         8440         GUCCAAUU CUGAUGG GCCGUUAGGC CGAA AACAGAAA         268           5265         5765         UGUUCAAU U GGACUACU         8441         AGUAGUC C CUGAUGAG GCCGUUAGGC CGAA AUUGAACA         268           5271         5759         AUUGGACU A CUUUCUUU         8442         AAAGAAG CUGAUGAG GCCGUUAGGC CGAA AGUCCAAU         268           5274         5756         GGACUACUU U CUUUCCAG         8443         UGGAAAG CUGAUGAG GCCGUUAGGC CGAA AGUAGUCC         268           5275         5755         GACUACUU U CUUUCCAG         8444         CUGGAAA CUGAUGAG GCCGUUAGGC CGAA AAGUAGUC         268           5276         5754         ACUACUUU U UCCAGCAC         8445         GUGCUGGA CUGAUGAG GCCGUUAGGC CGAA AAGUAGU         268           5278         5752         UACUUCUU U UCCAGCAC         8446         GUGCUGGA CUGAUGAG GCCGUUAGGC CGAA AAGAAGUA         268           5279         5751         ACUUUCUU U CCAGCACG         8447         CGUGCUGG CUGAUGAG GCCGUUAGGC CGAA AAGAAAGU         268           5280         5750         CUUUCUUU C CAGCACGU         8448         ACGUGCUG CUGAUGAG GCCGUUAGGC CGAA AAGAAAG         268           5292         5738         CACGUUGU A GGCAAAAG         8450         CCUUUGCC CUGAUGAG GCCGUUAGGC CGAA ACACACG         268 <t< td=""></t<>
5265         5765         UGUUCAAU U GGACUACU         8441         AGUAGUCC CUGAUGAG GCCGUUAGGC CGAA AUUGAACA         268:           5271         5759         AUUGAACU A CUUUCUU         8442         AAAGAAGA CUGAUGAG GCCGUUAGGC CGAA AGUACCAAU         268:           5274         5756         GACUACU U UCUUUCCA         8443         UGGAAAGC CUGAUGAG GCCGUUAGGC CGAA AGUAGUC 268:           5275         5755         GACUACUU U CUUUCCAG         8444         CUGGAAA CUGAUGAG GCCGUUAGGC CGAA AAGUAGUC         268:           5276         5754         ACUACUUU U UUCCAGC         8445         GCUGGAAA CUGAUGAG GCCGUUAGGC CGAA AAGAAGUA         268:           5278         5752         DACUUUUU U UCCAGCAC         8446         GUGCUGG CUGAUGAG GCCGUUAGGC CGAA AAGAAGUA         268:           5279         5751         ACUUUCUU U CCAGCACGU         8448         ACGUGCUG CUGAUGAG GCCGUUAGGC CGAA AAGAAAG         268:           5280         5750         CUUUCUUU C CAGCACGU         8448         ACGUGCUG CUGAUGAG GCCGUUAGGC CGAA AAGAAAG         268:           5292         5738         CACGUUGU A GGCAAUG         8449         UUGCCUAC CUGAUGAG GCCGUUAGGC CGAA AUGCCU         268:           5306         5724         AGGCAAUC C AUUCCCCA         8451         GGGAAUGAG GCCGUUAGGC CGAA AUGCCU         268:           5311         <
5274         5756         GGACUACU U UCUUUCCA         8443         UGGAAAGA CUGAUGAG GCCGUUAGGC         CGAA AGUAGUC         268           5275         5755         GACUACUU U CUUUCCAG         8444         CUGGAAA CUGAUGAG GCCGUUAGGC         CGAA AAGUAGUC         268           5276         5754         ACUACUUU U UUCCAGC         8445         GCUGGAAA CUGAUGAG GCCGUUAGGC         CGAA AAGUAGU         268           5278         5752         UACUUUCU U UCCAGCAC         8446         GUGCUGG CUGAUGAG GCCGUUAGGC         CGAA AAGAAAGU         268           5279         5751         ACUUUCUU U CCAGCACG         8447         CGUGCUG CUGAUGAG GCCGUUAGGC         CGAA AAGAAAG         268           5280         5750         CUUUCUUU C CAGCACGU         8448         ACGUGCUG CUGAUGAG GCCGUUAGGC         CGAA AAGAAAG         268           5289         5741         CAGCACGU U GUAGGCAA         8449         UUGCCUAC CUGAUGAG GCCGUUAGGC         CGAA ACAACGU         268           5306         5724         AGGCAAU C UCAUUCCC         8451         GGGAAUGA GCCGUUAGGC         CGAA ACAACGU         268           5311         5719         AAUCUCAU U CCCCAUCU         8452         UGGGAAU CUGAUGAG GCCGUUAGGC         CGAA AGUAGGU         268           5312         5718         AUCUCAU U CCCCAUCU
5275         5755         GACUACUU U CUUUCCAG         8444         CUGGAAAG CUGAUGAG GCCGUUAGGC CGAA AAGUAGU         268           5276         5754         ACUACUUU C UUUCCAGC         8445         GCUGGAAA CUGAUGAG GCCGUUAGGC CGAA AAAGUAGU         268           5278         5752         UACUUUCU U UCCAGCAC         8446         GUGCUGGA CUGAUGAG GCCGUUAGGC CGAA AAAAGUA         268           5279         5751         ACUUUCUU U CCAGCACG         8447         CGUGCUGG CUGAUGAG GCCGUUAGGC CGAA AAAAAGUA         268           5280         5750         CUUUCUUU C CAGCACGU         8448         ACGUGCUG CUGAUGAG GCCGUUAGGC CGAA AAAGAAAG         268           5289         5741         CAGCACGU U GUAGGCAA         8449         UUGCCUAC CUGAUGAG GCCGUUAGGC CGAA ACAACGUG 268         268           5292         5738         CACGUUGA GCCGUUAGC CUGAUGAG GCCGUUAGGC CGAA ACAACGUG 268         268         2592         5738         CACGUUGU C AUUCCCC 8451         GGGAAUG CUGAUGAG GCCGUUAGGC CGAA ACAACGU 268         2530         5722         AGGCAAUCU C AUUCCCC 8451         GGGAAUG CUGAUGAG GCCGUUAGGC CGAA AUUGCCC 268         2531         5719         AAUCUCAUU C CCCAUCU 8453         AGGUGGG CUGAUGAG GCCGUUAGGC CGAA AUUGAGAU 268         2531         5719         AAUCUCAUU C CCCAUCU 8453         AGGUGUAG CUGAUGAG GCCGUUAGGC CGAA AUGGAGAU 268         25318         5712         UUCCCCAU C UGACACU 8455 </td
5276         5754         ACUACUUU C UUUCCAGC         8445         GCUGGAAA CUGAUGAG         GCCGUUAGGC         CGAA AAAGUAGU         268           5278         5752         UACUUUCU U UCCAGCAC         8446         GUGCUGGA CUGAUGAG GCCGUUAGGC CGAA AAGAAAGUA         268           5279         5751         ACUUUCUU U C CAGCACG         8447         CGUGCUGG CUGAUGAG GCCGUUAGGC CGAA AAAGAAAGU         268           5280         5750         CUUUCUU C CAGCACGU         8448         ACGUGCU CUGAUGAG GCCGUUAGGC CGAA AAAGAAAG         268           5289         5741         CAGCACGU U GUAGGCAA         8449         UUGCCUAC CUGAUGAG GCCGUUAGGC CGAA ACAACGUC GAA         268           5292         5738         CACGUUGU A GGCAAAGG         8450         CCUUUGCC CUGAUGAG GCCGUUAGGC CGAA ACAACGUC GAA         268           5306         5724         AGGGCAUC C AUUCCCCA         8451         GGGAAUGA CUGAUGAG GCCGUUAGGC CGAA AUUGCCCU CGAA         268           5311         5719         AAUCUCAUU C CCCAUCUU B453         AGAUGGG CUGAUGAG GCCGUUAGGC CGAA AUUGAGAU CCCAUCUU B453         AGAUGGG CUGAUGAG GCCGUUAGGC CGAA AUUGAGAU CCCAUCUU GCCAUCUU B454         AAGAUGGC CUGAUGAG GCCGUUAGGC CGAA AUUGAGAU CCCAUCUU CCCAUCUU GCCAUCUU GCCAUCUU GCCAUCUU CCCAUCUU GCCAUCUU CCCAUCUU GCCAUCUU CUGAUGAG CCGUUAGGC CGAA AUGAGAGU CCCAUCUUCGC CUGAUGAG GCCGUUAGGC CGAA AUGAGAGU CCCAUCUCGU CUCCAUCUU CUCCAUCUU CUCCAUCUU CUCCAUCUU CUCCAUCUU CUCCAUCUU CUCCAUCUU CUCCAUCUU CUCCAUCUU CUCCAUCU
5276         5754         ACUACUUU C UUUCCAGC         8445         GCUGGAAA CUGAUGAG GCCGUUAGGC CGAA AAAGUAGU         268           5278         5752         UACUUUCU U UCCAGCAC         8446         GUGCUGGA CUGAUGAG GCCGUUAGGC CGAA AAAGAAAGU         268           5279         5751         ACUUUCUU U CCAGCACG         8447         CGUGCUGG CUGAUGAG GCCGUUAGGC CGAA AAAGAAAGU         268           5280         5750         CUUUCUUU C CAGCACGU         8448         ACGUGCUG CUGAUGAG GCCGUUAGGC CGAA AAAGAAAG         268           5289         5741         CAGCACGU U GUGACAA         8449         UUGCCUAC CUGAUGAG GCCGUUAGGC CGAA ACAACGUC GAA         268           5306         5724         AGGGCAAU C UCAUUCCC         8451         GGGAAUGA CUGAUGAG GCCGUUAGGC CGAA AUUGCCCU GAA         268           5311         5719         AAUCUCAU U CCCCAUCUU B453         AGAUGGG CUGAUGAG GCCGUUAGGC CGAA AUGAGUU CAACUUCU GAACUU GAACUU GAACUUCU GAACUUCUUCUUCUUCU GAACUUCU GAACUUCUUCUUCUUCUUCUUCUUCUUUCUUCUUUUCUU
5279         5751         ACUUUCUU U CCAGCACG         8447         CGUGCUGG CUGAUGAG GCCGUUAGGC         CGAA AAGAAAGU         268           5280         5750         CUUUCUUU C CAGCACGU         8448         ACGUGCUG CUGAUGAG GCCGUUAGGC         CGAA AAGAAAG         268           5289         5741         CAGCACGU U GUAGGCAA         8449         UUGCCUAC CUGAUGAG GCCGUUAGGC         CGAA ACGUGCUG         268           5292         5738         CACGUUGU A GGCAAAGG         8450         CCUUUGCC CUGAUGAG GCCGUUAGGC         CGAA ACACGGU         268           5306         5724         AGGGCAAU C UCAUUCCC         8451         GGGAAUGA CUGAUGAG GCCGUUAGGC         CGAA AUGCCCU         268           5308         5722         GGCAAUCU C AUUCCCCA         8452         UGGGGAAU CUGAUGAG GCCGUUAGGC         CGAA AUGAGAUU         268           5311         5719         AAUCUCAU U CCCCAUCU         8453         AGAUGGG CUGAUGAG GCCGUUAGGC         CGAA AUGAGAU         268           5312         5718         AUCUCAUU C CCCAUCUU         8454         AAGAUGGG CUGAUGAG GCCGUUAGGC         CGAA AUGAGAU         268           5318         5712         UUCCCCAU C UGACACUA         8455         AGUGUCAA CUGAUGAG GCCGUUAGGC         CGAA AGAUCGGC         268           5320         5710         CCCCA
5280 5750 CUUUCUUU C CAGCACGU 8448 ACGUGCUG CUGAUGAG GCCGUUAGGC CGAA AAAGAAAG 268: 5289 5741 CAGCACGU U GUAGGCAA 8449 UUGCCUAC CUGAUGAG GCCGUUAGGC CGAA ACGUGCUG 268: 5292 5738 CACGUUGU A GGCAAAGG 8450 CCUUUGCC CUGAUGAG GCCGUUAGGC CGAA ACAACGUG 268: 5306 5724 AGGGCAAU C UCAUUCCC 8451 GGGAAUGA CUGAUGAG GCCGUUAGGC CGAA AUUGCCCU 268: 5308 5722 GGCAAUCU C AUUCCCCA 8452 UGGGGAAU CUGAUGAG GCCGUUAGGC CGAA AGAUUGCC 268: 5311 5719 AAUCUCAU U CCCCAUCU 8453 AGAUGGGG CUGAUGAG GCCGUUAGGC CGAA AUUGAGAUU 268: 5312 5718 AUCUCAUU C CCCAUCUU 8454 AAGAUGGG CUGAUGAG GCCGUUAGGC CGAA AUUGAGAUU 268: 5312 5718 AUCUCAUU C CCCAUCUU 8455 AGUGUCAA CUGAUGAG GCCGUUAGGC CGAA AUUGAGAUU 268: 5312 5718 AUCUCAUU C UUGACACU 8455 AGUGUCAA CUGAUGAG GCCGUUAGGC CGAA AUUGAGAUU 268: 5312 5718 AUCUCAUU C UUGACACU 8455 AGUGUCAA CUGAUGAG GCCGUUAGGC CGAA AUGGAGAU 268: 5320 5710 CCCCAUCU U GACACUAG 8456 CUAGUGUC CUGAUGAG GCCGUUAGGC CGAA AUGGGGAA 268: 5327 5703 UUGACACU A GGCACAAA 8457 UUUGUGCC CUGAUGAG GCCGUUAGGC CGAA AGAUGGGG 268: 5345 5685 CAAACCGU C UUCCCGGU 8458 ACCGGGAA CUGAUGAG GCCGUUAGGC CGAA ACGGUUUG 268: 5347 5683 AACCGUCU C CCCGUGUU 8459 ACACCGGG CUGAUGAG GCCGUUAGGC CGAA ACGGUUUG 268: 5348 5682 ACCGUCUU C CCCGUGUU 8459 ACACCGGG CUGAUGAG GCCGUUAGGC CGAA AGACCGGU 268: 5358 5674 CCCGGUUU C CCCGGUGU 8460 UACACCGG CUGAUGAG GCCGUUAGGC CGAA AGACCGGU 268: 5358 5672 CGGUGUAU C CUGGUGUA 8460 UACACCGG CUGAUGAG GCCGUUAGGC CGAA ACACCGGG 268: 5358 5672 CGGUGUAU C CUGUGAUC 8463 GAUCACAC CUGAUGAG GCCGUUAGGC CGAA AUACACCG 268: 5356 5674 CCCGGUUU C CUGUGAUC 8463 GGAUCACA CUGAUGAG GCCGUUAGGC CGAA AUACACCG 268: 5356 5664 UCUGUGAU C CUGUAUCCA 8463 GGAUCACA CUGAUGAG GCCGUUAGGC CGAA AUACACCG 268: 5356 5671 GGUGUAUU C CUGUGAUCCA 8463 GGAUCACA CUGAUGAG GCCGUUAGGC CGAA AUACACCG 268: 5356 5664 UCUGUGAU C CUGUAUCCA 8463 GGAUCACA CUGAUGAG GCCGUUAGGC CGAA AUACACCG 268: 5356 5664 UCUGUGAU C CUGUAUCCA 8463 GGAUCACA CUGAUGAG GCCGUUAGGC CGAA AUACACCA 268: 5350 5660 UGAUCCAU C CUGAUCCA 8466 CUGGAUAC CUGAUGAG GCCGUUAGGC CGAA AUACACCA 268: 5370 5660 UGAUCCAU C CUGAUCCA 8466 CUGGAUAC C
5289         5741         CAGCACGU U GUAGGCAA         8449         UUGCCUAC CUGAUGAG         GCCGUUAGGC         CGAA ACGUGCUG         268           5292         5738         CACGUUGU A GGCAAAGG         8450         CCUUUGCC CUGAUGAG         CGAA ACAACGUG         268           5306         5724         AGGGCAAU C UCAUUCCC         8451         GGGAAUGA CUGAUGAG GCCGUUAGGC CGAA AUUGCCCU         268           5308         5722         GGCAAUCU C AUUCCCCA         8452         UGGGGAAU CUGAUGAG GCCGUUAGGC CGAA AGAUUGCC         268           5311         5719         AAUCUCAUU C CCCAUCUU         8453         AGAUGGGG CUGAUGAG GCCGUUAGGC CGAA AUUGAGAUU         268           5312         5718         AUCUCAUU C CCCAUCUU         8454         AAGAUGGG CUGAUGAG GCCGUUAGGC CGAA AUGAGAUU         268           5312         5718         AUCUCAUU C CCCAUCUU         8455         AGUGUCAA CUGAUGAG GCCGUUAGGC CGAA AUGAGAUU         268           5320         5710         CCCCAUCU U GACACUAG         8456         CUAGUGUC CUGAUGAG GCCGUUAGGC CGAA AGAUGGGC         268           5345         5685         CAAACCGU C UUCCCGGU         8458         ACCGGGAA CUGAUGAG GCCGUUAGGC CGAA AGACGGUU         268           5348         5682         ACCGUCUU C CCGGUGUA         8459         ACACCGGG CUGAUGAG GCCGUUAGGC CGAA AGACGGU
5292         5738         CACGUUGU A GGCAAAGG         8450         CCUUUGCC CUGAUGAG GCCGUUAGGC CGAA ACAACGUG         268           5306         5724         AGGGCAAU C UCAUUCCC         8451         GGGAAUGA CUGAUGAG GCCGUUAGGC CGAA AUUGCCCU         268           5308         5722         GGCAAUCU C AUUCCCA         8452         UGGGGAAU CUGAUGAG GCCGUUAGGC CGAA AGAUUGCC         268           5311         5719         AAUCUCAU U CCCCAUCUU         8453         AGAUGGG CUGAUGAG GCCGUUAGGC CGAA AUGAGAUU         268           5312         5718         AUCUCAUU C CCCAUCUU         8454         AAGAUGGG CUGAUGAG GCCGUUAGGC CGAA AUGAGAU         268           5318         5712         UUCCCCAU C UUGACACU         8455         AGUGUCAA CUGAUGAG GCCGUUAGGC CGAA AGAGGGG         268           5320         5710         CCCCAUCU U GACACUAG         8456         CUAGUGGC CUGAUGAG GCCGUUAGGC CGAA AGAUGUCAA         268           5345         5685         CAAACCGU C UUCCCGGU         8458         ACCGGGGAA CUGAUGAG GCCGUUAGGC CGAA AGACGGUU         268           5347         5683         AACCGUCU U CCCGGUGU         8459         ACACCGGG CUGAUGGG CCGAA AGACGGU         268           5348         5685         CAAACCGU C UCCCGGU         8459         ACACCGGG CUGAUGGG CCGAA AGACGCGU         268           5346
5306         5724         AGGGCAAU C UCAUUCCC         8451         GGGAAUGA CUGAUGAG GCCGUUAGGC CGAA AUUGCCCU         268           5308         5722         GGCAAUCU C AUUCCCCA         8452         UGGGGAAU CUGAUGAG GCCGUUAGGC CGAA AGAUUGCC         268           5311         5719         AAUCUCAU U CCCCAUCU         8453         AGAUGGG CUGAUGAG GCCGUUAGGC CGAA AUGAGAUU         268           5312         5718         AUCUCAUU C CCCAUCUU         8454         AAGAUGGG CUGAUGAG GCCGUUAGGC CGAA AUGAGAU         268           5318         5712         UUCCCCAU C UUGACACU         8455         AGUGUCAA CUGAUGAG GCCGUUAGGC CGAA AUGAGGAA         268           5320         5710         CCCCAUCU U GACACUAG         8456         CUAGUGUC CUGAUGAG GCCGUUAGGC CGAA AGUGUCAA         268           5327         5703         UUGACACU A GGCACAAA         8457         UUUGUGC CUGAUGAG GCCGUUAGGC CGAA AGUGUCAA         268           5345         5685         CAAACCGU C UUCCCGGU 8458         ACCGGGGAA CUGAUGAG GCCGUUAGGC CGAA AGACGGUU 268         268           5348         5682         ACCGUCUU C CCGGUGUA 8460         UACACCGG CUGAUGAG GCCGUUAGGC CGAA AGACCGGG 268           5358         5674         CCCGGUGUA U CUGUGAA 8461         UCACAGAA CUGAUGAG GCCGUUAGGC CGAA AUACACCG 268           5358         5672         CGGUGUAU C CUGUGAUCC 8463
5308         5722         GGCAAUCU C AUUCCCCA         8452         UGGGGAAU CUGAUGAG GCCGUUAGGC CGAA AGAUUGCC         268           5311         5719         AAUCUCAU U CCCCAUCU         8453         AGAUGGG CUGAUGAG GCCGUUAGGC CGAA AUGAGAUU         268           5312         5718         AUCUCAUU C CCCAUCUU         8454         AAGAUGGG CUGAUGAG GCCGUUAGGC CGAA AUGAGAU         268           5318         5712         UUCCCCAU C UUGACACU         8455         AGUGUCAA CUGAUGAG GCCGUUAGGC CGAA AUGGGGAA         268           5320         5710         CCCCAUCU U GACACUAG         8456         CUAGUGUC CUGAUGAG GCCGUUAGGC CGAA AGAUGGGG         268           5327         5703         UUGACACU A GGCACAAA         8457         UUUGUGCC CUGAUGAG GCCGUUAGGC CGAA AGUGUCAA         268           5345         5685         CAAACCGU C UUCCCGGU         8458         ACCGGGAA CUGAUGAG GCCGUUAGGC CGAA AGACGGUU         268           5347         5683         AACCGUCU U CCCGGUGU         8459         ACACCGGG CUGAUGAG GCCGUUAGGC CGAA AGACGGUU         268           5348         5682         ACCGUCUU C CCGGUGUA         8460         UACACCGG CUGAUGAG GCCGUUAGGC CGAA ACACCGGG         268           5356         5674         CCCGGUGUA         8461         UCACAGAA CUGAUGAG GCCGUUAGGC CGAA AUACACCG         268           5358<
5311 5719 AAUCUCAU U CCCCAUCU 8453 AGAUGGGG CUGAUGAG GCCGUUAGGC CGAA AUGAGAUU 268. 5312 5718 AUCUCAUU C CCCAUCUU 8454 AAGAUGGG CUGAUGAG GCCGUUAGGC CGAA AAUGAGAU 268. 5318 5712 UUCCCCAU C UUGACACU 8455 AGUGUCAA CUGAUGAG GCCGUUAGGC CGAA AUGAGGA 268. 5320 5710 CCCCAUCU U GACACUAG 8456 CUAGUGUC CUGAUGAG GCCGUUAGGC CGAA AGAUGGGG 268. 5327 5703 UUGACACU A GGCACAAA 8457 UUUGUGCC CUGAUGAG GCCGUUAGGC CGAA AGAUGGGG 268. 5345 5685 CAAACCGU C UUCCCGGU 8458 ACCGGGAA CUGAUGAG GCCGUUAGGC CGAA AGACGGUUU 268. 5347 5683 AACCGUCU U CCCGGUGU 8459 ACACCGGG CUGAUGAG GCCGUUAGGC CGAA AGACGGUU 268. 5348 5682 ACCGUCUU C CCGGUGUA 8460 UACACCGG CUGAUGAG GCCGUUAGGC CGAA AGACGGUU 268. 5356 5674 CCCGGUGU A UUCUGUGA 8461 UCACAGAA CUGAUGAG GCCGUUAGGC CGAA ACACCGGG 268. 5358 5672 CGGUGUAU U CUGUGAUC 8462 GAUCACAG CUGAUGAG GCCGUUAGGC CGAA AUACACCG 268. 5359 5671 GGUGUAUU C UGUGAUCC 8463 GGAUCACA CUGAUGAG GCCGUUAGGC CGAA AUACACCG 268. 5366 5664 UCUGUGAU C CAUUCGUA 8464 UACGAAUG CUGAUGAG GCCGUUAGGC CGAA AUACACCC 268. 5370 5660 UGAUCCAU U CGUAUCCA 8465 UGGAUACG CUGAUGAG GCCGUUAGGC CGAA AUACACACA 268. 5371 5659 GAUCCAUU C GUAUCCA 8466 CUGGAUAC CUGAUGAG GCCGUUAGGC CGAA AUGGAUCA 268. 5374 5656 CCAUUCGU A UCCAGAGU 8467 ACUCUGGA CUGAUGAG GCCGUUAGGC CGAA AUGGAUCA 268.
5312 5718 AUCUCAUU C CCCAUCUU 8454 AAGAUGGG CUGAUGAG GCCGUUAGGC CGAA AAUGAGAU 268 5318 5712 UUCCCCAU C UUGACACU 8455 AGUGUCAA CUGAUGAG GCCGUUAGGC CGAA AUGAGGAA 268 5320 5710 CCCCAUCU U GACACUAG 8456 CUAGUGUC CUGAUGAG GCCGUUAGGC CGAA AGAUGGGG 268 5327 5703 UUGACACU A GGCACAAA 8457 UUUGUGCC CUGAUGAG GCCGUUAGGC CGAA AGAUGUCAA 268 5345 5685 CAAACCGU C UUCCCGGU 8458 ACCGGGAA CUGAUGAG GCCGUUAGGC CGAA ACGGUUUG 268 5347 5683 AACCGUCU U CCCGGUGU 8459 ACACCGGG CUGAUGAG GCCGUUAGGC CGAA AGACGGUU 268 5348 5682 ACCGUCUU C CCGGUGUA 8460 UACACCGG CUGAUGAG GCCGUUAGGC CGAA AGACGGU 268 5356 5674 CCCGGUGU A UUCUGUGA 8461 UCACAGAA CUGAUGAG GCCGUUAGGC CGAA ACACCGGG 268 5358 5672 CGGUGUAU U CUGUGAUC 8462 GAUCACAG CUGAUGAG GCCGUUAGGC CGAA AUACACCG 268 5359 5671 GGUGUAUU C UGUGAUCC 8463 GGAUCACA CUGAUGAG GCCGUUAGGC CGAA AUACACCG 268 5366 5664 UCUGUGAU C CAUUCGUA 8464 UACGAAUG CUGAUGAG GCCGUUAGGC CGAA AUACACCC 268 5370 5660 UGAUCCAU U CGUAUCCA 8465 UGGAUGAG GCCGUUAGGC CGAA AUACACCA 268 5371 5659 GAUCCAUU C GUAUCCA 8466 CUGGAUGAG GCCGUUAGGC CGAA AUGGAUCA 268 5374 5656 CCAUUCGU A UCCAGAGU 8467 ACUCUGGA CUGAUGAG GCCGUUAGGC CGAA AUGGAUCA 268 5374 5656 CCAUUCGU A UCCAGAGU 8467 ACUCUGGA CUGAUGAG GCCGUUAGGC CGAA AUGGAUCA 268
53185712UUCCCCAU CUUGACACU8455AGUGUCAA CUGAUGAGGCCGUUAGGCCGAA AUGGGGAA26853205710CCCCAUCU UGACACUAG8456CUAGUGUC CUGAUGAGGCCGUUAGGC CGAA AGAUGGGG26853275703UUGACACU AGGCACAAA8457UUUGUGCC CUGAUGAGGCCGUUAGGC CGAA AGUGUCAA26853455685CAAACCGU CUUCCCGGU8458ACCGGGAA CUGAUGAGGCCGUUAGGC CGAA ACGGUUUG26853475683AACCGUCU UCCCGGUGU8459ACACCGGG CUGAUGAGGCCGUUAGGC CGAA AGACGGUU26853485682ACCGUCUU CCCGGUGUA8460UACACCGG CUGAUGAGGCCGUUAGGC CGAA AGACCGGU26853565674CCCGGUGUA8461UCACAGAA CUGAUGAGGCCGUUAGGC CGAA ACACCGGG26853585672CGGUGUAU UCUGUGAUC8462GAUCACAG CUGAUGAGGCCGUUAGGC CGAA AUACACCG26853595671GGUGUAUU CUGUGAUCC8463GGAUCACA CUGAUGAGGCCGUUAGGC CGAA AUACACAC26853665664UCUGUGAU CCAUUCGUA8464UACGAAUG CUGAUGAGGCCGUUAGGC CGAA AUCACAGA26853705660UGAUCCAU UCGUAUCCA8465UGGAUACC CUGAUGAGGCCGUUAGGC CGAA AUGGAUCA26853715659GAUCCAUU CGUAUCCAG8466CUGGAUAC CUGAUGAGGCCGUUAGGC CGAA AUGGAUCA26853745656CCAUUCGU AUCCAGAGU8467ACUCUGGA CUGAUGAGGCCGUUAGGC CGAA ACGAAUGG268
5320 5710 CCCCAUCU U GACACUAG 8456 CUAGUGUC CUGAUGAG GCCGUUAGGC CGAA AGAUGGGG 268 5327 5703 UUGACACU A GGCACAAA 8457 UUUGUGCC CUGAUGAG GCCGUUAGGC CGAA AGUGUCAA 268 5345 5685 CAAACCGU C UUCCCGGU 8458 ACCGGGAA CUGAUGAG GCCGUUAGGC CGAA ACGGUUUG 268 5347 5683 AACCGUCU U CCCGGUGU 8459 ACACCGGG CUGAUGAG GCCGUUAGGC CGAA AGACGGUU 268 5348 5682 ACCGUCUU C CCGGUGUA 8460 UACACCGG CUGAUGAG GCCGUUAGGC CGAA AGACGGUU 268 5356 5674 CCCGGUGU A UUCUGUGA 8461 UCACAGAA CUGAUGAG GCCGUUAGGC CGAA ACACCGGG 268 5358 5672 CGGUGUAU U CUGUGAUC 8462 GAUCACAG CUGAUGAG GCCGUUAGGC CGAA AUACACCG 268 5359 5671 GGUGUAUU C UGUGAUCC 8463 GGAUCACA CUGAUGAG GCCGUUAGGC CGAA AUACACCG 268 5366 5664 UCUGUGAU C CAUUCGUA 8464 UACGAAUG CUGAUGAG GCCGUUAGGC CGAA AUACACCC 268 5370 5660 UGAUCCAU U CGUAUCCA 8465 UGGAUACG CUGAUGAG GCCGUUAGGC CGAA AUCACAGA 268 5371 5659 GAUCCAUU C GUAUCCA 8466 CUGGAUAC CUGAUGAG GCCGUUAGGC CGAA AUGGAUCA 268 5374 5656 CCAUUCGU A UCCAGAGU 8467 ACUCUGGA CUGAUGAG GCCGUUAGGC CGAA AUGGAUCA 268
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5371 5659 GAUCCAUU C GUAUCCAG 8466 CUGGAUAC CUGAUGAG GCCGUUAGGC CGAA AAUGGAUC 268- 5374 5656 CCAUUCGU A UCCAGAGU 8467 ACUCUGGA CUGAUGAG GCCGUUAGGC CGAA ACGAAUGG 268
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5376 5654 AUUCGUAU C CAGAGUUC 8468 GAACUCUG CUGAUGAG GCCGUUAGGC CGAA AUACGAAU 268
5383 5647 UCCAGAGU U CCAAGCUC 8469 GAGCUUGG CUGAUGAG GCCGUUAGGC CGAA ACUCUGGA 268
5384 5646 CCAGAGUU C CAAGCUCG 8470 CGAGCUUG CUGAUGAG GCCGUUAGGC CGAA AACUCUGG 268
5391 5639 UCCAAGCU C GAUCCGGG 8471 CCCGGAUC CUGAUGAG GCCGUUAGGC CGAA AGCUUGGA 268-
5395 5635 AGCUCGAU C CGGGAUCU 8472 AGAUCCCG CUGAUGAG GCCGUUAGGC CGAA AUCGAGCU 268
5402 5628 UCCGGGAU C UCAGUCUG 8473 CAGACUGA CUGAUGAG GCCGUUAGGC CGAA AUCCCGGA 268
5404 5626 CGGGAUCU C AGUCUGUA 8474 UACAGACU CUGAUGAG GCCGUUAGGC CGAA AGAUCCCG 268
5408 5622 AUCUCAGU C UGUAAGUC 8475 GACUUACA CUGAUGAG GCCGUUAGGC CGAA ACUGAGAU 268
5412 5618 CAGUCUGU A AGUCGGAA 8476 UUCCGACU CUGAUGAG GCCGUUAGGC CGAA ACAGACUG 268
5416 5614 CUGUAAGU C GGAAAUUG 8477 CAAUUUCC CUGAUGAG GCCGUUAGGC CGAA ACUUACAG 268
5423 5607 UCGGAAAU U GGUGAAUU 8478 AAUUCACC CUGAUGAG GCCGUUAGGC CGAA AUUUCCGA 268 5431 5599 UGGUGAAU U GGACUCUG 8479 CAGAGUCC CUGAUGAG GCCGUUAGGC CGAA AUUCACCA 268
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5481 5549 UCAUGAAU A UUGCCGCC 8483 GGCGGCAA CUGAUGAG GCCGUUAGGC CGAA AUUCAUGA 2689

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5483	5547	AUGAAUAU U GCCGCCGC	8484	GCGGCGGC CUGAUGAG GCCGUUAGGC CGAA AUAUUCAU	26860
5494	5536	CGCCGCCU C CCCUAGCU	8485	AGCUAGGG CUGAUGAG GCCGUUAGGC CGAA AGGCGGCG	26861
5499	5531	CCUCCCCU A GCUCGACC	8486	GGUCGAGC CUGAUGAG GCCGUUAGGC CGAA AGGGGAGG	26862
5503	5527	CCCUAGCU C GACCUUUG	8487	CAAAGGUC CUGAUGAG GCCGUUAGGC CGAA AGCUAGGG	26863
5509	5521	CUCGACCU U UGUGGAAA	8488	UUUCCACA CUGAUGAG GCCGUUAGGC CGAA AGGUCGAG	26864
5510	5520	UCGACCUU U GUGGAAAU	8489	AUUUCCAC CUGAUGAG GCCGUUAGGC CGAA AAGGUCGA	26865
5521	5509	GGAAAUGU A ACCUCUUG	8490	CAAGAGGU CUGAUGAG GCCGUUAGGC CGAA ACAUUUCC	26866
5526	5504	UGUAACCU C UUGCUGCA	8491	UGCAGCAA CUGAUGAG GCCGUUAGGC CGAA AGGUUACA	26867
5528	5502	UAACCUCU U GCUGCAAU	8492	AUUGCAGC CUGAUGAG GCCGUUAGGC CGAA AGAGGUUA	26868
5540	5490	GCAAUGCU A GCUGGGUC	8493	GACCCAGC CUGAUGAG GCCGUUAGGC CGAA AGCAUUGC	26869
5548	5482	AGCUGGGU C GGUGAAAU	8494	AUUUCACC CUGAUGAG GCCGUUAGGC CGAA ACCCAGCU	26870
5563	5467	AUGAGCCU C AUCCAUCA	8495	UGAUGGAU CUGAUGAG GCCGUUAGGC CGAA AGGCUCAU	26871
5566	5464	AGCCUCAU C CAUCACGA	8496	UCGUGAUG CUGAUGAG GCCGUUAGGC CGAA AUGAGGCU	26872
5570	5460	UCAUCCAU C ACGAACAG	8497	CUGUUCGU CUGAUGAG GCCGUUAGGC CGAA AUGGAUGA	26873
5581	5449	GAACAGGU U GUAGUUCG	8498	CGAACUAC CUGAUGAG GCCGUUAGGC CGAA ACCUGUUC	26874
5584	5446	CAGGUUGU A GUUCGGCA	8499	UGCCGAAC CUGAUGAG GCCGUUAGGC CGAA ACAACCUG	26875
5587	5443	GUUGUAGU U CGGCACCC	8500	GGGUGCCG CUGAUGAG GCCGUUAGGC CGAA ACUACAAC	26876
5588	5442	UUGUAGUU C GGCACCCU	8501	AGGGUGCC CUGAUGAG GCCGUUAGGC CGAA AACUACAA	26877
5609	5421	GGAGACAU C AGCCUGUG	8502	CACAGGCU CUGAUGAG GCCGUUAGGC CGAA AUGUCUCC	26878
5627	5403	GUGAGGGU A GCAUGACA	8503	UGUCAUGC CUGAUGAG GCCGUUAGGC CGAA ACCCUCAC	26879
5644	5386	CAUGACAU C AACAAUCU	8504	AGAUUGUU CUGAUGAG GCCGUUAGGC CGAA AUGUCAUG	26880
5651	5379	UCAACAAU C UCAUUUCC	8505	GGAAAUGA CUGAUGAG GCCGUUAGGC CGAA AUUGUUGA	26881
5653	5377	AACAAUCU C AUUUCCAU	8506	AUGGAAAU CUGAUGAG GCCGUUAGGC CGAA AGAUUGUU	26882
5656	5374	AAUCUCAU U UCCAUUAU	8507	AUAAUGGA CUGAUGAG GCCGUUAGGC CGAA AUGAGAUU	26883
5657	5373	AUCUCAUU U CCAUUAUG	8508	CAUAAUGG CUGAUGAG GCCGUUAGGC CGAA AAUGAGAU	26884
5658	5372	UCUCAUUU C CAUUAUGU	8509	ACAUAAUG CUGAUGAG GCCGUUAGGC CGAA AAAUGAGA	26885
5662	5368	AUUUCCAU U AUGUUCUC	8510	GAGAACAU CUGAUGAG GCCGUUAGGC CGAA AUGGAAAU	26886
5663	5367	UUUCCAUU A UGUUCUCU	8511	AGAGAACA CUGAUGAG GCCGUUAGGC CGAA AAUGGAAA	26887
5667	5363	CAUUAUGU U CUCUGGGC	8512	GCCCAGAG CUGAUGAG GCCGUUAGGC CGAA ACAUAAUG	26888
5668	5362	AUUAUGUU C UCUGGGCA	8513	UGCCCAGA CUGAUGAG GCCGUUAGGC CGAA AACAUAAU	26889
5670	5360	UAUGUUCU C UGGGCACU	8514	AGUGCCCA CUGAUGAG GCCGUUAGGC CGAA AGAACAUA	26890
5687	5343	GCGGAUGU C UGGUACCG	8515	CGGUACCA CUGAUGAG GCCGUUAGGC CGAA ACAUCCGC	26891
5692	5338	UGUCUGGU A CCGGAUGG	8516	CCAUCCGG CUGAUGAG GCCGUUAGGC CGAA ACCAGACA	26892
5706	5324	UGGGCAGU C CUCUCAGU	8517	ACUGAGAG CUGAUGAG GCCGUUAGGC CGAA ACUGCCCA	26893
5709	5321	GCAGUCCU C UCAGUGCU	8518	AGCACUGA CUGAUGAG GCCGUUAGGC CGAA AGGACUGC	26894
5711	5319	AGUCCUCU C AGUGCUUC	8519	GAAGCACU CUGAUGAG GCCGUUAGGC CGAA AGAGGACU	26895
5718	5312	UCAGUGCU U CAGCCAUC	8520	GAUGGCUG CUGAUGAG GCCGUUAGGC CGAA AGCACUGA	26896
5719	5311	CAGUGCUU C AGCCAUCU	8521	AGAUGGCU CUGAUGAG GCCGUUAGGC CGAA AAGCACUG	26897
5726	5304	UCAGCCAU C UCAGCAGC	8522	GCUGCUGA CUGAUGAG GCCGUUAGGC CGAA AUGGCUGA	26898
5728	5302	AGCCAUCU C AGCAGCCA	8523	UGGCUGCU CUGAUGAG GCCGUUAGGC CGAA AGAUGGCU	26899
5747	5283	ACCCUGGU U GGUGCUAG	8524	CUAGCACC CUGAUGAG GCCGUUAGGC CGAA ACCAGGGU	26900
5754	5276	UUGGUGCU A GCACGGCU	8525	AGCCGUGC CUGAUGAG GCCGUUAGGC CGAA AGCACCAA	26901
5765	5265	ACGGCUGU U CUCAGUCU	8526	AGACUGAG CUGAUGAG GCCGUUAGGC CGAA ACAGCCGU	26902
5766	5264	CGGCUGUU C UCAGUCUU	8527	AAGACUGA CUGAUGAG GCCGUUAGGC CGAA AACAGCCG	26903
5768	5262	GCUGUUCU C AGUCUUCU	8528	AGAAGACU CUGAUGAG GCCGUUAGGC CGAA AGAACAGC	26904
5772	5258	UUCUCAGU C UUCUGUUU	8529	AAACAGAA CUGAUGAG GCCGUUAGGC CGAA ACUGAGAA	26905
5774	5256	CUCAGUCU U CUGUUUAU	8530	AUAAACAG CUGAUGAG GCCGUUAGGC CGAA AGACUGAG	26906
5775	5255	UCAGUCUU C UGUUUAUG	8531	CAUAAACA CUGAUGAG GCCGUUAGGC CGAA AAGACUGA	26907
5779	5251	UCUUCUGU U UAUGGCCU	8532	AGGCCAUA CUGAUGAG GCCGUUAGGC CGAA ACAGAAGA	26908
5780	5250	CUUCUGUU U AUGGCCUC	8533	GAGGCCAU CUGAUGAG GCCGUUAGGC CGAA AACAGAAG	26909
5781	5249	UUCUGUUU A UGGCCUCU	8534	AGAGGCCA CUGAUGAG GCCGUUAGGC CGAA AAACAGAA	26910
5788	5242	UAUGGCCU C UUUGAUGA	8535	UCAUCAAA CUGAUGAG GCCGUUAGGC CGAA AGGCCAUA	26911
5790	5240	UGGCCUCU U UGAUGAUC	8536	GAUCAUCA CUGAUGAG GCCGUUAGGC CGAA AGAGGCCA	26912
5791	5239	GGCCUCUU U GAUGAUCU	8537	AGAUCAUC CUGAUGAG GCCGUUAGGC CGAA AAGAGGCC	26913
5798	5232	UUGAUGAU C UGUGGCAG	8538	CUGCCACA CUGAUGAG GCCGUUAGGC CGAA AUCAUCAA	26914
5810	5220	GGCAGAAU C CUCCUUGU	8539	ACAAGGAG CUGAUGAG GCCGUUAGGC CGAA AUUCUGCC	26915
5813	5217	AGAAUCCU C CUUGUUUU	8540	AAAACAAG CUGAUGAG GCCGUUAGGC CGAA AGGAUUCU	26916
5816	5214	AUCCUCCU U GUUUUACC	8541	GGUAAAAC CUGAUGAG GCCGUUAGGC CGAA AGGAGGAU	26917
5819	5211	CUCCUUGU U UUACCGGC	8542	GCCGGUAA CUGAUGAG GCCGUUAGGC CGAA ACAAGGAG	26918
5820	5210	UCCUUGUU U UACCGGCG	8543	CGCCGGUA CUGAUGAG GCCGUUAGGC CGAA AACAAGGA	26919
5821	5209	CCUUGUUU U ACCGGCGC	8544	GCGCCGGU CUGAUGAG GCCGUUAGGC CGAA AAACAAGG	26920
5822	5208	CUUGUUUU A CCGGCGCC	8545	GGCGCCGG CUGAUGAG GCCGUUAGGC CGAA AAAACAAG	26921
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5842	5188	AUGGAGAU C CAGUACAG	8546	CUGUACUG CUGAUGAG GCCGUUAGGC CGAA AUCUCCAU	26922
	5183	GAUCCAGU A CAGUGAUC	8547	GAUCACUG CUGAUGAG GCCGUUAGGC CGAA ACUGGAUC	26923
5847		ACAGUGAU C UGUUUUUU	8548	AAAAAACA CUGAUGAG GCCGUUAGGC CGAA AUCACUGU	26924
5855	5175				
5859	5171	UGAUCUGU U UUUUCCUC	8549	GAGGAAAA CUGAUGAG GCCGUUAGGC CGAA ACAGAUCA	26925
5860	5170	GAUCUGUU U UUUCCUCA	8550	UGAGGAAA CUGAUGAG GCCGUUAGGC CGAA AACAGAUC	26926
5861	5169	AUCUGUUU U UUCCUCAG	8551	CUGAGGAA CUGAUGAG GCCGUUAGGC CGAA AAACAGAU	26927
5862	5168	UCUGUUUU U UCCUCAGC	8552	GCUGAGGA CUGAUGAG GCCGUUAGGC CGAA AAAACAGA	26928
5863	5167	CUGUUUUU U CCUCAGCA	8553	UGCUGAGG CUGAUGAG GCCGUUAGGC CGAA AAAAACAG	26929
5864	5166	UGUUUUUU C CUCAGCAU	8554	AUGCUGAG CUGAUGAG GCCGUUAGGC CGAA AAAAAACA	26930
5867	5163	UUUUUCCU C AGCAUCUC	8555	GAGAUGCU CUGAUGAG GCCGUUAGGC CGAA AGGAAAAA	26931
5873	5157	CUCAGCAU C UCAGGUUC	8556	GAACCUGA CUGAUGAG GCCGUUAGGC CGAA AUGCUGAG	26932
5875	5155	CAGCAUCU C AGGUUCGA	8557	UCGAACCU CUGAUGAG GCCGUUAGGC CGAA AGAUGCUG	26933
	5150	UCUCAGGU U CGAAUCCG	8558	CGGAUUCG CUGAUGAG GCCGUUAGGC CGAA ACCUGAGA	26934
5880			8559	CCGGAUUC CUGAUGAG GCCGUUAGGC CGAA AACCUGAG	26935
5881	5149	CUCAGGUU C GAAUCCGG			
5886	5144	GUUCGAAU C CGGCUGGG	8560	CCCAGCCG CUGAUGAG GCCGUUAGGC CGAA AUUCGAAC	26936
5897	5133	GCUGGGAU U GGCUCAUC	8561	GAUGAGCC CUGAUGAG GCCGUUAGGC CGAA AUCCCAGC	26937
5902	5128	GAUUGGCU C AUCCAUCC	8562	GGAUGGAU CUGAUGAG GCCGUUAGGC CGAA AGCCAAUC	26938
5905	5125	UGGCUCAU C CAUCCUUU	8563	AAAGGAUG CUGAUGAG GCCGUUAGGC CGAA AUGAGCCA	26939
5909	5121	UCAUCCAU C CUUUCACC	8564	GGUGAAAG CUGAUGAG GCCGUUAGGC CGAA AUGGAUGA	26940
5912	5118	UCCAUCCU U UCACCCUG	8565	CAGGGUGA CUGAUGAG GCCGUUAGGC CGAA AGGAUGGA	26941
5913	5117	CCAUCCUU U CACCCUGC	8566	GCAGGGUG CUGAUGAG GCCGUUAGGC CGAA AAGGAUGG	26942
5914	5116	CAUCCUUU C ACCCUGCA	8567	UGCAGGGU CUGAUGAG GCCGUUAGGC CGAA AAAGGAUG	26943
5925	5105	CCUGCACU A UCGCGCUU	8568	AAGCGCGA CUGAUGAG GCCGUUAGGC CGAA AGUGCAGG	26944
5927	5103	UGCACUAU C GCGCUUAU	8569	AUAAGCGC CUGAUGAG GCCGUUAGGC CGAA AUAGUGCA	26945
5933	5097	AUCGCGCU U AUGUAUGA	8570	UCAUACAU CUGAUGAG GCCGUUAGGC CGAA AGCGCGAU	26946
			8571	CUCAUACA CUGAUGAG GCCGUUAGGC CGAA AAGCGCGA	26947
5934	5096	UCGCGCUU A UGUAUGAG	<del></del>	<u></u>	26948
5938	5092	GCUUAUGU A UGAGCCGU	8572	ACGGCUCA CUGAUGAG GCCGUUAGGC CGAA ACAUAAGC	
5947	5083	UGAGCCGU U GGGCAUUA	8573	UAAUGCCC CUGAUGAG GCCGUUAGGC CGAA ACGGCUCA	26949
5954	5076	UUGGGCAU U AUGACUCC	8574	GGAGUCAU CUGAUGAG GCCGUUAGGC CGAA AUGCCCAA	26950
5955	5075	UGGGCAUU A UGACUCCA	8575	UGGAGUCA CUGAUGAG GCCGUUAGGC CGAA AAUGCCCA	26951
5961	5069	UUAUGACU C CAUUGCCA	8576	UGGCAAUG CUGAUGAG GCCGUUAGGC CGAA AGUCAUAA	26952
5965	5065	GACUCCAU U GCCAUAAA	8577	UUUAUGGC CUGAUGAG GCCGUUAGGC CGAA AUGGAGUC	26953
5971	5059	AUUGCCAU A AAGCCCAA	8578	UUGGGCUU CUGAUGAG GCCGUUAGGC CGAA AUGGCAAU	26954
5981	5049	AGCCCAAU C ACAUCACC	8579	GGUGAUGU CUGAUGAG GCCGUUAGGC CGAA AUUGGGCU	26955
5986	5044	AAUCACAU C ACCGUUUU	8580	AAAACGGU CUGAUGAG GCCGUUAGGC CGAA AUGUGAUU	26956
5992	5038	AUCACCGU U UUUGUCCA	8581	UGGACAAA CUGAUGAG GCCGUUAGGC CGAA ACGGUGAU	26957
5993	5037	UCACCGUU U UUGUCCAC	8582	GUGGACAA CUGAUGAG GCCGUUAGGC CGAA AACGGUGA	26958
	5036	CACCGUUU U UGUCCACU	8583	AGUGGACA CUGAUGAG GCCGUUAGGC CGAA AAACGGUG	26959
5994	<del>                                     </del>	ACCGUUUU U GUCCACUA			26960
5995	5035		8584	UAGUGGAC CUGAUGAG GCCGUUAGGC CGAA AAAACGGU	+
5998	5032	GUUUUUGU C CACUAUUG	8585	CAAUAGUG CUGAUGAG GCCGUUAGGC CGAA ACAAAAAC	26961
6003	5027	UGUCCACU A UUGGUGAG	8586	CUCACCAA CUGAUGAG GCCGUUAGGC CGAA AGUGGACA	26962
6005	5025	UCCACUAU U GGUGAGCC	8587	GGCUCACC CUGAUGAG GCCGUUAGGC CGAA AUAGUGGA	26963
6020	5010	CCUGAUGU U CCAGUGGG	8588	CCCACUGG CUGAUGAG GCCGUUAGGC CGAA ACAUCAGG	26964
6021	5009	CUGAUGUU C CAGUGGGG	8589	CCCCACUG CUGAUGAG GCCGUUAGGC CGAA AACAUCAG	26965
6034	4996	GGGGAAGU C CAAAGUCA	8590	UGACUUUG CUGAUGAG GCCGUUAGGC CGAA ACUUCCCC	26966
6041	4989	UCCAAAGU C ACGGCCCC	8591	GGGGCCGU CUGAUGAG GCCGUUAGGC CGAA ACUUUGGA	26967
6053	4977	GCCCGAU U UCUCCUUC	8592	GAAGGAGA CUGAUGAG GCCGUUAGGC CGAA AUCGGGGC	26968
6054	4976	CCCCGAUU U CUCCUUCA	8593	UGAAGGAG CUGAUGAG GCCGUUAGGC CGAA AAUCGGGG	26969
6055	4975	CCCGAUUU C UCCUUCAG	8594	CUGAAGGA CUGAUGAG GCCGUUAGGC CGAA AAAUCGGG	26970
6057	4973	CGAUUUCU C CUUCAGGU	8595	ACCUGAAG CUGAUGAG GCCGUUAGGC CGAA AGAAAUCG	26971
	<del></del>	<del>}</del>	<del></del>	<del></del>	<del></del>
6060		UUUCUCCU U CAGGUGUU	8596	AACACCUG CUGAUGAG GCCGUUAGGC CGAA AGGAGAAA	26972
6061	4969	UUCUCCUU C AGGUGUUU	8597	AAACACCU CUGAUGAG GCCGUUAGGC CGAA AAGGAGAA	26973
6068	4962	UCAGGUGU U UUGAACAC	8598	GUGUUCAA CUGAUGAG GCCGUUAGGC CGAA ACACCUGA	26974
6069	4961	CAGGUGUU U UGAACACC	8599	GGUGUUCA CUGAUGAG GCCGUUAGGC CGAA AACACCUG	26975
6070	4960	AGGUGUUU U GAACACCC	8600	GGGUGUUC CUGAUGAG GCCGUUAGGC CGAA AAACACCU	26976
6084	4946	CCCCUGGU U UCGUCUGG	8601	CCAGACGA CUGAUGAG GCCGUUAGGC CGAA ACCAGGGG	26977
6085	4945	CCCUGGUU U CGUCUGGA	8602	UCCAGACG CUGAUGAG GCCGUUAGGC CGAA AACCAGGG	26978
6086	4944	CCUGGUUU C GUCUGGAC	8603	GUCCAGAC CUGAUGAG GCCGUUAGGC CGAA AAACCAGG	26979
6089	4941	GGUUUCGU C UGGACGUU	8604	AACGUCCA CUGAUGAG GCCGUUAGGC CGAA ACGAAACC	26980
6097	4933	CUGGACGU U CUUAACGU	8605	ACGUUAAG CUGAUGAG GCCGUUAGGC CGAA ACGUCCAG	26981
6098	4932	UGGACGUU C UUAACGUU	8606		
<del></del>			+	AACGUUAA CUGAUGAG GCCGUUAGGC CGAA AACGUCCA	26982
6100	4930	GACGUUCU U AACGUUCU	8607	AGAACGUU CUGAUGAG GCCGUUAGGC CGAA AGAACGUC	26983

	W O 02	/00803 /	Tab	le VIII		PCI	7US01/48350	
6101	4929	ACGUUCUU A ACGUUCUU	8608		CUGAUGAG	GCCGUUAGGC	CGAA AAGAACGU	26984
6106	4924	CUUAACGU U CUUGCCAG	8609				CGAA ACGUUAAG	26985
6107	4923	UUAACGUU C UUGCCAGG	8610				CGAA AACGUUAA	
6109	4921	AACGUUCU U GCCAGGUU	8611				CGAA AGAACGUU	26986
6117	4913	UGCCAGGU U CCACCACA						26987
<del></del>			8612				CGAA ACCUGGCA	26988
6118	4912	GCCAGGUU C CACCACAA	8613				CGAA AACCUGGC	26989
6128	4902	ACCACAAU C AUCUGCAC	8614				CGAA AUUGUGGU	26990
6131	4899	ACAAUCAU C UGCACCUC	8615				CGAA AUGAUUGU	26991
6139	4891	CUGCACCU C AUCCUGCC	8616				CGAA AGGUGCAG	26992
6142	4888	CACCUCAU C CUGCCCGU	8617				CGAA AUGAGGUG	26993
6151	4879	CUGCCCGU U CCACUUGU	8618	ACAAGUGG	CUGAUGAG	GCCGUUAGGC	CGAA ACGGGCAG	26994
6152	4878	UGCCCGUU C CACUUGUG	8619	CACAAGUG	CUGAUGAG	GCCGUUAGGC	CGAA AACGGGCA	26995
6157	4873	GUUCCACU U GUGCUGCA	8620	UGCAGCAC	CUGAUGAG	GCCGUUAGGC	CGAA AGUGGAAC	26996
6168	4862	GCUGCAAU U UCCAGGGU	8621	ACCCUGGA	CUGAUGAG	GCCGUUAGGC	CGAA AUUGCAGC	26997
6169	4861	CUGCAAUU U CCAGGGUC	8622				CGAA AAUUGCAG	26998
6170	4860	UGCAAUUU C CAGGGUCC	8623				CGAA AAAUUGCA	26999
6177	4853	UCCAGGGU C CUCCGUAA	8624				CGAA ACCCUGGA	27000
6180	4850	AGGGUCCU C CGUAACAA	8625				CGAA AGGACCCU	
6184	4846	UCCUCCGU A ACAAAGUC	8626				CGAA ACGGAGGA	27001
6192	4838	AACAAAGU C GAUCCUCC						27002
6196		AAGUCGAU C CUCCUUGA	8627				CGAA ACUUUGUU	27003
	4834		8628				CGAA AUCGACUU	27004
6199	4831	UCGAUCCU C CUUGACAC	8629	<del></del>			CGAA AGGAUCGA	27005
6202	4828	AUCCUCCU U GACACUGC	8630	<del></del>			CGAA AGGAGGAU	27006
6217	4813	GCCCCAGU A UGGGUCCA	8631			GCCGUUAGGC		27007
6223	4807	GUAUGGGU C CAGGCGGC	8632	GCCGCCUG	CUGAUGAG	GCCGUUAGGC	CGAA ACCCAUAC	27008
6235	4795	GCGGCCCU C UCCGCUCA	8633	UGAGCGGA	CUGAUGAG	GCCGUUAGGC	CGAA AGGGCCGC	27009
6237	4793	GGCCCUCU C CGCUCAUC	8634	GAUGAGCG	CUGAUGAG	GCCGUUAGGC	CGAA AGAGGCC	27010
6242	4788	UCUCCGCU C AUCAAAGC	8635	GCUUUGAU	CUGAUGAG	GCCGUUAGGC	CGAA AGCGGAGA	27011
6245	4785	CCGCUCAU C AAAGCGGC	8636	GCCGCUUU	CUGAUGAG	GCCGUUAGGC	CGAA AUGAGCGG	27012
6255	4775	AAGCGGCU C CUUUUGUU	8637	AACAAAAG	CUGAUGAG	GCCGUUAGGC	CGAA AGCCGCUU	27013
6258	4772	CGGCUCCU U UUGUUGUA	8638	UACAACAA	CUGAUGAG	GCCGUUAGGC	CGAA AGGAGCCG	27014
6259	4771	GGCUCCUU U UGUUGUAU	8639				CGAA AAGGAGCC	27015
6260	4770	GCUCCUUU U GUUGUAUG	8640				CGAA AAAGGAGC	27016
6263	4767	CCUUUUGU U GUAUGCCA	8641	<del> </del>		GCCGUUAGGC		27017
6266	4764	UUUGUUGU A UGCCAAAG	8642			GCCGUUAGGC		27018
6291	4739	AAACACCU U CAACCAUC	8643	<del> </del>		GCCGUUAGGC		
6292	4738	AACACCUU C AACCAUCA	8644				CGAA AAGGUGUU	27019
6299	4731	UCAACCAU C ACGCCCGC						27020
6309			8645			GCCGUUAGGC		27021
	4721	CGCCCGCU C CUGCUUGA	8646				CGAA AGCGGGCG	27022
6315	4715	CUCCUGCU U GAUAACUG	8647				CGAA AGCAGGAG	27023
6319	4711	UGCUUGAU A ACUGCCGA	8648				CGAA AUCAAGCA	27024
6341	4689	CCACGAGU C AUGAUCCU	8649				CGAA ACUCGUGG	27025
6347	4683	GUCAUGAU C CUGUAGAC	8650				CGAA AUCAUGAC	27026
6352	4678	GAUCCUGU A GACGCCGG	8651				CGAA ACAGGAUC	27027
6365	4665	cceanean c enencece	8652	GGGGACAC	CUGAUGAG	GCCGUUAGGC	CGAA ACCACCGG	27028
6370	4660	GGUCGUGU C CCCCUUUU	8653	AAAAGGGG	CUGAUGAG	GCCGUUAGGC	CGAA ACACGACC	27029
6376	4654	GUCCCCCU U UUUGUACU	8654	AGUACAAA	CUGAUGAG	GCCGUUAGGC	CGAA AGGGGGAC	27030
6377	4653	UCCCCCUU U UUGUACUC	8655				CGAA AAGGGGGA	27031
6378	4652	CCCCCUUU U UGUACUCC	8656				CGAA AAAGGGGG	27032
6379	4651	CCCCUUUU U GUACUCCU	8657				CGAA AAAAGGGG	27033
6382	4648	CUUUUUGU A CUCCUUUG	8658				CGAA ACAAAAAG	27034
6385	4645	UUUGUACU C CUUUGGUG	8659				CGAA AGUACAAA	<del> </del>
6388	4642	GUACUCCU U UGGUGAGG	8660				CGAA AGGAGUAC	27035
6389	4641	UACUCCUU U GGUGAGGG	8661				CGAA AAGGAGUAC	27036
6403	4627	GGGAGUGU C CCACAACA						27037
6417	4613	ACACGCCU C CUCUCUUU	8662				CGAA ACACUCCC	27038
6420			8663				CGAA AGGCGUGU	27039
<del></del>	4610	CGCCUCCU C UCUUUGUG	8664				CGAA AGGAGGCG	27040
6422	4608	CCUCCUCU C UUUGUGUA	8665				CGAA AGAGGAGG	27041
6424	4606	UCCUCU U UGUGUAUU	8666				CGAA AGAGAGGA	27042
6425	4605	CCUCUCUU U GUGUAUUG	8667	CAAUACAC	CUGAUGAG	GCCGUUAGGC	CGAA AAGAGAGG	27043
6430	4600	CUUUGUGU A UUGGAGAG	8668	CUCUCCAA	CUGAUGAG	GCCGUUAGGC	CGAA ACACAAAG	27044
6432	4598	UUGUGUAU U GGAGAGUU	8669	AACUCUCC	CUGAUGAG	GCCGUUAGGC	CGAA AUACACAA	27045
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	WO 02/	068637	T-1-1	vmr	PC1/	US01/48350	
				VIII	JGAG GCCGUUAGGC	CCA A ACTICUTOCA	27046
6440	4590	UGGAGAGU U AUCCAAAA	8670				
6441	4589	GGAGAGUU A UCCAAAAU	8671		JGAG GCCGUUAGGC		27047
6443	4587	AGAGUUAU C CAAAAUCC	8672		JGAG GCCGUUAGGC		27048
6450	4580	UCCAAAAU C CAACUACU	8673		JGAG GCCGUUAGGC		27049
6456	4574	AUCCAACU A CUGAGGGC	8674		JGAG GCCGUUAGGC		27050
6470	4560	GGCAAGAU U GCCCAGGG	8675		JGAG GCCGUUAGGC		27051
6484	4546	GGGGGUGU A CGCACUAA	8676	UUAGUGCG CUGAI	JGAG GCCGUUAGGC	CGAA ACACCCCC	27052
6491	4539	UACGCACU A AUCGCGAG	8677	CUCGCGAU CUGAI	JGAG GCCGUUAGGC	CGAA AGUGCGUA	27053
6494	4536	GCACUAAU C GCGAGACA	8678	UGUCUCGC CUGAI	JGAG GCCGUUAGGC	CGAA AUUAGUGC	27054
6509	4521	CAGACCAU U CUGAGCAU	8679	AUGCUCAG CUGAI	JGAG GCCGUUAGGC	CGAA AUGGUCUG	27055
6510	4520	AGACCAUU C UGAGCAUC	8680	GAUGCUCA CUGAI	JGAG GCCGUUAGGC	CGAA AAUGGUCU	27056
6518	4512	CUGAGCAU C CAUAUCUU	8681	AAGAUAUG CUGA	JGAG GCCGUUAGGC	CGAA AUGCUCAG	27057
6522	4508	GCAUCCAU A UCUUCCAA	8682	UUGGAAGA CUGAI	JGAG GCCGUUAGGC	CGAA AUGGAUGC	27058
6524	4506	AUCCAUAU C UUCCAAGG	8683		UGAG GCCGUUAGGC		27059
6526	4504	CCAUAUCU U CCAAGGUG	8684		JGAG GCCGUUAGGC		27060
<del></del>		CAUAUCUU C CAAGGUGC	8685		UGAG GCCGUUAGGC		27061
6527	4503				UGAG GCCGUUAGGC		27062
6537	4493	AAGGUGCU C CUGGAUCA	8686				<del> </del>
6544	4486	UCCUGGAU C AUUCAUGA	8687		UGAG GCCGUUAGGC		27063
6547	4483	UGGAUCAU U CAUGAGCU	8688		UGAG GCCGUUAGGC		27064
6548	4482	GGAUCAUU C AUGAGCUG	8689		UGAG GCCGUUAGGC	<del> </del>	27065
6562	4468	CUGGAAGU U UCCAUCAU	8690		UGAG GCCGUUAGGC		27066
6563	4467	UGGAAGUU U CCAUCAUC	8691		UGAG GCCGUUAGGC		27067
6564	4466	GGAAGUUU C CAUCAUCA	8692		UGAG GCCGUUAGGC		27068
6568	4462	GUUUCCAU C AUCAUCAA	8693	UUGAUGAU CUGA	UGAG GCCGUUAGGC	CGAA AUGGAAAC	27069
6571	4459	UCCAUCAU C AUCAAGCC	8694		UGAG GCCGUUAGGC		27070
6574	4456	AUCAUCAU C AAGCCGCA	8695	UGCGGCUU CUGA	UGAG GCCGUUAGGC	CGAA AUGAUGAU	27071
6586	4444	CCGCACAU C AACUCUUU	8696	AAAGAGUU CUGA	UGAG GCCGUUAGGC	CGAA AUGUGCGG	27072
6591	4439	CAUCAACU C UUUCGCUC	8697	GAGCGAAA CUGA	UGAG GCCGUUAGGC	CGAA AGUUGAUG	27073
6593	4437	UCAACUCU U UCGCUCGA	8698	UCGAGCGA CUGA	UGAG GCCGUUAGGC	CGAA AGAGUUGA	27074
6594	4436	CAACUCUU U CGCUCGAG	8699	CUCGAGCG CUGA	UGAG GCCGUUAGGC	CGAA AAGAGUUG	27075
6595	4435	AACUCUUU C GCUCGAGC	8700		UGAG GCCGUUAGGC		27076
6599	4431	CUUUCGCU C GAGCCUGU	8701		UGAG GCCGUUAGGC		27077
6608	4422	GAGCCUGU A AUUUCUGC	8702		UGAG GCCGUUAGGC		27078
6611	4419	CCUGUAAU U UCUGCAUC	8703		UGAG GCCGUUAGGC		27079
6612	4418	CUGUAAUU U CUGCAUCA	8704		UGAG GCCGUUAGGC		27080
6613	4417	UGUAAUUU C UGCAUCAC	8705		UGAG GCCGUUAGGC		27081
<del></del>					UGAG GCCGUUAGGC		27082
6619	4411	UUCUGCAU C ACUUUCCC	8706				
6623	4407	GCAUCACU U UCCCAGGA	8707		UGAG GCCGUUAGGC		27083
6624	4406	CAUCACUU U CCCAGGAA	8708		UGAG GCCGUUAGGC		27084
6625	4405	AUCACUUU C CCAGGAAA	8709		UGAG GCCGUUAGGC		27085
6637	4393	GGAAAUGU C CGCCGUUC	8710		UGAG GCCGUUAGGC		27086
6644	4386	UCCGCCGU U CUCUCAAU	8711		UGAG GCCGUUAGGC		27087
6645	4385	CCGCCGUU C UCUCAAUC	8712		UGAG GCCGUUAGGC		27088
6647	4383	GCCGUUCU C UCAAUCCA	8713	UGGAUUGA CUGA	UGAG GCCGUUAGGC	CGAA AGAACGGC	27089
6649	4381	CGUUCUCU C AAUCCACA	8714		UGAG GCCGUUAGGC		27090
6653	4377	CUCUCAAU C CACAUAUC	8715	GAUAUGUG CUGA	UGAG GCCGUUAGGC	CGAA AUUGAGAG	27091
6659	4371	AUCCACAU A UCUGUUGA	8716	UCAACAGA CUGA	UGAG GCCGUUAGGC	CGAA AUGUGGAU	27092
6661	4369	CCACAUAU C UGUUGAUU	8717	AAUCAACA CUGA	UGAG GCCGUUAGGC	CGAA AUAUGUGG	27093
6665	4365	AUAUCUGU U GAUUUCCC	8718	GGGAAAUC CUGA	UGAG GCCGUUAGGC	CGAA ACAGAUAU	27094
6669	4361	CUGUUGAU U UCCCAGAA	8719		UGAG GCCGUUAGGC		27095
6670	4360	UGUUGAUU U CCCAGAAA	8720		UGAG GCCGUUAGGC		27096
6671	4359	GUUGAUUU C CCAGAAAU	8721		UGAG GCCGUUAGGC		27097
6680	4350	CCAGAAAU C ACGAAAGC	8722		UGAG GCCGUUAGGC		27098
6710	4320	CCCGCGAU A GUCAUUGG	8723		UGAG GCCGUUAGGC		27099
6713	<del></del>	GCGAUAGU C AUUGGAAU			UGAG GCCGUUAGGC		<del></del>
	4317	<del></del>	8724	<del></del>			27100
6716	4314	AUAGUCAU U GGAAUGGC	8725		UGAG GCCGUUAGGC		27101
6733	4297	CAUGGAGU C AAUGUCAA	8726		UGAG GCCGUUAGGC		27102
6739	4291	GUCAAUGU C AAGCUCUG	8727		UGAG GCCGUUAGGC		27103
6745	4285	GUCAAGCU C UGCCAGCC	8728		UGAG GCCGUUAGGC		27104
6756	4274	CCAGCCCU C CGACGAUG	8729		UGAG GCCGUUAGGC		27105
6773	4257	GCAAACAU U AGGCCGAC	8730		UGAG GCCGUUAGGC		27106
6774	4256	CAAACAUU A GGCCGACA	8731	UGUCGGCC CUGA	UGAG GCCGUUAGGC	CGAA AAUGUUUG	27107

6791   4239   GEOURICAD C. ACUCUAGU   6732   GRADIGARI CIGARURAG GEORALAGE CORA ARGACIGO   27105   6735   4235   UGALECACU C. ACUCUAGU   8736   4234   COCAACOG CORAAUGA GEORALAGE CORA ARGACIGO   27105   6736   4234   CAUCUAGU C. AGUUGAGG   8736   COCAACOG CORAAUGA GEORALAGE CORAA ARGACIGA   27105   6736   4234   ACUCUAGU C. AGUUGAGG   8736   UGACACOG CORAAUGA GEORALAGE CORAA ARGACIGA   27111   6810   4230   ACULUAGU C. GOGGUULA   8736   UGACACOG CORAAUGA GEORALAGE CORAA ARGACIGA   27111   68110   4230   ACULUAGU C. GOGGUULA   8738   UGACACOG CORAAUGA GEORALAGE CORAA ARGACIGA   27111   68110   4234   AUCOGGUU C. AGUUGAGG C. 8736   UGACACOG CORAAUGAG GEORALAGE CORAA ARGACIGA   27111   68121   4212   AUCOGGUU C. AGUUGAGG C. 8736   CACACOG C. GUARUAGA GEORALAGE CORAA ARGACIGA   27115   68121   4212   AUCOGGUULA C. GOGGUULA C. AGUUGAGA   8739   CALACOG C. GUARUAGA GEORALAGE CORAA ARGACIGA   27115   68121   4212   COCOGUULA C. GOGUUGAGA   8739   CALACOG C. GUARUAGA GEORALAGE C. GORAA ARGACIGA   27115   6822   4207   UULAGGUU C. GAUGAGA   8742   UUGACACOG C. GUARUAGA GEORALAGE C. GORAA ARGACIGA   27115   6823   4207   UULAGGUU C. GAUGAGA   8742   UUGACACOG C. GUARUAGA GEORALAGE C. GORAA ARGACIGA   27115   6839   4131   CARACOGU C. GAUGAGA   8744   UUCAGACO C. GUARUAGA GEORALAGE C. GORAA ARGACIGA   27115   6839   4131   CARACOGU C. GAUGAGA   8744   UUCAGACO C. GUARUAGA GEORALAGE C. GORAA ARGACIGA   27115   6857   4173   GUARUAGA C. AGUGGAGA   8744   UUCAGACO C. GUARUAGA GEORALAGE C. GORAA ARGACICA   27112   6857   4173   GUARUAGA C. GUARGAGA   8745   ACCACOCA C. GUARUAGA GEORALAGE C. GORAA ARGACICA   27112   6857   4173   GUARUAGA C. GUARGAGA C. AGUUCAGA   8746   CACACOCA C. GUARUAGA GEORALAGE C. GORAA ARGACICA   27112   6857   4173   GUARUAGA C. GUARUAGA C. GUARUAGA GEORALAGE C. GORAA ARGACICA   27112   6857   4173   GUARUAGA C. GUARUAGA C. GUARUAGA GEORALAGA C. GORAA ARGACICA   27112   6857   4173   GUARUAGA C. GUARUAGA C. GUARUAGA G. GUARUAGA G. GUARUAGA G. GUARUAGA G. GUARUAGA C. GUARUAGA C. GUARUAGA C. GUARUAGA		*****	,, 00005 /	Tab	le VIII	
6795   4235   CORUNGAY C NASUUGASI   8738   ACIOARAGI COSANAS   COSAN ASSIGNATION   27110   6796   4234   CAUDACHU C NASUUGASI   8735   COSCARGU CUSANAS   COSAN ASSIGNATION   27111   6800   4230   ACUUCAGU U COSASSICA   8735   COSCARGU CUSANAS   COSAN ASSIGNATION   27111   6810   4230   ACUUCAGU U COSASSICA   8736   COSCARGU CUSANAS   COSAN ASSIGNATION   27111   6811   4221   ACUUCAGU U CUSASSICA   8736   TUSACCCCI CUSANAS   COSAN ASSIGNATION   27111   6812   4221   ACUUCAGU U ULAGSSUUG   8738   CARACCCI CUSANUGA   COSAN ASSIGNATION   27111   6814   4213   UCCOCCUSUU U ACOSSUUGA   8738   CARACCCI CUSANUGA   COSAN ASSIGNATION   27111   6812   4212   COCCUSUUM A COSSUUGA   8740   COCARCO CUSANUGA   COSAN ASSIGNATION   27111   6813   4212   COCCUSUUM A COSSUUGA   8740   COCARCO CUSANUGA   COSAN ASSIGNATION   27111   6813   4212   COCCUSUUM A COSSUUGA   8740   COCARCO CUSANUGA   COSAN ASSIGNATION   27111   6829   4201   GUIUSCASSI   CARACCCAS   8743   COCARCO CUSANUGA   COSAN ASSIGNATION   27111   6829   4201   GUIUSCASSI   CARACACCAS   8743   COCARCO CUSANUGA   COSAN ASSIGNATION   27112   6829   4201   CANACACCAS   CARACACCAS   8744   COCARCO CUSANUGA   COSAN ASSIGNATION   27112   6843   4187   CANACACCAS   CARACACCAS   8744   COCARCO CUSANUGA   COSAN ASSIGNATION   27112   6855   4155   CANACACCAS   CARACACCAS   8746   CACCUCUCU   CUSANUGA   COCCULAGO   COSAN ASSIGNATION   27112   6855   4155   CANACACCAS   CUSANCACCAS	6788	4242	ACAGCUGU C AUCACUUC	8732	GAAGUGAU CUGAUGAG GCCGUUAGGC CGAA ACAGCUGU	27108
67956   4235   UGANCACU U CAGUUGGS   8734   COCAACUS CUGAURAG   SCCQUUAGGC CORA ARQUARDA   27111	6791	4239	GCUGUCAU C ACUUCAGU	8733		
6996   4234   CAUDEAGU   OSGOSCAN   6735   COGCIACU CURAURAG   SCRUILAGE CARA ANUGARU   27112	6795	4235	UCAUCACU U CAGUUGCG	8734		
6800   4230   ACUUCAGU U GOGGOCA   8736   UGGCCGC CUGAUGAG GCCGULAGAG CARAGE   77113	6796	4234	CAUCACUU C AGUUGCGG	8735		
6810   4220	6800	4230	ACUUCAGU U GCGGGCCA	8736		
6817   4213   LUCCOCCULU U LACOGUUGO   8738   CAACCULU QUALUDAR GECCULUAGE COLA ACCICIQUA   6818   4212   LUCCOCCULU U ACGUUGO   8740   CCCAACCG CURALIDAS GECCULUAGE COLA ALACCICOS   27115   6818   4212   COCOCULU A COGUUGO   8740   CCCAACCG CURALIDAS GECCULUAGE COLA ALACCICOS   27115   6823   4401   UTURGASU U GERALICA   8741   UTURCAUCU CURALIDAS GECCULUAGE COLA ALACCICA   27116   6823   44191   CULUCULU C ARUCCARC   8741   UTURCAUCU CURALIDAS GECCULUAGE COLA ALACCICA   27116   6823   44191   CULUCULU C CARCACCA   8742   UTURCAUCU CURALIDAS GECCULUAGE COLA ALACCICA   27116   6823   44191   CULUCULU C CARCACCA   8743   OCTORACE CURALIDAS GECCULUAGE COLA ALUCCARC   27118   6824   41197   CALACIAL C ARUCCARC   8744   UTURCAUCU CURALIDAS GECCULUAGE COLA ALUCCARC   27116   6825   4157   CALACIACIA C ARUCCARC   8744   UTURCAUCU CURALIDAS GECCULUAGE COLA ALUCCARC   27126   6825   4157   CALACIACIA C ARUCCARC   8744   UTURCAUCU CURALIDAS GECCULUAGE COLA ALUCCARC   27124   6827   4157   CALACIACIA C ARUCCARC   8744   ALUCCARC CURALIDAS GECCULUAGE COLA ALUCCARC   27124   6828   4157   CALACIACIA C ARUCCARC   8744   ALUCCARC CURALIDAS GECCULUAGE COLA ALUCCARC   27124   6829   4157   CALACIAC A GARACCUL   8746   CALCULUTUR   27124   6829   4157   CALACIAC A ARUCCARC   8748   CALCULUA   27124   6829   4157   CALACIAC A ARUCCARC   8748   CALCULUA   8750   ARUCCARC   27124   6829   4157   CALCULUCULU   8750   ARUCCARC   CURALIDAS GECCULUAGE COLA ARUCCARC   27126   6839   4153   ACCACACA A AGCACAC   3749   CUUCAGUC CURALIDAS GECCULUAGE COLA ARUCCARCA   27126   6910   4151   CALCULUCULU   8752   ARACACAC   CURALIDAS GECCULUAGE COLA ARUCCARCA   27126   6911   4114   CALCULUCUL I CUULUULU   8752   ARACACAC   CURALIDAS GECCULUAGE COLA ARUCCARCA   27126   6912   4118   UTUCCARC   UTUCCARC   8756   CALCULUAGE GECCULUAGE COLA ARUCAACA   27126   6913   4117   CALCULUCUL I UTUCCARC   8756   CALCULUAGE GECULUAGE GECCULUAGE COLA ARUCAACA   27126   6913   4117   CALCULUA I UTUCCARCA   8756   CALCULUA GE GECCULUAGE COLA ARUCAACA   2712			CGGGCCAU C CGCGUUUA			
6817   4213   UCCOCGUU U ACQUIUGGG   8739   CCCAACCGG COGAURGG CCCGULUAGGC CGGA AACGGGGA   271156   6818   4212   COCCCUUU L CCGUUUGGG   8740   GURAUCCC CUGAUGGG CCCGUAGGG CCGA AACGGGGA   27116   6829   4201   UTURCGGGU C ACAUGCCA   8741   GURAUCCC CUGAUGGG CCCGUAGGG CGGA AACGGGGA   27116   6829   4191   CAURCANI C AGUCCACC   8743   GURAUCCC CUGAUGGG CCCGUAGGG CGGA AUCCCANC   27117   6843   4197   CAURCANI C AGUCCACC   8744   UCCUGGUG CUGAUGGG CCCGUAGGG CGGA AUCCCANC   27118   6843   4197   CAURCANI C AGUCCACC   8744   UCCUGGUG CUGAUGGG CCCGAA ACCCGAUC   27121   6845   4197   CAURCANI C AGUCCACC   8744   UCCUGGUG CUGAUGGG CCCGAA ACCCGAUC   27121   6857   4173   CCAAGGGU C CUGAUGGG   8745   GACCCAUC CUGAUGGG CCCGAA ACCCCAUC   27121   6858   4155   CAAGGCAC C CUGAUGGG CCCGAA ACCCCAUC   27126   6859   4157   UGAAAGGU C CUGUUGGG   8746   CUCACCCC CUGAUGGG CCCGAA ACCCCAUC   27126   6859   4154   UUCACCCCU C CUGAUGGG   8748   CUCACCCC CUGAUGGG CCCGAA ACCCCAUC   27126   6895   4155   ACCAACCU L GAGCCAAC   8754   CUCACCCC CUGAUGGG CCCGAA ACCCCAUC   27126   6895   4154   UUCACCCCU C GUGUUGGG   8754   CUCACCCC CUGAUGGG CCCGAA ACCCCAUC   27127   6895   4155   ACCAACCU L GUCUCUUU   8751   AAAGGGAC CUGAUGGG CCCGAA ACCCCACCAC   6995   4125   AACCACCU C CUUUUUU   8752   AAAGGGAC CUGAUGGG CCCGAA ACCCACCAC   6995   4125   AACCACCU C CUUUUUU   8753   AAAGGAAC CUGAUGGG CCCCAA ACCACGCC   6991   4111   UUCACCCCU C UUUUUU   8753   AAAAGGAC CUGAUGGG CCCCAA ACCACGCC   6912   4111   UUCACCCCU C UUUUUU   8753   AAAAGGAC CUGAUGGG CCCCAA ACCACGCC   6913   4111   UUCACCCCU C UUUUUU   8753   AAAAGGAC CUGAUGGG CCCAA ACCACGC   6914   4116   UUCACCCCU C UUUUUU   8755   AAAAGGAC CUGAUGGG CCCGAA ACCACGC   6914   4116   UUCACCCCU C UUUUUU   8756   ACCCCACC CUGAUGGG CCCGAA ACCACGC   6914   4116   UUCACCCCU C UUUUUU   8756   AAAGGAC CUGAUGGG CCCGAA ACCACGC   6914   4116   UUCACCCCU C UUUUUU   8756   AAAAGGAC CUGAUGGG CCCGAA ACCACGC   6914   4116   UUCACCCCU C UUUUUU   8756   AAAAGGAC CUGAUGGG CCCGAA ACCACGC   6914   4116   UUCACCCC C UUUUUC   875		<del></del>	<u> </u>			
6918   4212   COCOSUMU A COSUMURGE   8740   COCAACCC GUGANGA GCGUNAGG CGAA AAACGGGG   6714   6829   4191   GUUGAGGU U GOGANGAC   8742   GUUGAGGU GUGANGAG GCGUNAGG CGAA AACGGGG   7115   6829   4191   GUUGAGGU C ACAGCACA   8744   GUCGAGC GUGANGAG GCGGUNAGG CGAA ANGCCAGC   72115   6831   4197   CANDGAGU C CACACACA   8744   GUCGAGC GUGANGAG GCGGAA ANGCCAGC   72116   6857   4173   CANDGAGU C CACACACA   8744   GUCGAGC GUGANGAG GCGGAA ANGCCAGU   72115   6857   4173   CANDGAGU C CACACACA   8744   GUCGAGC GUGANGAG GCGGAA ANGCCAGU   72126   6857   4175   GANAGAGU C CAGACACA   8744   GACCCAG CUGANGAG GCGCUNAGC CGAA ACCCAGU   72126   6857   4175   GANAGAGU C CAGACACA   8744   GACCCAG CUGANGAG GCGCUNAGC CGAA ACCCAGU   72126   6857   4155   GANAGAGU C CUGANGAG B747   CUCACACA   CUCACACA   6744   GACCUACA   6746   6857   4155   GANAGAGC C CUGANGAG GCGUNAGG CGAA ACCCAGU   72126   6857   4155   GANAGAGU C CUGANGAG CAGACACACACA   8748   CURACACA   CUCACACA   6857   4151   CUURACACA   CUCACACA   8748   CURACACA   CUCACACA   6857   4151   CUURACACA   CUCACACA   6748   CUCACACA   6748   6857   4151   CUCACACA   CUCACACA   8751   CUCACACA   CUCACACA   6748   6748   6748   6748   6748   6748   6748   6748   6748   6748   6748   6748   6748   6748   6748   6748   6748   6748   6748   6748   6748   6748   6748   6748   6748   6748   6748   6748   6748   6748   6748   6748   6748   6748   6748   6748   6748   6748   6748   6748   6748   6748   6748   6748   6748   6748   6748   6748   6748   6748   6748   6748   6748   6748   6748   6748   6748   6748   6748   6748   6748   6748   6748   6748   6748   6748   6748   6748   6748   6748   6748   6748   6748   6748   6748   6748   6748   6748   6748   6748   6748   6748   6748   6748   6748   6748   6748   6748   6748   6748   6748   6748   6748   6748   6748   6748   6748   6748   6748   6748   6748   6748   6748   6748   6748   6748   6748   6748   6748   6748   6748   6748   6748   6748   6748   6748   6748   6748   6748   6748   6748   6748   6748   6748   6748   6748   6748   6748						
5822   4207   UNILACIGU U GURIANCIA   6741   GURIANICO CURATIGA   GECULUAGIC CORA ACCURAN   27117     5839   4191   CRUZCARIO CARUCCARC   8743   GURIANICO CURATIGA   GECULUAGIC CORA AUTUCICAC   77119     5841   4187   CANUCCARU CARUCCARC   8744   GURIANICO CURATIGA   GECULUAGIC CORA AUTUCICAC   77119     5845   4173   CANUCCARU CARUCCARC   8744   GURIANICO CURATIGA   GECULUAGIC CORA AUTUCICAC   77120     5857   4173   CANUCCARU CARUCCARC   8744   GURIANICO CURATIGA   GECULUAGIC GURA AUTUCICAC   77121     5858   4155   CANUCCARU CARUCCARU CURATIGA   GECULUAGIC GURA AUTUCICAC   77121     5878   4157   URRARAGO C CURUTURA   8746   GACULUUC CURATIGA   GECULUAGIC GURA ACCUCARU   77124     5878   4157   URRARAGO C CURUTURA   8746   GACULUUC CURATIGA   GECULUAGIC GURA ACCUCARU   77124     5878   4157   URRARAGO C ARACCULU   8741   MURICARU CURACACU CURATIGA   GECULUAGIC GURA ACCUCARU   77124     5878   4158   URRARAGO L AGRACCUL   8751   AAGUCARU CURACACU CURATIGA   GECULUAGIC GURA AUTUCUCA   77124     5878   4158   URRARAGO L CURUTUULU   8751   AAGUCARU CURATIGA   GECULUAGIC GURA AUTUCUCA   77124     5895   4125   ABCARAGU U CULUULUU   8751   AAAGGARC CURATIGA   GECULUAGIC GURA AUTUCUCA   77124     5990   4121   GACUUGUU U CULUULUU   8752   AAAGGARC CURATIGA   GECULUAGIC GURA AUTUCUCA   77128     5911   4117   URUCCUCU U CULUULUU   8752   AAAGGARC CURATIGA   GECULUAGIC GURA AUTUCUCA   77128     5911   4117   GURICUCUU U UUTUGAGA   8756   CARAARA CUGARURA   GECULUAGIC GURA AUTUCUCA   77128     5911   4117   GURICUCUU U UUTUGAGA   8756   CARAARA CUGARURA   GECULUAGIC GURA AUTUCA   77134     5912   4118   URUCCUCU U UUTUGAGA   8756   CARAARA CUGARURA   GECULUAGIC GURA AUTUCA   77134     5914   4116   GURICUUU U UUTUGAGA   8756   CUGARURA CUGARURA   GECULUAGIC GURA ARAGRACA   77137     5914   4116   GURICUUU U UUTUGAGA   8756   CUGARURA CUGARURA   GECULUAGIC GURA AUTUCA   77134     5914   4116   CURUCUUU U UUTUGAGA   8756   CUGARURA CUGARURA   GECULUAGIC GURA AUTUCA   77134     5914   4116   CURUCUUU U UUTUGAGA   8756	<del></del>				<del></del>	
6899   4191   GIUGGAIT C ALUGCANA   8742   UUGCATURI CIDAURAG GCCGULAGGC CORA AUGCCCAC   77119   6843   4187   CANGARGU C MAGGACC   8744   UGCUGCUG CIDAURAG GCCGULAGGC CORA AUGCCCAC   7719   6845   4187   CANGARGU C CANGARGA   7715   AACCCCAU CIDAURAG GCCGULAGGC CORA AUGCCCAC   7712   6857   4187   CANGARGU C CANGARGU C AUGCCCCC CUGAURAG GCCGULAGGC CORA AUGCCCAC   7712   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715   7715		<del></del>			<del> </del>	
6813   4191   CAUGCAMI C AGUCCARC   8743   GCUGARCI CIDARIGAI GCCGULAGGI CORA AUTUGCANO   271219   68157   4173   CANICAGII C ANGOGRUU   8745   NACCICCAU CUGARURA GCCGULAGGI CORA AUTUGCANO   27122   68157   4173   GCRAGGRU C ANGOGRUU   8745   NACCICCAU CUGARURA GCCGULAGGI CORA AUTUGCAN   27122   68158   4155   UGRAGARU C CUGUUGAG   8746   GACUULUC CUGARURA GCCGULAGGI CORA AUCUCUC   27123   68173   4157   UGRAGARU C CUGUUGAG   8746   GACUULUC CUGARURA GCCGULAGGI GORA ACCICCAU   27123   68174   4157   SAUCCUGU U GAGCCLAR   8748   CURACCCC CUGARURA GCCGULAGGI GORA ACCICCAU   27124   68195   4151   UUGAGACU CUCA   AGACCLAR   8748   CURACCCC CUGARURA GCCGULAGGI GORA ACCICCAU   27124   68195   4152   NAGUCUGU U GAGCCLAR   8759   NAGUCUGC CUGARURA GCCGULAGGI CORA AUGCUUGC   27124   68195   4153   NAGUCUGU U GUUUCUU   8751   NAGUCUGC CUGARURA GCCGULAGGI CORA AUGCUUGC   27126   69105   4125   AGCAGACU U GUUUCUU   8752   NAGUCUGC CUGARURA GCCGULAGGI CORA AGCAGGU   27126   69124   4116   UUGCUGUU U UUUUCUGA   8752   NAGUCUGC CUGARURA GCCGULAGGI CORA AGCAGGU   27126   69124   4116   UUGCUGUU U UUUUCUGA GTS   ANAGAGAG CUGARURA GCCGULAGGI CORA AGCAGGC   27126   69124   4116   UUGCUGUU U UUUUCUGA GTS   6754   CARARARG CUGARURA GCCGULAGGI CORA AGCAGGC   27126   69124   4116   UUGCUGUU U UUUUCAG GTS   6755   CCRARARA CUGARURA GCCGULAGGI CORA ARAGGRAC   27131   69124   4116   UUCCUUUU U UUUCCAG   8755   GCRARARA CUGARURA GCCGULAGGI CORA ARAGGRAC   27136   69126   4114   UUCCUUUU U UUUCCAG   8755   GCAGCARA CUGARURA GCCGULAGGI CORA ARAGGRAC   27136   69127   4113   CUCUUCUU U UUUCCAG   8756   AGCUGCA CUGARURA GCCGULAGGI CORA ARAGGRAC   27137   69136   4117   UUCCUUUU U UUCCAGCU   8758   AGCUGCA CUGARURA GCCGULAGGI CORA ARAGGRAC   27137   69137   4113   CUCUUCUU U UUCCAGCU   8758   AGCUGCA CUGARURA GCCGULAGGI CORA ARAGGRAC   27137   69138   4112   CUUUCUU U UUCCAGCU   8758   AGCUGCA CUGARURA GCCGULAGGI CORA ARAGGRAC   27137   69139   4111   UUCCUUUU U UUCCAGCU   8758   AGCUGCA CUGARURA GCCGULAGGI CORA ARAGGRAC   27137   69130			<del></del>	<del></del>	·	
6857   4157   CAMICAGU   C. CINCAGCA   8744   USCUIGCUIG CIDANIGAG   GCCSUIMAGIC CORA, AUCCUAU   C. CIDALIGA   C	<del></del>	<del></del>	<del> </del>		+	
6865   4173	<del></del>				<del> </del>	
68673   4157   UGADAGOU U GARAAGUC   8746   GACUUUUC CUGAUGAG GCGUUAGGC CGAA ACCCUAUG 27122   68784   4152   AGUICCUGU U GAGGCUAG 8749   CUCACAGA (CUCAUGAG CUCAUGAGC CGAA ACCUUUUCA 27124   6885   4145   UUGAGGCU A GAGCCAG 8749   CUCACAGA (CUCAUGAG GCGUUAGGC CGAA ACCUCACA 27125   6895   4133   CCAAGCAU A GAGCCAG 8749   CUCACAGC CUCAUGAG GCCGUUAGGC CGAA ACCUCACA 27126   6995   4125   AGCAGACU I A GACCAGCU 8755   AAAGAAG CUCAUGAG GCCGUUAGGC CGAA AGCCUCCU 27127   6990   4121   GACUUGCU C CUUUCUUU 8752   AAAGAAG CUCAUGAG GCCGUUAGGC CGAA AGCCUCCU 27127   6910   4121   GACUUGCU U CUUUUUUU 8753   AAAGAAG CUCAUGAG GCCGUUAGGC CGAA AGCCUCCU 27127   6911   4116   GCCCCUU C CUUUUUUU 8753   AAAAGAAG CUCAUGAG GCCGUUAGGC CGAA AGCCUCCU 27127   6912   4118   UUCUUCUU U UUUUUGC 8755   CAAAAAAA CUGAUGAG GCCGUUAGGC CGAA AGCAGCC 27131   6914   4116   GCCCUUU C UUUUUUGC 8755   CAAAAAAA CUGAUGAG GCCGUUAGGC CGAA AAAGAGAC 27139   6917   4113   UCCUUUCUU U UUUUGCAGC 8755   CCCAAAAAA CUGAUGAG GCCGUUAGGC CGAA AAAGAAGAC 27139   6918   4112   UUCUUUUU U UUGCAGCU 8755   CACAAAAAA CUGAUGAG GCCGUUAGGC CGAA AAAGAAGAC 27131   6919   4111   UUUCUUUU U UUGCAGCU 8755   CACAAAAAA CUGAUGAG GCCGUUAGGC CGAA AAAGAAGAC 27131   6919   4111   UUUCUUUU U U UUCCACCU 8756   AAGCCAAGC CUGAUGAG GCCGUUAGGC CGAA AAAGAAAG 27136   6920   4110   UUUCUUUU U U UCCACCU 8756   AAGCCAAGC CUGAUGAGC GCGUUAGGC CGAA AAAGAAAG 27136   6931   4091   UUUUUUU U U UCCACCU 8756   AAGCCAAG CUGAUGAGG GCCGUUAGGC CGAA AAAAGAAA 27136   6932   4098   GCUGCACU C CUUUCUC 8756   AAGCCAAG CUGAUGAG GCCGUUAGGC CGAA AAAAAAAA 27136   6932   4098   GCUGCACU C CUUUCUC 8756   AAGAGAGA CUGAUGAG GCCGUUAGGC CGAA AAAAAAAA 27136   6932   4098   GCUGCACU C CUUCUCC 8756   AAGAGAGA CUGAUGAG GCCGUUAGGC CGAA AAAAAAAA 27136   6932   4098   GCUGCAU C CUUCUCCU 8756   AAGAGAGA CUGAUGAG CCGUUAGGC CGAA AAAAAAAA 27136   6932   4098   GCUGCAU C CUCCUCAU 8756   AAGAGAGA CUGAUGAG CCGUUAGGC CGAA AAAAAAA 27136   6932   4098   GCUGCAU C CUCCCUGA 8756   UAAAAGAGAA CUGAUGAG CCGUUAGGC CGAA AAAAAGAA 27136   6934   4098   CC				<del></del>		
6873   4157   URAAAAGU C CUGUURAG   8747   CUCAACAG CUGAURAG GCGUURAGC CAA ACUUUUCA   27124   6885   4145   UUGAGGCU G GAGCAAG   8749   CUDGGCU CUGAURAG GCGUURAGC CAA ACUGUCCA   27124   6885   4145   UUGAGGCU A GAGCAAG   8749   CUDGGCU CUGAURAG GCGUURAGC CAA ACUGUCCA   27125   6887   4135   COARGCAU A GAGCAAG   8749   CUDGGCU CUGAURAG GCGUURAGC CAA ACCCUCCA   27126   6897   4125   AGCAGACU GUCCUUUU   8751   AAAGAAG CUGAURAG GCGUURAGC CAA AUGCUUCG   27126   6995   4125   AACAGAGCU GUCUUUUUU   8752   AAAGAAG CUGAURAG GCGUURAGC CAA AUGCUUCG   27126   6992   4118   UUGCUCCU U CUUUUUUU   8753   AAAAAAA CUGAURAG GCGUURAGC CAA AGCACCC   27128   6912   4118   UUGCUCCU U CUUUUUUU   8753   AAAAAAA CUGAURAG GCGUURAGC CAA AGCACCC   27128   6913   4116   GCUCCUU U C UUUUUUUG   8754   AAAAAAA CUGAURAG GCGUURAGC CAA AGCACCA   27130   6914   4116   GCUCCUU U C UUUUUUG   8754   CAAAAAA CUGAURAG GCGUURAGC CAA AGCACCA   27130   6914   4116   GCUCCUU U C UUUUUUG   8755   CAAAAAA CUGAURAG GCGUURAGC CAA AGCACCA   27130   6918   4111   CUUUCUUU U UUUCAGC   8756   CUGCAAA CUGAURAG GCGUURAGC CAA AAACAGAC   27130   6918   4112   CUUUCUUU U UUGCAGC   8756   CUGCAAA CUGAURAG GCCGUURAGC CAA AAACAGAC   27130   6918   4111   UUCUUUUU U UUGCAGC   8756   CUGCAAA CUGAURAG GCCGUURAGC CAA AAACAACA   27134   6919   4111   UUCUUUUU U GCACCUG   8756   CAACCUGC CUGAURAG GCCGUURAGC CAA AAACAACA   27134   6910   4110   UUCUUUUU U GCACCUG   8756   CAACCUGC CUGAURAG GCCGUURAGC CAA AAACAACA   27134   6911   4111   GUUCUUUU U GCACCUG   8756   CAACCUGC CUGAURAG GCCGUURAGC CAA AAACAACA   27134   6912   4098   GCACUCUC U UUCCCCU   8762   AAGAGAGA CUGAURAG GCCGUURAGC CAA AAACAACA   27136   6913   4095   GCACCUG C UUCCCCU   8762   AAGAGAGA CUGAURAG GCCGUURAGC CAA AAACAACA   27136   6913   4095   GCACCUG C UUCCCCU   8762   AAGAGAGA CUGAURAG GCCGUURAGC CAA AAACAACA   27136   6913   4095   GCACCUG C UUCCCCU   8762   AAGAGAGA CUGAURAG GCCGUURAGC CAA AAACAACA   27136   6913   4095   GCACCUG C U UCCCCUGA   8763   UCCAGGAG CUGAURAG GCCGUURAGC CAA AAACAACA   27136			<del></del>	<del></del>		
6878   4152   AGUCCUGU U GARGECUAG   8749   CUAGCCUC CUGAUGAG GCCGULAGGC CGAA AGGACTU   27124   6897   4133   CCAAGCAU A GACCACAAG   8749   CUAGCCUC CUGAUGAG GCCGULAGGC CGAA AGCCUCAA   27125   6897   4133   CCAAGCAU A GACAACUU   8750   AAGUCUGC CUGAUGAG GCCGULAGGC CGAA AGCCUCAA   6905   4125   AGCAGACU U GUCUCUUU   8751   AAAGAAAG CUGAUGAG GCCGULAGGC CGAA AGCAGCUCA   6912   4118   UUGCUCCU U CUUUUUU   8752   AAAGAAAAG CUGAUGAG GCCGULAGGC CGAA AGCAGCUC   27126   6912   4118   UUGCUCCU U CUUUUUU   8753   AAAAAAAG CUGAUGAG GCCGULAGGC CGAA AGCAGGUC   27128   6913   4117   UUGCUCCU U CUUUUUUG   8754   CAAAAAAAG CUGAUGAG GCCGULAGGC CGAA AGCAGGUC   27128   6914   4116   GCUCCUUU C UUUUUUGC   8755   CCAAAAAAA CUGAUGAG GCCGULAGGC CGAA AAGGAGCA   27130   6914   4114   UUCCUUCUU U UUUUGCG   8755   CUGCAAA CUGAUGAG GCCGULAGGC CGAA AAGGAGCA   27131   6914   4114   UUCCUUCUU U UUUGCAG   8755   CUGCAAA CUGAUGAG GCCGULAGGC CGAA AAGGAGCA   27131   6917   4113   CCUUUCUUU U UUGCAGC   8755   CUGCAAA CUGAUGAG GCCGULAGGC CGAA AAGAAAG   27134   6918   4111   UUUCUUUUU U UUGCAGC   8755   CUGCAAA CUGAUGAG GCCGULAGGC CGAA AAGAAAG   27134   6919   4111   UUUCUUUUU U UUGCAGCU   8758   AGCUGCA CUGAUGAG GCCGULAGGC CGAA AAAAAAA   27135   6920   4110   UUUCUUUUU U GCAGCUG   8756   CAGCUGC CUGAUGAG GCCGULAGGC CGAA AAAAAAA   27135   6931   4938   GCUGCACU C CUCUUCUC   8751   AAGAAAA CUGAUGAG GCCGULAGGC CGAA AAAAAAAA   27135   6932   4998   GCUGCACU C CUCUUCUC   8751   AAGAAAAA CUGAUGAG GCCGULAGGC CGAA AAAAAAAA   27135   6933   4998   GCUGCACU C CUCUUCUC   8751   AAGAAGAA CUGAUGAG GCCGULAGGC CGAA AAAAAAAA   27135   6934   4998   GCUGCACU C CUCUUCUC   8751   AAGAAGAA CUGAUGAG GCCGULAGGC CGAA AAAAAAAA   27136   6935   4991   ACCCUCUU U CUCCUCCU   8762   AAGAAGAA CUGAUGAG GCCGULAGGC CGAA AAAAGAAA   27136   6936   4992   CUCCUCUU C CUCCUCCU   8762   AAGAAGAA CUGAUGAG GCCGULAGGC CGAA AAGAAGAG   27140   6940   4090   CCCUCUUU C CUCCUCGA   8763   AGGAAGAG CUGAUGAG GCCGULAGGC CGAA AAGAAGAG   27146   6940   4090   CCCUCUUU C CUCCUCGA   8763   AGGAAGGC		<del></del>	<del></del>	<del></del>		
F685		<u> </u>		<del></del>	<del> </del>	27123
6897   4133   CCAASCAU A GCAGACUU   8750   AASGUCUG CUGAUGAG CCGUUAGGC CGAA AUGCUUGG 27126   6908   4121   GACUUGCU C CUUUCUUU   8752   AAAGAAG CUGAUGAG GCCGUUAGGC CGAA AGCAGGUC 27128   6912   4118   UUGCUCCU U CUUUUUU   8753   AAAAGAAG CUGAUGAG GCCGUUAGGC CGAA AGCAAGGCA 27129   6913   4117   UUGCUCCU U CUUUUUUU   8754   CAAAAAAG CUGAUGAG GCCGUUAGGC CGAA AGCAAGGCA 27129   6914   4116   GCUCCUUU C CUUUUUUG 8755   CAAAAAAG CUGAUGAG GCCGUUAGGC CGAA AGCAAGGCA 27130   6914   4116   GCUCCUUU C UUUUUUGC 8755   CAAAAAAG CUGAUGAG GCCGUUAGGC CGAA AAGGAGCA 27130   6916   4114   UUCCUUCUU U UUUGCAGC 8755   CCGCAAAA CUGAUGAG GCCGUUAGGC CGAA AAGGAGCA 27130   6917   4113   CCUUUCUU U UUUGCAGC 8757   GCUGCAAA CUGAUGAG GCCGUUAGGC CGAA AAGAGAACG 27131   6918   4112   CUUUCUUU U UUGCAGC 8758   GCUGCAAA CUGAUGAG GCCGUUAGGC CGAA AAGAGAACG 27131   6919   4111   UUCCUUUUU U UUGCAGC 8758   CAGCUGCA CUGAUGAG GCCGUUAGGC CGAA AAAAGAAA 27135   6920   4110   UUCCUUUUU U UUGCAGCU 8758   CAGCUGCA CUGAUGAG GCCGUUAGGC CGAA AAAAGAAA 27135   6932   4098   GCUGCACCU C CUUCUCC 8750   CAGCUGCA CUGAUGAG GCCGUUAGGC CGAA AAAAGAAA 27135   6932   4098   GCUGCACU C CUCUUCC 8750   CAGCUGCA CUGAUGAG GCCGUUAGGC CGAA AAAAGAAA 27135   6933   4095   GCACUCCU C UUCCCCU 8762   AGGAGGAG CUGAUGAG GCCGUUAGGC CGAA AAAAGAAA 27135   6934   4095   GCACUCCU C UUCCCCU 8762   AGGAGGAG CUGAUGAG GCCGUUAGGC CGAA AAGAGAGG 27137   6935   4095   GCACUCCU C UUCCCCU 8762   AGGAGGAG CUGAUGAG GCCGUUAGGC CGAA AAGAGAGG 27136   6936   4095   CUCCUCU C UCCCUGAU 8763   AGGAGGAG CCGAA AGGAGGG CCGAA AGGAGG	<del></del>	<del>                                     </del>	<del>                                       </del>	<del> </del>		27124
6909   4125   AGCABACU U GUUCUUU   8751   AANGGAGC CUGAURIG GCCGULAGGC CGAA AGUCUGCU   27127   6903   4121   GACUUGCU U UCUUUUUU   8753   AAAAAAGA CUGAURIG GCCGULAGGC CGAA AGGAGCA   27129   6913   4118   UUGCUCCU U UCUUUUUU   8753   AAAAAAGA CUGAURIG GCCGULAGGC CGAA AGGAGCA   27129   6913   4116   GCUCCUUU C UUUUUUUGC   8755   CAAAAAA CUGAURIG GCCGULAGGC CGAA AAGGAGCA   27130   6914   4116   GCUCCUUU C UUUUUUGC   8755   CAAAAAA CUGAURIG GCCGULAGGC CGAA AAGGAGCA   27131   6914   4116   GCUCCUUU C UUUUUUGC   8755   CAAAAAA CUGAURIG GCCGULAGGC CGAA AAGGAGCA   27131   6914   4111   CUUUUCU U UUUUGCAG   8756   CUGCAAA CUGAURIG GCCGULAGGC CGAA AAGGAGCA   27131   6918   4112   CUUUCUU U UUUGCAG   8758   AGCUGCAA CUGAURIG GCCGULAGGC CGAA AAGAAAG   27131   6918   4111   UUCUUUUU U UUGCAGCU   8758   AGCUGCAA CUGAURIG GCCGULAGGC CGAA AAGAAAG   27132   6919   4111   UUCUUUUU U GCCAGCU   8758   AGCUGCAA CUGAURIG GCCGULAGGC CGAA AAAGAAA   27135   6919   4111   UUCUUUUU U GCCAGCU   8759   AGCUGCA CUGAURIG GCCGULAGGC CGAA AAAAGAA   27136   6920   4110   UUCUUUUU U GCCAGCU   8750   AGCUGCA CUGAURIG GCCGULAGGC CGAA AAAAGAA   27136   6932   4098   GCUGCACU C CUCUCCCC   8761   AGGAAGA CUGAURIG GCCGULAGGC CGAA AAAAGAA   27136   6933   4095   GCACCUCC C UUCUCCCC   8761   AGGAAGAA CUGAURIG GCCGULAGGC CGAA AAAAGAAA   27136   6934   4095   GCACCUCC C UUCUCCCC   8761   AGGAAGAA CUGAURIG GCCGULAGGC CGAA AAAAGAA   27136   6935   4095   GCACCUCC C UUCUCCCC   8762   AGGAAGAA CUGAURIG GCCGULAGGC CGAA AAAAGGAA   27136   6936   4095   GCACCUCC C UUCUCCCC   8764   AGGAAGAA CUGAURIG GCCGULAGGC CGAA AAAAGGAAC   27137   6935   4095   GCACCUCC C UUCUCCCC   8764   AGGAAGAA CUGAURIG GCCGULAGGC CGAA AAAAGGAAC   27136   6936   4095   CCCCUCCCC C UUCUCCCC   8764   AGGAAGAA CUGAURIG GCCGULAGGC CGAA AAAAGGAAC   27136   6937   4093   ACUCCUCU U CUCCCUGA   8765   UCAAAGAA CUGAURIG GCCGULAGGC CGAA AAAAGGAAC   27136   6936   4095   CCCCUCCCC CUGAUCA   8765   UCAAAGAA CUGAURIG CCCGULAGGC CGAA AAAAGGAAC   27136   6936   4096   CCCCUCCCC CCGARCA CGAACAC   8766				<del> </del>		27125
6912   4112   GACUUGUU C UUUUUUUU		<del></del>	CCAAGCAU A GCAGACUU	8750	AAGUCUGC CUGAUGAG GCCGUUAGGC CGAA AUGCUUGG	27126
6912   4118		4125	AGCAGACU U GCUCCUUU	8751	AAAGGAGC CUGAUGAG GCCGUUAGGC CGAA AGUCUGCU	27127
	6909	4121	GACUUGCU C CUUUCUUU	8752	AAAGAAAG CUGAUGAG GCCGUUAGGC CGAA AGCAAGUC	27128
6914   4116   GCUCCUUU C UUUUUUGCAG   8755   GCAAAAA CUGAUGAG   GCCGUUAGGC   CGAA AAAGGAC   27131	6912	4118	UUGCUCCU U UCUUUUUU	8753	AAAAAAGA CUGAUGAG GCCGUUAGGC CGAA AGGAGCAA	27129
6916   4114   UCCUUUCU U UUUUGAG   8756   CUGCAAA CUGAUGAG   GCGUUAGG   CGAA AGAAAGA   27133	6913	4117	ngcnccnn n connnnne	8754	CAAAAAG CUGAUGAG GCCGUUAGGC CGAA AAGGAGCA	27130
6917 4113 CCUUUCUU U UUUGCAGC 8757 GCUGCAAA CUGAUGAG GCCGUUAGGC CGAA AAGAAAG 27134 6918 4111 UUUCUUUU U UUGCAGCU 8758 AGCUGCAA CUGAUGAG GCCGUUAGGC CGAA AAAGAAAG 27134 6919 4111 UUUCUUUUU U GCAGCUG 8759 CGCUGCA CUGAUGAG GCCGUUAGGC CGAA AAAAGAAA 27136 6920 4110 UUCUUUUU U GCAGCUG 8760 GCAGCUGC CUGAUGAG GCCGUUAGGC CGAA AAAAAGAAA 27136 6933 4098 GCUGCACU C CUCUUCCUC 8761 GAGAAAGA CUGAUGAG GCCGUUAGGC CGAA AAAAAGAA 27136 6933 4099 GCACCUCCU UUCUCCUU 8762 GAGAAAGAGA CUGAUGAG GCCGUUAGGC CGAA AGCUCAGC 27137 6937 4093 ACUCCUCU U CUCCCUGA 8762 AGGAGAA CUGAUGAG GCCGUUAGGC CGAA AGAAGAGA 27136 6938 4092 CUCCUCUU C UCCCCUGAU 8764 AUCAGGGA CUGAUGAG GCCGUUAGGC CGAA AGAAGAGA 27140 6940 4090 CCUCUUCU C UCCCUGAU 8765 GAACACAG CUGAUGAG GCCGUUAGGC CGAA AGAGGAGU 27141 6941 4090 CCUCUUCU C CCCUGAUCA 8765 GGCAGCUU CUGAUGAG GCCGUUAGGC CGAA AGAGGAG 27140 6957 4073 AGCUGCCU U CUCCCCUGAC 8766 GGCAGCUU CUGAUGAG GCCGUUAGGC CGAA AGAAGAGG 27141 6957 4073 AGCUGCCU U CUCCACC 8766 GGCAGCUU CUGAUGAG GCCGUUAGGC CGAA AGAAGAGG 27141 6957 4073 AGCUGCCU U CCGACCAU 8768 AUGAGGAG CUGAUGAG GCCGUUAGGC CGAA AGAAGAGG 27144 6960 4070 UGCCUAUU C CGACCAU 8768 AUGAGGAG CUGAUGAG GCCGUUAGGC CGAA AGAAGAGG 27144 6960 4070 UGCCUAUU C CGACCAU 8769 GAUGGGAC CUGAUGAG GCCGUUAGGC CGAA AGAGGAG 27144 6960 4070 UGCCUAUU C CGACCAU 8771 GUGCAGGA CUGAUGAG GCCGUUAGGC CGAA AGAGGGA 27144 6968 40652 ACAGCAGU A CCCGUCAC 8771 GUGCAGGA CUGAUGAG GCCGUUAGGC CGAA AGAGGAG 27146 6988 40652 ACAGCAGU A CCCGUCAC 8773 UGCAGGA CUGAUGAG GCCGUUAGGC CGAA AGAGGAG 27146 6998 4050 AGCAGUAU C AACAGCAG 8771 GUGCAGGA CUGAUGAG GCCGUUAGGC CGAA AGACGCAG 27146 6998 4051 AUCCCGACAU C AACAGCAG 8771 GUGCAGGA CUGAUGAG GCCGUUAGGC CGAA AGCAGCAG 27146 6998 4052 ACAGCAGU A CCCGGCG 8771 GUGCAGA CUGAUGAG GCCGUUAGGC CGAA AGCAGCAU 27147 6998 4051 AUCCCGACAU C AACAGCAG 8771 GUGCAGGA CUGAUGAG GCCGUUAGGC CGAA AGCAGCAU 27147 6998 4052 ACAGCAGU C CAGACUCC 8773 GGGCCG CGAAGAGGC GCAA ACACCCGC CGAA ACACCCGC CGAA ACACCCCC GCAA ACACCCCC CGAACCACC CUGAUGAG GCCGUUAGGC CGAA ACACCCCC CGAACCACC CCAACCACC CUGAUGAG GCCGUUAGGC CGAA ACAC	6914	4116	GCUCCUUU C UUUUUUGC	8755	GCAAAAAA CUGAUGAG GCCGUUAGGC CGAA AAAGGAGC	27131
6918   4112	6916	4114	UCCUUUCU U UUUUGCAG	8756	CUGCAAAA CUGAUGAG GCCGUUAGGC CGAA AGAAAGGA	27132
6919	6917	4113	CCUUUCUU U UUUGCAGC	8757	GCUGCAAA CUGAUGAG GCCGUUAGGC CGAA AAGAAAGG	27133
6919	6918	4112	CUUUCUUU U UUGCAGCU	8758		
6920   4110   UICUUUUU U GCAGCUGC   8760   GCAGCUGC CUGAUGAG GCCGUUAGGC CGAA AAAAAQAA   27136   6932   4098   GCUGCUCC C CUCUUCUC   8761   GAGAAGAG CUGAUGAG GCCGUUAGGC CGAA AGUGCAGC   27137   6935   4095   GCACUCCU U UUCUCCCU   8762   AGGGAGAA GCGGUUAGGC CGAA AGGAGGAC   27138   6937   4093   ACUCCUCU U CUCCCUGA   8763   UCAGGGAG CUGAUGAG GCCGUUAGGC CGAA AGGAGGAC   27138   6938   4092   CUCCUCUU C UCCCUGAU   8764   AUCAGGGA CUGAUGAG GCCGUUAGGC CGAA AGAAGGAG   27140   6940   4090   CUCCUCUCU C UCCUGAUC   8765   GUAUCAGG CUGAUGAG GCCGUUAGGC CGAA AGAAGGAG   27141   6947   4083   UCCCUGAU C AGCUUCC   8766   GGCAGCUU CUGAUGAG GCCGUUAGGC CGAA AGAAGGAG   27141   6947   4083   UCCCUGAU C AGACCACC   8767   GUGCGGAA CUGAUGAG GCCGUUAGGC CGAA AGAAGGAG   27141   6957   4073   AGCUGCCU A UUCCGACC   8767   GGUCGGAA CUGAUGAG GCCGUUAGGC CGAA AUCAGGAG   27145   6959   4071   CUGCCUGAU C CGAACAU   8768   AAUGGUCG CUGAUGAG GCCGUUAGGC CGAA AUCAGGAG   27145   6960   4070   UGCCUAUU C CGACCAU   8769   AAUGGUCG CUGAUGAG GCCGUUAGGC CGAA AUAGGCAG   27145   6968   4062   CCGACCAU C AACAGCAG   8770   CUGCUGUU CUGAUGAG GCCGUUAGGC CGAA AUAGGCAG   27145   6968   4062   CCGACCAU C AACAGCAG   8771   GUACAGG CUGAUGAG GCCGUUAGGC CGAA AUAGGCAG   27146   6978   4052   ACAGCAGU A UCCUGUAC   8771   GUACAGGA CUGAUGAG GCCGUUAGGC CGAA AUACCUGC   27147   6980   4050   AGCAGGUU C ACAGUCAC   8773   UGALGGA CUGAUGAG GCCGUUAGGC CGAA AUACCUGC   27147   6991   4039   GUACAGA CUCCCA   8773   UGALGGA CUGAUGAG GCCGUUAGGC CGAA AUACCUGC   27147   6991   4039   GUACAGAU C CAGAUUCA   8774   UGALGGA CUGAUGAG GCCGUUAGGC CGAA AUACCUGC   27156   6997   4033   AUCCAGAU C CAGACUC   8775   GAUCCUG CUGAUGAG GCCGUUAGGC CGAA AUACCUGC   27157   6991   4039   GUACAGA C UCAGCAG   8778   GAUCCUG CUGAUGAG GCCGUUAGGC CGAA AUACCUGC   27157   6991   4039   GUACAGAU C CAGACGAU C ACAGCCAU   8775   GAUCCUG CUGAUGAG GCCGUUAGGC CGAA AUACCUGC   27157   6991   4039   GUACAGAU C CAGACGAU C ACAGCCCC   8775   GAUCCUG CUGAUGAG GCCGUUAGGC CGAA AUACCUGC   27157   7005   4025   AACGCCUG U AGCCCCC	6919	4111	UUUCUUUU U UGCAGCUG	8759		
6932   4098   GCUGCACU C CUCUUCUC   8761   GAGAAGAG CUGAUGAG GCCGUUAGGC CGAA AGGAGGC   271.37   6935   4095   GCACUCCU C UUCUCCCU   8762   AGGAGAA CUGAUGAG GCCGUUAGGC CGAA AGGAGGC   271.38   6937   4093   ACUCCUCU U CUCCCUGAU   8763   CUCAGGAG CUGAUGAG GCCGUUAGGC CGAA AGAGAGG   271.39   6938   4092   CUCCUCUU C CCUCGAU   8764   AUCAGGGA CUGAUGAG GCCGUUAGGC CGAA AGAGAGG   271.40   6940   4090   CCUCUUCU C CCUCGAUCA   8765   UGAUCAG CUGAUGAG GCCGUUAGGC CGAA AGAGAGG   271.41   6947   4083   UCCCUGAU C AGACCUCC   8766   GGCAGCUU CUGAUGAG GCCGUUAGGC CGAA AGAGAGG   271.41   6957   4073   AGCUGCCU A UUCCGACC   8767   GGUCGGA CUGAUGAG GCCGUUAGGC CGAA AGAGAGG   271.42   6957   4073   AGCUGCCU A UUCCGACC   8767   GGUCGGA CUGAUGAG GCCGUUAGGC CGAA AGAGAGG   271.42   6958   4070   UGCCUGAU C CAGACCAU   8768   AUGGUCG CUGAUGAG GCCGUUAGGC CGAA AGAGAGG   271.45   6968   4062   CCGACCAU C AACAGCAG   8769   AUGGUCG CUGAUGAG GCCGUUAGGC CGAA AUGGCGG   271.45   6958   4052   ACAGCAGU A CAACACAC   8771   GUACCAGG CUGAUGAG GCCGUUAGGC CGAA AUGGUCG   271.45   6980   4050   AGAGAGUA C CUGUACCA   8771   GUACAGGA CUGAUGAG GCCGUUAGGC CGAA AUGGUCG   271.45   6981   4050   AGAGAGUA C CUGUACCA   8772   GUGUACAG CUGAUGAG GCCGUUAGGC CGAA AUGGUCG   271.45   6981   4045   AUGACAUU C CAGACCUC   8775   GUGUACAG CUGAUGAG GCCGUUAGGC CGAA AUGGUCG   271.45   6997   4033   AUCCAGAU C CAGACAUC   8773   UGGAUGAG GCCGUUAGGC CGAA AUGGCUG   271.45   6997   4033   AUCCAGAU C CAGACAUC   8775   GAUGCUG CUGAUGAG GCCGUUAGGC CGAA AUGGCUG   271.55   6998   4032   UCCAGAUU C CAGACCUC   8775   GAUGCUG CUGAUGAG GCCGUUAGGC CGAA AUGGCUG   271.55   6998   4032   UCCAGAUU C AAGCAUC   8775   GAUGCUG CUGAUGAG GCCGUUAGGC CGAA AUGCUGA   271.55   6998   4032   UCCAGACUC C AGACCAUC   8775   GAUGCUG CUGAUGAG GCCGUUAGGC CGAA AUCCUGAU   271.51   6999   4031   UCCAGACUC C AGACCAUC   8775   GAUCCUG CUGAUGAG GCCGUUAGGC CGAA AUCCUGAU   271.51   6991   4011   CCGGGGG   8788   CCCGGGG   8778   CCCCGGG CGAA ACCGCGG CGAA ACCGGG CGAA ACCGCGG   8787   7007   4023   AAGCACU C AGCCGGG   878	6920	4110	UUCUUUUU U GCAGCUGC	8760	<del></del>	
6935         4095         GCACUCCU C UUCCUCCU         8762         AGGGAGAA CUGAUGAG         GCCGUUAGGC         CGAA AGGAGUGC         27138           6937         4093         ACUCCUCU U CUCCUCUA         8763         UCAGGAGA         CUGAUGAG         GCGUUAGGC         CGAA AGAGGAGU         27139           6940         4090         CUCCUCUU C CCUGAUCA         8765         UGAUCAGG         CUGAUGAG         GCCGUUAGGC         CGAA AGAGAGGG         27141           6947         4083         UCCCUGAU C AGCCUCCC         8766         GGCAGCUU CUGAUGAG         GCCGUUAGGC         CGAA AUCAGGGA         27142           6957         4073         AGGUGCU A UUCCGACC         8766         GGCGUUAGG         GCCGUUAGGC         CGAA AUCAGGAC         27144           6959         4071         CUGCCUAU U CCGACCAU         8768         AUGGUCG         CUGAUGAG         GCCGUUAGGC         CGAA AUAGGCA         27144           6960         4070         UGCCUAUU C CAACAGCAG         8770         CUGCUGUU CUGAUGAG         GCCGUUAGGC         CGAA AUGGUCG         27146           6978         4052         ACAGCAGU A UCCUGUAC         8771         GUGACAGA CUGAUGAG         GCCGUUAGGC         CGAA AUACUGCU         27147           6980         4050         ACCAGUUAU C ACAGCACU	6932	4098	GCUGCACU C CUCUUCUC	8761	<del> </del>	
6937 4093 ACUCCUCU U CUCCCUGA 8763 UCAGGGAG CUGAUGAG GCCGUUAGGC CGAA AGAGGAGU 27139 6938 4092 CUCCUCUU C UCCCUCAU 8764 AUCAGGGA CUGAUGAG GCCGUUAGGC CGAA AAGAGGAG 27140 6940 4090 CUCUUCU C CCUGAUCA 8765 UGAUCAGG CUGAUGAG GCCGUUAGGC CGAA AAGAGGAG 27140 6947 4083 UCCCUGAU C AAGCUGCC 8766 GGCAGCUU CUGAUGAG GCCGUUAGGC CGAA ACAGAGGAG 27141 6957 4073 AGCUGCU A UUCCGACCA 8767 GGUCGGAA CUGAUGAG GCCGUUAGGC CGAA AUCAGGGA 27142 6959 4071 CUGCCUAU U CCGACCAU 8768 AUGGUCGG CUGAUGAG GCCGUUAGGC CGAA AUCAGGGA 27144 6950 4070 UGCCUAU U CCGACCAU 8768 AUGGUCGG CUGAUGAG GCCGUUAGGC CGAA AUCAGGCA 27145 6960 4070 UGCCUAU C CGACCAU 8768 AUGGUCGG CUGAUGAG GCCGUUAGGC CGAA AUCAGGCA 27145 6968 4052 CCGACCAU C AACAGCAG 8770 CUGCUGUU CUGAUGAG GCCGUUAGGC CGAA AUGAGCA 27145 6978 4052 ACAGCAGU A UCCUGACA 8771 GUACAGGA CUGAUGAG GCCGUUAGGC CGAA AUGGCAC 27146 6980 4050 AGCAGUAU C CUGUACCA 8772 GUGUACAG CUGAUGAG GCCGUUAGGC CGAA AUACUGCU 27147 6981 4039 GUACACAU C CAGAUCCA 8773 UGGAUGAC CUGAUGAG GCCGUUAGGC CGAA AUACUGCU 27146 6981 4039 GUACACAU C CAGAUCCA 8773 UGGAUGUG CUGAUGAG GCCGUUAGGC CGAA AUACUGCU 27146 6991 4039 GUACACAU C CAGAUCCA 8774 UGAAUCU CUGAUGAG GCCGUUAGGC CGAA AUACUGCU 27146 6998 4032 UCCAGAU C CAGAUCCA 8775 GAUGCUG CUGAUGAG GCCGUUAGGC CGAA AUACUGCU 27147 6991 4039 GUACACAU C CAGAUCCA 8775 GAUGCUG CUGAUGAG GCCGUUAGGC CGAA AUGUGUA 27150 6997 4033 AUCCAGAU C CAGAUCCA 8775 GAUGCUG CUGAUGAG GCCGUUAGGC CGAA AUGUGAC 27150 6998 4032 UCCAGAU C CAGAUCCA 8776 GAUGUGU CUGAUGAG GCCGUUAGGC CGAA AUGUGA 27151 7007 4023 AAGCAUCU C UCAGCCCG 8777 CGGGCUGA CUGAUGAG GCCGUUAGGC CGAA AUGUGA 27157 7008 4025 UCAAGCAU C UCAGCCCG 8778 CACAGGAU C UCAAUGAG GCCGUUAGGC CGAA AUGCUGA 27157 7009 4010 CGGGGUU A GCAGGGC 8778 CCCUGCU CUGAUGAG GCCGUUAGGC CGAA AUCCUGA 27156 7020 4010 CGGGGUU A GCAGGGC 8788 CCCUGC CUGAUGAG GCCGUUAGGC CGAA ACCCCCG 27157 7040 3980 ACCACGU U GAUGAGG CGGC GCCCUGAUGAG GCCGUUAGGC CGAA ACCCCCG 27157 7058 3981 ACCACGU U GAUGUGU 8788 ACGCCCC CUGAUGAG GCCGUUAGGC CGAA ACCCCCG 27156 7068 3982 AACACCGU U GAUGAGA BARA CUGAUGA BARACCCCC CUGAUGAG GCCGUUAG	6935	4095	GCACUCCU C UUCUCCCU	8762		
6938         4092         CUCCUCUU C         CUCGUADU         8764         AUCAGGGA CUGAUGAG         GCCGUVAGG         CGAA AAGAGGAG         27140           6940         4090         CUCCUGAU C         CCUGAUCA         8765         GABAUCAGG         CGGUVAGG         CGAA AGAGAGG         27141           6957         4083         UCCCUGAU C         AAGCUGCC         8765         GGCGUUAGG         CGAA AUCAGGGA         27142           6957         4073         AGCUGCU A         UUCCGACC         8767         GGUGGGA CUGAUGG         CGAA AUCAGGGC         27143           6959         4071         CUGCCUAU U         CCGACCAU         8768         AUGGUGG         CUGAUGAG         CGAA AUAGGCAG         27145           6960         4070         UGCCUAUU C         CAACACCAG         8769         GAUGGUGU CUGAUGAG         CGCGUUAGGC         CGAA AUAGGCAG         27145           6978         4052         CCAACCAU C         AACAGCAG         8771         GUGACAGGA         CUGAUGAG         CGAA AUAGUCGG         27147           6980         4050         AGCAGUAU A         UCCUGUACA         8771         GUGACAGA         CUGAUGAG         CGAA AUAGUGGA         27149           6991         4033         GUACACAU C         CAGAUCCA	6937	4093	ACUCCUCU U CUCCCUGA	8763		
6940 4090 CCUCIUCU C CCUGAUCA 8765 UGAUCAG CUGAUGAG CCGUUAGG CGAA AGAAGAGG 27141 6947 4083 UCCCUGAU C AAGCUGCC 8767 GGUCGGA CUGAUGAG GCCGUUAGG CGAA AUCAGGGA 27142 6957 4073 AGCUGCU A UUCCGACCA 8767 GGUCGGAA CUGAUGAG GCCGUUAGG CGAA AUCAGGGA 27143 6959 4071 CUGCCUAU U CCGACCAU 8768 AUGGUCGG CUGAUGAG GCCGUUAGG CGAA AUCAGGGA 27144 6960 4070 UGCCUAU U CCGACCAU 8769 GAUGGUC CUGAUGAG GCCGUUAGG CGAA AUAGGCAG 27145 6968 4062 CCGACCAU C AACAGCAG 8770 CUGCUGUU CUGAUGAG GCCGUUAGG CGAA AUAGGCAG 27145 6978 4052 ACAGCAU C AACAGCAG 8771 CUGCUGUU CUGAUGAG GCCGUUAGG CGAA AUAGGCAG 27147 6980 4050 AGCAGUAU C CUGUACAC 8771 GUACAGGA CUGAUGAG GCCGUUAGG CGAA AUAGGCAG 27147 6980 4050 AGCAGUAU C CUGUACAC 8772 GUGUACAG CUGAUGAG GCCGUUAGG CGAA AUAGCUGU 27147 6980 4050 AGCAGUAU C CUGUACAC 8773 UGAUGAG CUGAUGAG GCCGUUAGG CGAA AUACUGCU 27148 6981 4045 UAUCCUGU A CACAUCCA 8773 UGAUCAG CUGAUGAG GCCGUUAGG CGAA AUACUGCU 27149 6997 4033 AUCCAGAU C CAGAUUCA 8774 UGAAUCU CUGAUGAG GCCGUUAGG CGAA AUACUGCU 27149 6997 4033 AUCCAGAU C CAGAUUCA 8775 GAUGCUU CUGAUGAG GCCGUUAGG CGAA AUCUGGA 27155 6998 4032 UCCAGAUU C AAGCAUC 8775 GAUGCUU CUGAUGAG GCCGUUAGG CGAA AUCUGGA 27157 6998 4032 UCCAGAUU C CAGCCCG 8777 CAGCUCGG CGAA AUCUGGA 27157 7007 4023 AAGCAUC C AGCCCGG 8777 CAGGCUGA CUGAUGAG GCCGUUAGG CGAA AUCUGGA 27157 7007 4023 AAGCAUC C AGCCCGG 8778 CCCGGGCU CUGAUGAG GCCGUUAGGC CGAA AUCUGAA 27157 7020 4010 CAGGGUGU A ACCACGGA 8781 UCCAGGAU C CGAGGGA ACCACCGG CGAA AUCUGAA 27157 7020 4010 CAGGGUGU A ACCACGGA 8781 UCCAGGGC CUGAUGAG GCCGUUAGGC CGAA ACCACCGG 27155 7020 4010 CAGGGUGU A ACCACGGG 8781 UCCAGGGC CGAAAGGGAA CACCCGG CCGAC CCGGGC CCGAAAGGGAA ACCACCGG 27157 7020 4010 CAGGGUGU A ACCACGGG 8781 UCCAGGGC CGAAAGGGAA CACCCGG CCGAC CCGGGC CCGAC CCGAGGAA ACCACCGG CCGAC CCGGGA ACCACCGG CCGAAAGGACACCCGG CCGAAAGGACACCCGG CCGAAAGGACACCCGG CCGAAAGCACCCGG CCGAAAGCACCCGG CCGAAAGCACCCGG CCGAAACCACCGG CCGAAAGCACCCGG CCGAAACCACCGG CCGAA	6938	4092	CUCCUCUU C UCCCUGAU	8764	<del> </del>	
6947   4083	6940	4090	CCUCUUCU C CCUGAUCA	8765		
6957 4073 AGCUGCCU A UUCCGACCA  8768 AUGGUCGG CUGAUGAG GCCGUUAGGC CGAA AGGCAGCU  27143 6959 4071 CUGCCUAU U CCGACCAU  8768 AUGGUCGG CUGAUGAG GCCGUUAGGC CGAA ALAGGCAG  8768 AUGGUCGG CUGAUGAG GCCGUUAGGC CGAA ALAGGCAG  27144 6960 4070 UGCCUAUU C CGACCAUC  8769 GAUGGUCG CUGAUGAG GCCGUUAGGC CGAA ALAGGCAG  27146 6968 4062 CCGACCAU C AACAGCAG  8770 CUGCUGUU CUGAUGAG GCCGUUAGGC CGAA ALAGGCAG  6978 4052 ACAGCAGU A UCCUGUAC  8771 GUACAGGA CUGAUGAG GCCGUUAGGC CGAA ALAGGCAG  6980 4050 AGCAGUAU C CUGUACAC  8772 GUGUGUGU CUGAUGAG GCCGUUAGGC CGAA ALAGCUCU  27146 6985 4045 UAUCCUGU A CACAUCCA  8772 GUGUGUGU CUGAUGAG GCCGUUAGGC CGAA ALACUGCUGU  27147 6980 4050 AGCAGUAU C CAGAUUCA  8771 GUACAGGA CUGAUGAG GCCGUUAGGC CGAA ALACUGCUU  27148 6985 4045 UAUCCUGU A CACAUCCA  8772 GUGUACAG CUGAUGAG GCCGUUAGGC CGAA ALACUGCU  27149 6991 4039 GUACACAU C CAGAUUCA  8774 UGAAUCUG CUGAUGAG GCCGUUAGGC CGAA ALUCUGAU  6997 4033 AUCCAGAU U CAAGCAUC  8775 GAUGCUU CUGAUGAG GCCGUUAGGC CGAA ALUCUGAU  6998 4032 UCCAGAUU C AAGCAUCU  8776 AGAUGCUU CUGAUGAG GCCGUUAGGC CGAA ALUCUGAU  27150 6998 4032 UCCAGAUU C AAGCAUCU  8776 AGAUGCUU CUGAUGAG GCCGUUAGGC CGAA ALUCUGAU  27151 7007 4023 AAGCAUCU C AGCCCGG 8777 CGGCCUGA CUGAUGAG GCCGUUAGGC CGAA AGAUCUGA  7019 4011 CCGGGUGU U AGCAGGCC  8779 GCCCUGCU CUGAUGAG GCCGUUAGGC CGAA ACACCCGG 27155 7020 4010 CGGGUGUU A GCAGGGC  8788 ACCACGGU U GAUGAGG GCCGUUAGGC CGAA ACACCCGG 27155 7020 4010 CGGGUGUU A GCAGGCC  8789 AFRE  7048 3982 AACCACGUU U GAUGGCG  8780 AFRE  7048 3981 ACCACGUU U GAUGGCG  8780 AFRE  7049 3981 ACCACGUU U GAUGGCG  8781 ACGACGUC CUGAUGAG GCCGUUAGGC CGAA ACACCCGG  7055 3975 UUUGAUGU G GUGAAUGA  8782 CGACAUCA CUGAUGAG GCCGUUAGGC CGAA ACACCCGG  7058 3975 UUUGAUGU G GUGAAUGA  8781 CCCGGGCC CUGAUGAG GCCGUUAGGC CGAA ACACCCGG  7058 3972 GAUGCGUU U GAUGGCU  8780 AGCCCUC CUGAUGAG GCCGUUAGGC CGAA ACACCCCG  7068 3962 UGAAUGU U GAUGUCGU  8781 ACGACAUC CUGAUGAG GCCGUUAGGC CGAA ACACCCCG  7068 3962 UGAAUGU U GUGAAUGU  8782 CACACCC CUGAUGAG GCCGUUAGGC CGAA ACACCCCG  7068 3964 UUAGGCCCC AGCAACCCCCC  8786 AGAGCCAUC CUGAUG	6947	4083	UCCCUGAU C AAGCUGCC			
6959   4071	6957	4073	<del></del>			
6960 4070 UGCCUAUU C CGACCAUC 8769 GAUGGUCG CUGAUGAG GCCGUUAGGC CGAA ANDAGGCA 27145 6968 4062 CCGACCAU C AACAGCAG 8770 CUGCUGUU CUGAUGAG GCCGUUAGGC CGAA AUGGUCG 27146 6978 4052 ACAGCAGU A UCCUGUAC 8771 GUACAGGA CUGAUGAG GCCGUUAGGC CGAA AUGGUCG 27146 6980 4050 AGCAGUAU C CUGUACAC 8772 GUGUACAG CUGAUGAG GCCGUUAGGC CGAA AUGCUGU 27147 6980 4050 AGCAGUAU C CUGUACAC 8773 UGGAUGUAG GCCGUUAGGC CGAA AUACUGCU 27148 6985 4045 UAUCCUGU A CACAUCCA 8773 UGGAUGU CUGAUGAG GCCGUUAGGC CGAA AUACUGCU 27149 6991 4039 GUACACAU C CAGAUUCA 8774 UGAAUCUG CUGAUGAG GCCGUUAGGC CGAA AUACUGCU 27159 6997 4033 AUCCAGAU C CAGACUC 8775 GAUGCUU CUGAUGAG GCCGUUAGGC CGAA AUGUGUAC 27150 6998 4032 UCCAGAUU C AAGCAUC 8776 AGAUGCUU CUGAUGAG GCCGUUAGGC CGAA AUGUGAU 27151 7005 4025 UCAAGCAU C UCAGCCCG 8777 CGGGCUGA CUGAUGAG GCCGUUAGGC CGAA AUGUGGA 27152 7007 4023 AAGCAUCU C AGCCCGG 8778 CCGGGCUG CUGAUGAG GCCGUUAGGC CGAA AUGUGGA 27154 7019 4011 CCGGGUGU A GCAGGGC 8779 GCCCUGCU CUGAUGAG GCCGUUAGGC CGAA ACACCCGG 27155 7020 4010 CGGGUGU A GCAGGGC 8779 GCCCUGC CUGAUGAG GCCGUUAGGC CGAA ACACCCGG 27155 7020 4001 GCAGGGCU A GCAGGGC 8781 UCCGCUGC CUGAUGAG GCCGUUAGGC CGAA ACACCCGG 27155 7048 3982 AACCACGU U UGAUGUG 8782 CGACAUCA CUGAUGAG GCCGUUAGGC CGAA ACACCCG 27156 7048 3981 ACCACGU U UGAUGUCG 8782 CGACAUCA CUGAUGAG GCCGUUAGGC CGAA ACACCCG 27157 7048 3982 AACCACGU U UGAUGUCG 8782 CGACAUCA CUGAUGAG GCCGUUAGGC CGAA ACACCCG 27156 7049 3981 ACCACGU U UGAUGUCG 8782 CGACAUCA CUGAUGAG GCCGUUAGGC CGAA ACACCCG 27156 7049 3981 ACCACGU U GAUGUCG 8784 UUCACACA CUGAUGAG GCCGUUAGGC CGAA ACACUCA 27169 7058 3975 UUUAGUU G GUGAAUGU 8786 ACGACAUC CUGAUGAG GCCGUUAGGC CGAA ACAUCAA 27160 7068 3962 UGAAUGU U GUGAAUGU 8786 AGAGCCAU CUGAUGAG GCCGUUAGGC CGAA ACAUCAC 27166 7068 3962 UGAAUGU A UGGCCCU 8788 ACACCC UGAUGAG GCCGUUAGGC CGAA ACAUCAC 27161 7067 3963 GUGAAUGU A UGGCCCU 8788 GAUACUGA CUGAUGAG GCCGUUAGGC CGAA ACAUCAC 27161 7068 3962 UGAAUGU A UGGCCCU 8788 GAUACUGA CUGAUGAG GCCGUUAGGC CGAA ACAUCAC 27161 7068 3962 UGAAUGU A UGCCCAA 8789 AUGAUGAC CUGAUGAG GCCGUUAGGC CGAA ACAUCAC 2716	6959	4071				
6968   4062   CCGACCAU C AACAGCAG   8770   CUGCUGUU CUGAUGAG GCCGUUAGGC CGAA AUGGUCGG   27146   6978   4052   ACAGCAGU A UCCUGUAC   8771   GUACAGGA CUGAUGAG GCCGUUAGGC CGAA AUGCUGU   27147   6980   4050   AGCAGUAU C CUGUACAC   8772   GUGUACAG CUGAUGAG GCCGUUAGGC CGAA AUACUGCU   27148   6985   4045   UAUCCUGU A CACAUCCA   8773   UGGAUGU CUGAUGAG GCCGUUAGGC CGAA AUACUGCU   27148   6981   4039   GUACACAU C CAGAUCCA   8774   UGAAUCUG CUGAUGAG GCCGUUAGGC CGAA AUACUGGU   27150   6997   4033   AUCCAGAU U CAAGCAUC   8775   GAUGCUUG CUGAUGAG GCCGUUAGGC CGAA AUCUGGAU   27151   6998   4032   UCCAGAUU C AAGCAUCU   8776   AGAUGCUU CUGAUGAG GCCGUUAGGC CGAA AUCUGGAU   27151   6998   4032   UCCAGAUU C AAGCAUCU   8776   AGAUGCUU CUGAUGAG GCCGUUAGGC CGAA AUCUGGAU   27151   7007   4023   AAGCAUCU C AGCCCGG   8777   CGGGCUGA CUGAUGAG GCCGUUAGGC CGAA AUCUGGAU   27153   7007   4023   AAGCAUCU C AGCCCGG   8778   CCCGGGCU CUGAUGAG GCCGUUAGGC CGAA AUGCUGA   27154   7019   4011   CCGGGUGUU A AGCAGGGC   8778   GCCCUGCU CUGAUGAG GCCGUUAGGC CGAA ACACCCGG   27156   7029   4001   CGGGUGUU A GCAGGGC   8780   AGCCCUGC CUGAUGAG GCCGUUAGGC CGAA ACACCCGG   27157   7048   3982   AACCACGU U UGAUGUGA   8780   AGCCCUGC CUGAUGAG GCCGUUAGGC CGAA ACACCCGG   27157   7048   3982   AACCACGU U UGAUGUGA   8781   UCCGCUGC CUGAUGAG GCCGUUAGGC CGAA ACCCCGG   27157   7048   3981   ACCACGUU U UGAUGUGA   8782   CGACAUCA CUGAUGAG GCCGUUAGGC CGAA ACCCCGG   27157   7058   3975   UUUGAUGUC   8786   AGACCUC CUGAUGAG GCCGUUAGGC CGAA ACCUCAC   27156   7058   3972   GAUGUCGU U GUGAAUGU   8785   ACAUCAAC CUGAUGAG GCCGUUAGGC CGAA ACAUCAA   27160   7058   3952   GAUGUCGU U GUGAAUGU   8786   AGACCCUC CUGAUGAG GCCGUUAGGC CGAA ACAUCAA   27161   7067   3963   GUGAAUGU U AUGGCUCU   8786   AGACCCUC CUGAUGAG GCCGUUAGGC CGAA ACAUCAC   27162   7068   3952   GAUGUGUU U AUGGCUCU   8786   AGACCCUC CUGAUGAG GCCGUUAGGC CGAA ACAUUCAC   27162   7068   3952   GAUGUGUU A UGGCUCUC   8787   GAGACCA CUGAUGAG GCCGUUAGGC CGAA ACAUUCAC   27163   7068   3950   CUCUAGGU A UCAGACCA   8790   UUGGAUGA	6960					
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6985         4045         UAUCCUGU A CACAUCCA         8773         UGGAUGUG CUGAUGAG GCCGUUAGGC CGAA ACAGGAUA         27149           6991         4039         GUACACAU C CAGAUUCA         8774         UGAAUCUG CUGAUGAG GCCGUUAGGC CGAA AUGUGUAC         27150           6997         4033         AUCCAGAU U CAAGCAUC         8775         GAUGCUU CUGAUGAG GCCGUUAGGC CGAA AUCUGGAU         27151           6998         4032         UCCAGAUU C UCAGCCCG         8777         CGGGCUGA CUGAUGAG GCCGUUAGGC CGAA AUCUGGA         27152           7005         4025         UCAAGCAU C UCAGCCCG         8777         CGGGCUGA CUGAUGAG GCCGUUAGGC CGAA AUCUGGA         27153           7019         4021         ACCACGGG B778         CCCCGGGCU CUGAUGAG GCCGUUAGGC CGAA AGAUGCUU         27155           7020         4011         CCGGGUGU A GCAGGGCU         8779         GCCCUGCU CUGAUGAG GCCGUUAGGC CGAA ACACCCG         27155           7020         4010         GCAGGGCU A GCAGGGA         8781         UCCGCUGC CUGAUGAG GCCGUUAGGC CGAA ACACCCG         27157           7048         3982         AACCACGU U UGAUGUG         8782         CGACAUCA CUGAUGAG GCCGUUAGGC CGAA ACGUCGC         27157           7048         3981         ACCACGUU U GAUGUGU         8783         ACGACAUC CUGAUGAG GCCGUUAGGC CGAA ACGUCAAC         27169           7058						
6991 4039 GUACACAU C CAGAUUCA 8774 UGAAUCUG CUGAUGAG GCCGUUAGGC CGAA AUGUGUAC 27150 6997 4033 AUCCAGAU U CAAGCAUC 8775 GAUGCUUG CUGAUGAG GCCGUUAGGC CGAA AUCUGGAU 27151 6998 4032 UCCAGAUU C AAGCAUCU 8776 AGAUGCUU CUGAUGAG GCCGUUAGGC CGAA AUCUGGAU 27152 7005 4025 UCCAGACU C UCCAGCCCG 8777 CGGGCUGA CUGAUGAG GCCGUUAGGC CGAA AUCUGGA 27153 7007 4023 AAGCAUCU C AGCCCGGG 8778 CCCGGGCU CUGAUGAG GCCGUUAGGC CGAA AUGCUUGA 27154 7019 4011 CCGGGUGU U AGCAGGGC 8779 GCCCUGCU CUGAUGAG GCCGUUAGGC CGAA ACACCCGG 27155 7020 4010 CGGGUGUU A GCAGGGC 8780 AGCCCUGC CUGAUGAG GCCGUUAGGC CGAA ACACCCGG 27156 7029 4001 GCAGGGCU A GCAGGGGA 8781 UCCGCUGC CUGAUGAG GCCGUUAGGC CGAA ACACCCGG 27157 7048 3982 AACCACGU U UGAUGUCG 8782 CGACAUCA CUGAUGAG GCCGUUAGGC CGAA ACCCCGG 27157 7049 3981 ACCACGU U UGAUGUCG 8782 CGACAUCA CUGAUGAG GCCGUUAGGC CGAA ACCCUGC 27157 7055 3975 UUUGAUGU C GUUGUGAA 8784 UUCACAAC CUGAUGAG GCCGUUAGGC CGAA ACCGUGGU 27159 7058 3972 GAUGUCGU U GUGAUGU 8783 ACGACAUC CUGAUGAG GCCGUUAGGC CGAA ACCGUGGU 27157 7067 3963 GUGAAUGU U AUGGCUCU 8785 ACAUUCAC CUGAUGAG GCCGUUAGGC CGAA ACCGUGGU 27161 7067 3963 GUGAAUGU U AUGGCUCU 8785 ACAUUCAC CUGAUGAG GCCGUUAGGC CGAA ACGUCAAA 27160 7068 3962 UGAAUGUU A AUGGCUCU 8786 AGAGCCAU CUGAUGAG GCCGUUAGGC CGAA ACAUCAAA 27161 7067 3956 UUAUGACC C UGAGAUGU 8788 GAUGCCAU CUGAUGAG GCCGUUAGGC CGAA ACAUCACA 27162 7068 3962 UGAAUGUU A AUGCCUCU 8787 GAGAGCCAU CUGAUGAG GCCGUUAGGC CGAA ACAUCAC 27163 7074 3956 UUAUGGCU C CAGUAUCA 8788 GAUACUGA CUGAUGAG GCCGUUAGGC CGAA ACAUCAC 27163 7075 3954 AUGGCUCU C AGUAUCAU 8788 GAUACUGA CUGAUGAG GCCGUUAGGC CGAA ACAUCAC 27166 7080 3950 CUCUCAGU A UCAUCAA 8790 UUGGAUGA CUGAUGAG GCCGUUAGGC CGAA ACAUCAC 27166 7082 3948 CUCAGUAU C AUCCAAGC 8791 GCUUGGAU CUGAUGAG GCCGUUAGGC CGAA ACAUCAC 27166 7083 3948 CUCAGUAU C AUCCAAGC 8792 GUGAGGU CUGAUGAG GCCGUUAGGC CGAA ACAUCAC 27166 7085 3945 AGUAUCAU C AUCCAAGC 8791 GCUUGGAU CUGAUGAG GCCGUUAGGC CGAA ACAUCAC 27166 7082 3948 CUCAGUAU C AUCCAAGC 8792 GUGAGGU CUGAUGAG GCCGUUAGGC CGAA AUCCUGAG 27166						
6997         4033         AUCCAGAU U CAAGCAUC         8775         GAUGCUUG CUGAUGAG GCCGUUAGGC CGAA AUCUGGAU         27151           6998         4032         UCCAGAUU C AAGCAUCU         8776         AGAUGCUU CUGAUGAG GCCGUUAGGC CGAA AUCUGGA         27152           7005         4025         UCAAGCAU C UCAGCCCG         8777         CGGGCUGA CUGAUGAG GCCGUUAGGC CGAA AUGCUUGA         27153           7007         4023         AAGCAUCU C AGCCCGGG         8778         CCCGGGCU CUGAUGAG GCCGUUAGGC CGAA AGAUGCUU         27154           7019         4011         CCGGGUGU U AGCAGGGC         8789         GCCCUGCU CUGAUGAG GCCGUUAGGC CGAA ACACCCGG         27155           7020         4010         CGGGUGUU A GCAGCGGA         8781         UCCGCUGC CUGAUGAG GCCGUUAGGC CGAA ACACCCGG         27156           7029         4001         GCAGGGCU A GCAGCGGA         8781         UCCGCUGC CUGAUGAG GCCGUUAGGC CGAA ACCCUGC         27157           7048         3982         AACCACGU U UGAUGUCG         8782         CGACAUCA CUGAUGAG GCCGUUAGGC CGAA ACGUCGU         27159           7055         3975         UUUGAUGU C GUUGAGA         8784         UUCACAAC CUGAUGAG GCCGUUAGGC CGAA ACGUCAAC         27160           7058         3972         GAUGUCGU U GUGAAUGU B 8785         ACAUUCAC CUGAUGAG GCCGUUAGGC CGAA ACAUCAAC         27161						
6998         4032         UCCAGAUU C AAGCAUCU         8776         AGAUGCUU CUGAUGAG GCCGUUAGGC CGAA AAUCUGGA         27152           7005         4025         UCAAGCAU C UCAGCCG         8777         CGGGCUGA CUGAUGAG GCCGUUAGGC CGAA AUGCUUGA         27153           7007         4023         AAGCAUCU C AGCCCGGG         8778         CCCGGGCU CUGAUGAG GCCGUUAGGC CGAA AGAUGCUU         27154           7019         4011         CCGGGUGU U AGCAGGGC         8779         GCCCUGCU CUGAUGAG GCCGUUAGGC CGAA ACACCCGG         27155           7020         4010         CGGGUGU A GCAGGGCU         8780         AGCCCUGC CUGAUGAG GCCGUUAGGC CGAA ACACCCGG         27156           7029         4001         GCAGGGCU A GCAGCGGA         8781         UCCGCUGC CUGAUGAG GCCGUUAGGC CGAA ACACCCGG         27157           7048         3982         AACCACGU U UGAUGUCG         8782         CGACAUCA CUGAUGAG GCCGUUAGGC CGAA ACGUGGU         27158           7053         3975         UUUGAUGU C GUUGUGAA         8784         UUCACAAC CUGAUGAG GCCGUUAGGC CGAA ACGACAUC         27161           7058         3975         GUUGUGUA         8785         ACAUUCAC CUGAUGAG GCCGUUAGGC CGAA ACGACAUC         27161           7067         3963         GUGAAUGU U GUGAAUGU         8786         AGAGCCAU CUGAUGAG GCCGUUAGGC CGAA ACGACAUC         27162						
7005         4025         UCAAGCAU C UCAGCCCG         8777         CGGGCUGA CUGAUGAG GCCGUUAGGC CGAA AUGCUUGA         27153           7007         4023         AAGCAUCU C AGCCCGGG         8778         CCCGGGCU CUGAUGAG GCCGUUAGGC CGAA AGAUGCUU         27154           7019         4011         CCGGGUGU U AGCAGGGC         8779         GCCCUGCU CUGAUGAG GCCGUUAGGC CGAA ACACCCGG         27155           7020         4010         CGGGUGUU A GCAGGGCU         8780         AGCCCUGC CUGAUGAG GCCGUUAGGC CGAA ACACCCG         27156           7029         4001         GCAGGGCU A GCAGCGGA         8781         UCCGCUGC CUGAUGAG GCCGUUAGGC CGAA ACACCCG         27157           7048         3982         AACCACGU U UGAUGUCG         8782         CGACAUCA CUGAUGAG GCCGUUAGGC CGAA ACGUGGUU         27158           7049         3981         ACCACGUU U GAUGUCGU         8783         ACGACAUC CUGAUGAG GCCGUUAGGC CGAA ACAUCAAA         27160           7055         3975         UUUGAUGU C GUUGUGAA         8784         UUCACAAC CUGAUGAG GCCGUUAGGC CGAA ACAUCCAAA         27161           7067         3963         GUGAAUGU U AUGGCUCU         8786         ACAUCCAC CUGAUGAG GCCGUUAGGC CGAA ACAUUCAC         27162           7068         3962         UGAAUGUU A UGGCUCU         8787         GAGAGCCAU CUGAUGAG GCCGUUAGGC CGAA ACAUUCA         27163 </td <td></td> <td><del></del></td> <td></td> <td></td> <td></td> <td></td>		<del></del>				
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7019 4011 CCGGGUGU U AGCAGGGC 8779 GCCCUGCU CUGAUGAG GCCGUUAGGC CGAA ACACCCGG 27155 7020 4010 CGGGUGUU A GCAGGGCU 8780 AGCCCUGC CUGAUGAG GCCGUUAGGC CGAA AACACCCG 27156 7029 4001 GCAGGGCU A GCAGCGGA 8781 UCCGCUGC CUGAUGAG GCCGUUAGGC CGAA AGCCCUGC 27157 7048 3982 AACCACGU U UGAUGUCG 8782 CGACAUCA CUGAUGAG GCCGUUAGGC CGAA ACGUGGUU 27158 7049 3981 ACCACGUU U GAUGUCGU 8783 ACGACAUC CUGAUGAG GCCGUUAGGC CGAA ACGUGGUU 27159 7055 3975 UUUGAUGU C GUUGUGAA 8784 UUCACAAC CUGAUGAG GCCGUUAGGC CGAA ACGUGGU 27159 7058 3972 GAUGUCGU U GUGAAUGU 8785 ACAUUCAC CUGAUGAG GCCGUUAGGC CGAA ACAUCAAA 27160 7067 3963 GUGAAUGU U AUGGCUCU 8786 AGAGCCAU CUGAUGAG GCCGUUAGGC CGAA ACAUCAC 27162 7068 3962 UGAAUGUU A UGGCUCU 8787 GAGAGCCA CUGAUGAG GCCGUUAGGC CGAA ACAUUCAC 27163 7074 3956 UUAUGGCU C UCAGUAUC 8788 GAUACUGA CUGAUGAG GCCGUUAGGC CGAA ACAUUCA 27164 7076 3954 AUGGCUCU C AGUAUCAU 8789 AUGAUACU CUGAUGAG GCCGUUAGGC CGAA AGCCAUAA 27164 7080 3950 CUCUCAGU A UCAUCCAA 8790 UUGGAUGA CUGAUGAG GCCGUUAGGC CGAA ACAUCAGA 27166 7082 3948 CUCAGUAU C AUCCAAGC 8791 GCUUGGAU CUGAUGAG GCCGUUAGGC CGAA AUGAUACU 27167 7085 3945 AGUAUCAU C CAAGCUAC 8792 GUAGCUUG CUGAUGAG GCCGUUAGGC CGAA AUGAUACU 27168						
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7055 3975 UUUGAUGU C GUUGUGAA 8784 UUCACAAC CUGAUGAG GCCGUUAGGC CGAA ACAUCAAA 27160 7058 3972 GAUGUCGU U GUGAAUGU 8785 ACAUUCAC CUGAUGAG GCCGUUAGGC CGAA ACAUCAAA 27161 7067 3963 GUGAAUGU U AUGGCUCU 8786 AGAGCCAU CUGAUGAG GCCGUUAGGC CGAA ACAUUCAC 27162 7068 3962 UGAAUGUU A UGGCUCUC 8787 GAGAGCCA CUGAUGAG GCCGUUAGGC CGAA ACAUUCAC 27163 7074 3956 UUAUGGCU C UCAGUAUC 8788 GAUACUGA CUGAUGAG GCCGUUAGGC CGAA AGCAUAA 27164 7076 3954 AUGGCUCU C AGUAUCAU 8789 AUGAUACU CUGAUGAG GCCGUUAGGC CGAA AGAGCCAUA 27165 7080 3950 CUCUCAGU A UCAUCCAA 8790 UUGGAUGA CUGAUGAG GCCGUUAGGC CGAA ACUGAGAG 27166 7082 3948 CUCAGUAU C AUCCAAGC 8791 GCUUGGAU CUGAUGAG GCCGUUAGGC CGAA AUACUGAG 27167 7085 3945 AGUAUCAU C CAAGCUAC 8792 GUAGCUUG CUGAUGAG GCCGUUAGGC CGAA AUGAUGAC 27168	-					
7058 3972 GAUGUCGU U GUGAAUGU 8785 ACAUUCAC CUGAUGAG GCCGUUAGGC CGAA ACGACAUC 27161 7067 3963 GUGAAUGU U AUGGCUCU 8786 AGAGCCAU CUGAUGAG GCCGUUAGGC CGAA ACAUUCAC 27162 7068 3962 UGAAUGUU A UGGCUCUC 8787 GAGAGCCA CUGAUGAG GCCGUUAGGC CGAA ACAUUCAC 27163 7074 3956 UUAUGGCU C UCAGUAUC 8788 GAUACUGA CUGAUGAG GCCGUUAGGC CGAA AGCCAUAA 27164 7076 3954 AUGGCUCU C AGUAUCAU 8789 AUGAUACU CUGAUGAG GCCGUUAGGC CGAA AGAGCCAU 27165 7080 3950 CUCUCAGU A UCAUCCAA 8790 UUGGAUGA CUGAUGAG GCCGUUAGGC CGAA ACUGAGAG 27166 7082 3948 CUCAGUAU C AUCCAAGC 8791 GCUUGGAU CUGAUGAG GCCGUUAGGC CGAA AUACUGAG 27167 7085 3945 AGUAUCAU C CAAGCUAC 8792 GUAGCUUG CUGAUGAG GCCGUUAGGC CGAA AUGAUACU 27168						
7067 3963 GUGAAUGU U AUGGCUCU 8786 AGAGCCAU CUGAUGAG GCCGUUAGGC CGAA ACAUUCAC 27162 7068 3962 UGAAUGUU A UGGCUCUC 8787 GAGAGCCA CUGAUGAG GCCGUUAGGC CGAA ACAUUCAC 27163 7074 3956 UUAUGGCU C UCAGUAUC 8788 GAUACUGA CUGAUGAG GCCGUUAGGC CGAA AGCCAUAA 27164 7076 3954 AUGGCUCU C AGUAUCAU 8789 AUGAUACU CUGAUGAG GCCGUUAGGC CGAA AGAGCCAU 27165 7080 3950 CUCUCAGU A UCAUCCAA 8790 UUGGAUGA CUGAUGAG GCCGUUAGGC CGAA ACUGAGAG 27166 7082 3948 CUCAGUAU C AUCCAAGC 8791 GCUUGGAU CUGAUGAG GCCGUUAGGC CGAA AUACUGAG 27167 7085 3945 AGUAUCAU C CAAGCUAC 8792 GUAGCUUG CUGAUGAG GCCGUUAGGC CGAA AUGAUACU 27168						
7068 3962 UGAAUGUU A UGGCUCUC 8787 GAGAGCCA CUGAUGAG GCCGUUAGGC CGAA AACAUUCA 27162 7074 3956 UUAUGGCU C UCAGUAUC 8788 GAUACUGA CUGAUGAG GCCGUUAGGC CGAA AGCCAUAA 27164 7076 3954 AUGGCUCU C AGUAUCAU 8789 AUGAUACU CUGAUGAG GCCGUUAGGC CGAA AGAGCCAU 27165 7080 3950 CUCUCAGU A UCAUCCAA 8790 UUGGAUGA CUGAUGAG GCCGUUAGGC CGAA ACUGAGAG 27166 7082 3948 CUCAGUAU C AUCCAAGC 8791 GCUUGGAU CUGAUGAG GCCGUUAGGC CGAA AUACUGAG 27167 7085 3945 AGUAUCAU C CAAGCUAC 8792 GUAGCUUG CUGAUGAG GCCGUUAGGC CGAA AUGAUACU 27168						27161
7074 3956 UUAUGGCU C UCAGUAUC 8788 GAUACUGA CUGAUGAG GCCGUUAGGC CGAA AGCCAUAA 27163 7076 3954 AUGGCUCU C AGUAUCAU 8789 AUGAUACU CUGAUGAG GCCGUUAGGC CGAA AGAGCCAU 27165 7080 3950 CUCUCAGU A UCAUCCAA 8790 UUGGAUGA CUGAUGAG GCCGUUAGGC CGAA ACUGAGAG 27166 7082 3948 CUCAGUAU C AUCCAAGC 8791 GCUUGGAU CUGAUGAG GCCGUUAGGC CGAA AUACUGAG 27167 7085 3945 AGUAUCAU C CAAGCUAC 8792 GUAGCUUG CUGAUGAG GCCGUUAGGC CGAA AUGAUACU 27168						27162
7076 3954 AUGGCUCU C AGUAUCAU 8789 AUGAUACU CUGAUGAG GCCGUUAGGC CGAA AGAGCCAU 27165 7080 3950 CUCUCAGU A UCAUCCAA 8790 UUGGAUGA CUGAUGAG GCCGUUAGGC CGAA ACUGAGAG 27166 7082 3948 CUCAGUAU C AUCCAAGC 8791 GCUUGGAU CUGAUGAG GCCGUUAGGC CGAA AUACUGAG 27167 7085 3945 AGUAUCAU C CAAGCUAC 8792 GUAGCUUG CUGAUGAG GCCGUUAGGC CGAA AUGAUACU 27168						27163
7080 3950 CUCUCAGU A UCAUCCAA 8790 UUGGAUGA CUGAUGAG CCGUUAGGC CGAA ACUGAGAG 27166 7082 3948 CUCAGUAU C AUCCAAGC 8791 GCUUGGAU CUGAUGAG GCCGUUAGGC CGAA AUACUGAG 27167 7085 3945 AGUAUCAU C CAAGCUAC 8792 GUAGCUUG CUGAUGAG GCCGUUAGGC CGAA AUGAUACU 27168					GAUACUGA CUGAUGAG GCCGUUAGGC CGAA AGCCAUAA	27164
7082 3948 CUCAGUAU C AUCCAAGC 8791 GCUUGGAU CUGAUGAG GCCGUUAGGC CGAA AUACUGAG 27167 7085 3945 AGUAUCAU C CAAGCUAC 8792 GUAGCUUG CUGAUGAG GCCGUUAGGC CGAA AUGAUACU 27168	-					27165
7085 3945 AGUAUCAU C CAAGCUAC 8792 GUAGCUUG CUGAUGAG GCCGUUAGGC CGAA AUGAUACU 27168				8790		27166
7002 2020 COAR ACCASE COAR ACCASE 27168				B791		27167
7002   2020   110022001 2 00000201				8792	GUAGCUUG CUGAUGAG GCCGUUAGGC CGAA AUGAUACU 2	27168
	7092	3938	UCCAAGCU A CCGCCAGU	8793	ACUGGCGG CUGAUGAG GCCGUUAGGC CGAA AGCUUGGA 2	27169

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7105	3925	CAGUGAAU U CAACACAU	8794	AUGUGUUG CUGAUGAG GCCGUUAGGC CGAA AUUCACUG 27	7170
7106	3924	AGUGAAUU C AACACAUC	8795	GAUGUGUU CUGAUGAG GCCGUUAGGC CGAA AAUUCACU 27	7171
7114	3916	CAACACAU C AGGGAUCU	8796		7172
7121	3909	UCAGGGAU C UCCCAGAG	8797		7173
7123	3907	AGGGAUCU C CCAGAGCA	8798		7174
7136	3894	AGCAGAAU U UGGCGGGC	8799		7175
7137	3893	GCAGAAUU U GGCGGGCA	8800	· · · · · · · · · · · · · · · · · · ·	7176
7147	3883	GCGGCAU C GUGAUAAG	8801	·}	7177
7153	3877	AUCGUGAU A AGCCAUUU	8802		7178
7160	3870	UAAGCCAU U UGAAAGAA	8803		7179
7161	3869	AAGCCAUU U GAAAGAAA	8804	<u> </u>	7180
7184	3846	GCCAACAU C AACAAAAU	8805	+	7181
7195	3835	CAAAAUGU U CUCCUGGU	8806	<del> </del>	
7196	<del> </del>	AAAAUGUU C UCCUGGUU	8807		7182
<del></del>	3834			<u> </u>	7183
7198	3832	AAUGUUCU C CUGGUUGG	8088		7184
7204	3826	CUCCUGGU U GGUCCAUC	8809		7185
7208	3822	UGGUUGGU C CAUCUCGC	8810		7186
7212	3818	UGGUCCAU C UCGCUUUG	8811		7187
7214	3816	GUCCAUCU C GCUUUGAG	8812		7188
7218	3812	AUCUCGCU U UGAGAAAC	8813		7189
7219	3811	UCUCGCUU U GAGAAACG	8814		7190
723B	3792	GCCACCAU A AACACUGG	8815		7191
7248	3782	ACACUGGU U GUAUCUUG	8816		7192
7251	3779	CUGGUUGU A UCUUGAAG	8817	+	7193
7253	3777	GGUUGUAU C UUGAAGGU	8818		7194
7255	3775	UUGUAUCU U GAAGGUCG	8819		7195
7262	3768	UUGAAGGU C GCCAUGAG	8820		7196
7281	3749	CCAAGUGU A CCACGUCU	8821		7197
7288	3742	UACCACGU C UCCUCCCG	8822	·	7198
7290	3740	CCACGUCU C CUCCCGAA	8823	·	7199
7293	3737	CGUCUCCU C CCGAAUUA	8824		7200
7300	3730	UCCCGAAU U AGAUUCUG	8825		7201
7301	3729	CCCGAAUU A GAUUCUGC	8826		7202
7305	3725	AAUUAGAU U CUGCGAAA	8827		7203
7306	3724	AUUAGAUU C UGCGAAAG	8828		7204
7336	3694	GAUGACAU A GCGUAACA	8829		7205
7341	3689	CAUAGCGU A ACACAUCA	8830	UGAUGUGU CUGAUGAG GCCGUUAGGC CGAA ACGCUAUG 27	7206
7348	3682	UAACACAU C AGUGUAAG	8831		7207
7354	3676	AUCAGUGU A AGUAAUGC	8832	GCAUUACU CUGAUGAG GCCGUUAGGC CGAA ACACUGAU 27	7208
7358	3672	GUGUAAGU A AUGCCCCC	8833		7209
7380	3650	CCAGGACU A GCAGAGCA	8834		7210
7391	3639	AGAGCAAU C AGUAUAGC	8835	GCUAUACU CUGAUGAG GCCGUUAGGC CGAA AUUGCUCU · 27	7211
7395	3635	CAAUCAGU A UAGCUGGC	8836	GCCAGCUA CUGAUGAG GCCGUUAGGC CGAA ACUGAUUG 27	7212
7397	3633	AUCAGUAU A GCUGGCAU	8837	<del></del>	7213
7412	3618	AUGCUGAU C UUGGCUGU	8838		7214
7414	3616	GCUGAUCU U GGCUGUCC	8839		7215
7421	3609	UUGGCUGU C CACCUCUU	8840	<u> </u>	7216
7427	3603	GUCCACCU C UUGCGAAG	8841	<del></del>	7217
7429	3601	CCACCUCU U GCGAAGGA	8842	UCCUUCGC CUGAUGAG GCCGUUAGGC CGAA AGAGGUGG 27	7218
7441	3589	AAGGACCU C CUGGGUGG	8843	CCACCCAG CUGAUGAG GCCGUUAGGC CGAA AGGUCCUU 27	7219
7486	3544	AAAAGGGU C AAUCAUAU	8844	AUAUGAUU CUGAUGAG GCCGUUAGGC CGAA ACCCUUUU 27	7220
7490	3540	GGGUCAAU C AUAUCAGC	8845	GCUGAUAU CUGAUGAG GCCGUUAGGC CGAA AUUGACCC 27	7221
7493	3537	UCAAUCAU A UCAGCAUU	8846	AAUGCUGA CUGAUGAG GCCGUUAGGC CGAA AUGAUUGA 27	7222
7495	3535	AAUCAUAU C AGCAUUAU	8847	AUAAUGCU CUGAUGAG GCCGUUAGGC CGAA AUAUGAUU 27	7223
7501	3529	AUCAGCAU U AUAAGCAU	8848	AUGCUUAU CUGAUGAG GCCGUUAGGC CGAA AUGCUGAU 27	7224
7502	3528	UCAGCAUU A UAAGCAUU	8849	AAUGCUUA CUGAUGAG GCCGUUAGGC CGAA AAUGCUGA 27	7225
7504	3526	AGCAUUAU A AGCAUUCA	8850	UGAAUGCU CUGAUGAG GCCGUUAGGC CGAA AUAAUGCU 27	7226
7510	3520	AUAAGCAU U CACUUGUG	8851	CACAAGUG CUGAUGAG GCCGUUAGGC CGAA AUGCUUAU 27	7227
7511	3519	UAAGCAUU C ACUUGUGA	8852		7228
7515	3515	CAUUCACU U GUGACUGC	8853		7229
7532	3498	ACGAGGGU C UUUUCAUC	8854		7230
7534	3496	GAGGGUCU U UUCAUCAU	8855	AUGAUGAA CUGAUGAG GCCGUUAGGC CGAA AGACCCUC 27	7231

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7535	3495	AGGGUCUU U UCAUCAUG	8856	CAUGAUGA	CUGAUGAG	GCCGUUAGGC	CGAA	AAGACCCU	27232
7536	3494	GGGUCUUU U CAUCAUGU	8857	ACAUGAUG	CUGAUGAG	GCCGUUAGGC	CGAA	AAAGACCC	27233
7537	3493	GGUCUUUU C AUCAUGUC	8858	GACAUGAU	CUGAUGAG	GCCGUUAGGC	CGAA	AAAAGACC	27234
7540	3490	CUUUUCAU C AUGUCUCU	8859	AGAGACAU	CUGAUGAG	GCCGUUAGGC	CGAA	AUGAAAAG	27235
7545	3485	CAUCAUGU C UCUGUGGU	8860	ACCACAGA	CUGAUGAG	GCCGUUAGGC	CGAA	ACAUGAUG	27236
7547	3483	UCAUGUCU C UGUGGUCU	8861			GCCGUUAGGC			27237
7554	3476	UCUGUGGU C UGAUCUCC	8862			GCCGUUAGGC			27238
7559	3471	GGUCUGAU C UCCAUACC	8863			GCCGUUAGGC			27239
7561	3469	UCUGAUCU C CAUACCAU	8864			GCCGUUAGGC			27240
7565	3465	AUCUCCAU A CCAUACCA	8865			GCCGUUAGGC			27241
7570	3460	CAUACCAU A CCAACAGC	8866			GCCGUUAGGC			27242
7585	3445	GCCGCUGU C AGUUUGGU	8867			GCCGUUAGGC			27243
7589	3441	CUGUCAGU U UGGUAGCG	8868			GCCGUUAGGC			27244
			8869						+
7590	3440	UGUCAGUU U GGUAGCGC				GCCGUUAGGC			27245
7594	3436	AGUUUGGU A GCGCAGUG	8870			GCCGUUAGGC			27246
7608	3422	GUGGUGGU A AGGUGCAG	8871			GCCGUUAGGC			27247
7619	3411	GUGCAGCU C CUGCAGCA	8872			GCCGUUAGGC			27248
7633	3397	GCACCAAU C UGUUAUCA	8873			GCCGUUAGGC			27249
7637	3393	CAAUCUGU U AUCAACUU	8874			GCCGUUAGGC			27250
7638	3392	AAUCUGUU A UCAACUUU	8875			GCCGUUAGGC			27251
7640	3390	UCUGUUAU C AACUUUCC	8876			GCCGUUAGGC			27252
7645	3385	UAUCAACU U UCCGCUCU	8877			GCCGUUAGGC			27253
7646	3384	AUCAACUU U CCGCUCUC	8878			GCCGUUAGGC			27254
7647	3383	UCAACUUU C CGCUCUCU	8879			GCCGUUAGGC			27255
7652	3378	DUUCCGCU C UCUGUGGU	8880			GCCGUUAGGC			27256
7654	3376	ncceenen c neneenee	8881			GCCGUUAGGC			27257
7677	3353	UGGCAGGU C CACGGUGU	8882	ACACCGUG	CUGAUGAG	GCCGUUAGGC	CGAA	ACCUGCCA	27258
7686	3344	CACGGUGU C CGCAGCUC	8883	GAGCUGCG	CUGAUGAG	GCCGUUAGGC	CGAA	ACACCGUG	27259
7694	3336	CCGCAGCU C UCACUCAG	8884	CUGAGUGA	CUGAUGAG	GCCGUUAGGC	CGAA	AGCUGCGG	27260
7696	3334	GCAGCUCU C ACUCAGGG	8885	CCCUGAGU	CUGAUGAG	GCCGUUAGGC	CGAA	AGAGCUGC	27261
7700	3330	CUCUCACU C AGGGUGAC	8886	GUCACCCU	CUGAUGAG	GCCGUUAGGC	CGAA	AGUGAGAG	27262
7712	3318	GUGACCGU A GUUCCUGG	8887	CCAGGAAC	CUGAUGAG	GCCGUUAGGC	CGAA	ACGGUCAC	27263
7715	3315	ACCGUAGU U CCUGGGCA	8888	UGCCCAGG	CUGAUGAG	GCCGUUAGGC	CGAA	ACUACGGU	27264
7716	3314	CCGUAGUU C CUGGGCAG	8889	CUGCCCAG	CUGAUGAG	GCCGUUAGGC	CGAA	AACUACGG	27265
7726	3304	UGGGCAGU A AUCGAAGU	8890	ACUUCGAU	CUGAUGAG	GCCGUUAGGC	CGAA	ACUGCCCA	27266
7729	3301	GCAGUAAU C GAAGUCAA	8891	UUGACUUC	CUGAUGAG	GCCGUUAGGC	CGAA	AUUACUGC	27267
7735	3295	AUCGAAGU C AAUCUCUA	8892	UAGAGAUU	CUGAUGAG	GCCGUUAGGC	CGAA	ACUUCGAU	27268
7739	3291	AAGUCAAU C UCUACCCG	8893	CGGGUAGA	CUGAUGAG	GCCGUUAGGC	CGAA	AUUGACUU	27269
7741	3289	GUCAAUCU C UACCCGGC	8894	GCCGGGUA	CUGAUGAG	GCCGUUAGGC	CGAA	AGAUUGAC	27270
7743	3287	CAAUCUCU A CCCGGCCU	8895	AGGCCGGG	CUGAUGAG	GCCGUUAGGC	CGAA	AGAGAUUG	27271
7752	3278	CCCGGCCU U CGUCCCAU	8896	AUGGGACG	CUGAUGAG	GCCGUUAGGC	CGAA	AGGCCGGG	27272
7753	3277	CCGGCCUU C GUCCCAUG	8897	CAUGGGAC	CUGAUGAG	GCCGUUAGGC	CGAA	AAGGCCGG	27273
7756	3274	GCCUUCGU C CCAUGGGC	8898			GCCGUUAGGC			27274
7771	3259	GCCCUGGU U UUGUGUCU	8899			GCCGUUAGGC			27275
7772	3258	CCCUGGUU U UGUGUCUU	8900			GCCGUUAGGC			27276
7773	3257	CCUGGUUU U GUGUCUUG	8901			GCCGUUAGGC			27277
7778	3252	UUUUGUGU C UUGUACCC	8902	GGGUACAA	CUGAUGAG	GCCGUUAGGC	CGAA	ACACAAAA	27278
7780	3250	UUGUGUCU U GUACCCAG	8903			GCCGUUAGGC			27279
7783	3247	UGUCUUGU A CCCAGGUC	8904	GACCUGGG	CUGAUGAG	GCCGUUAGGC	CGAA	ACAAGACA	27280
7791	3239	ACCCAGGU C UCCGAUUG	8905			GCCGUUAGGC			27281
7793	3237	CCAGGUCU C CGAUUGUG	8906			GCCGUUAGGC			27282
7798	3232	UCUCCGAU U GUGAUUGC	8907			GCCGUUAGGC			27283
7804	3226	AUUGUGAU U GCUUCGUG	8908			GCCGUUAGGC			27284
7808	3222	UGAUUGCU U CGUGGUCC	8909			GCCGUUAGGC			27285
7809	3221	GAUUGCUU C GUGGUCCC	8910			GCCGUUAGGC			27286
7815	3215	UUCGUGGU C CCGCCAGU	8911			GCCGUUAGGC			27287
7833	3197	UGACUGGU A UUAUCAAG	8912			GCCGUUAGGC			27288
7835	3195	ACUGGUAU U AUCAAGUC	8913			GCCGUUAGGC			27289
7836	3194	CUGGUAUU A UCAAGUCA	8914			GCCGUUAGGC			27290
7838	3192	GGUAUUAU C AAGUCACU	8915			GCCGUUAGGC			27291
7843	3187	UAUCAAGU C ACUCUCAA	8916			GCCGUUAGGC			27292
7847	3183	AAGUCACU C UCAAGGAU	8917			GCCGUUAGGC			<del> </del>
			, ,,,	AUCCUUGA	COGROGAG	SCCGOOMGGC	CGMA	AGUGACUU	27293

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	Table V

				E ATIT	
7849	3181	GUCACUCU C AAGGAUUC	8918	GAAUCCUU CUGAUGAG GCCGUUAGGC CGAA AGAGUGAC	27294
7856	3174	UCAAGGAU U CCAUCGCC	8919	GGCGAUGG CUGAUGAG GCCGUUAGGC CGAA AUCCUUGA	27295
7857	3173	CAAGGAUU C CAUCGCCC	8920	GGGCGAUG CUGAUGAG GCCGUUAGGC CGAA AAUCCUUG	27296
7861	3169	GAUUCCAU C GCCCCACA	8921	UGUGGGC CUGAUGAG GCCGUUAGGC CGAA AUGGAAUC	27297
7874	3156	CACAAGGU A UGCGUCUC	8922	GAGACGCA CUGAUGAG GCCGUUAGGC CGAA ACCUUGUG	27298
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7882	3148	AUGCGUCU C AGGCCACG	8924	CGUGGCCU CUGAUGAG GCCGUUAGGC CGAA AGACGCAU	27300
7892	3138	GGCCACGU A CAUGAUUU	8925	AAAUCAUG CUGAUGAG GCCGUUAGGC CGAA ACGUGGCC	27301
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7900	3130	ACAUGAUU U GACUUCAC	8927	GUGAAGUC CUGAUGAG GCCGUUAGGC CGAA AAUCAUGU	27303
7905	3125	AUUUGACU U CACCCAGA	8928	UCUGGGUG CUGAUGAG GCCGUUAGGC CGAA AGUCAAAU	27304
7906	3124	UUUGACUU C ACCCAGAA	8929	UUCUGGGU CUGAUGAG GCCGUUAGGC CGAA AAGUCAAA	27305
7922	3108	ACUGCCCU U UCAAGCUU	8930	AAGCUUGA CUGAUGAG GCCGUUAGGC CGAA AGGGCAGU	
7923	3108	CUGCCCUU U CAAGCUUC	8931		27306
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7924	3106	UGCCCUUU C AAGCUUCC	8932	GGAAGCUU CUGAUGAG GCCGUUAGGC CGAA AAAGGGCA	27308
7930	3100	UUCAAGCU U CCACGUAU	8933	AUACGUGG CUGAUGAG GCCGUUAGGC CGAA AGCUUGAA	27309
7931	3099	UCAAGCUU C CACGUAUC	8934	GAUACGUG CUGAUGAG GCCGUUAGGC CGAA AAGCUUGA	27310
7937	3093	UUCCACGU A UCAUUGAG	8935	CUCAAUGA CUGAUGAG GCCGUUAGGC CGAA ACGUGGAA	27311
7939	3091	CCACGUAU C AUUGAGCC	8936	GGCUCAAU CUGAUGAG GCCGUUAGGC CGAA AUACGUGG	27312
7942	3088	CGUAUCAU U GAGCCUGC	8937	GCAGGCUC CUGAUGAG GCCGUUAGGC CGAA AUGAUACG	27313
7952	3078	AGCCUGCU U UCAAUCCA	8938	UGGAUUGA CUGAUGAG GCCGUUAGGC CGAA AGCAGGCU	27314
7953	3077	GCCUGCUU U CAAUCCAA	8939	UUGGAUUG CUGAUGAG GCCGUUAGGC CGAA AAGCAGGC	27315
7954	3076	CCUGCUUU C AAUCCAAU	8940	AUUGGAUU CUGAUGAG GCCGUUAGGC CGAA AAAGCAGG	27316
7958	3072	CUUUCAAU C CAAUAGGA	8941	UCCUAUUG CUGAUGAG GCCGUUAGGC CGAA AUUGAAAG	27317
7963	3067	AAUCCAAU A GGACAGGU	8942	ACCUGUCC CUGAUGAG GCCGUUAGGC CGAA AUUGGAUU	27318
7972	3058	GGACAGGU C ACUGUGGA	8943	UCCACAGU CUGAUGAG GCCGUUAGGC CGAA ACCUGUCC	27319
7982	3048	CUGUGGAU C GCCAAGUU	8944	AACUUGGC CUGAUGAG GCCGUUAGGC CGAA AUCCACAG	27320
7990	3040	CGCCAAGU U GUUCUUGA	8945	UCAAGAAC CUGAUGAG GCCGUUAGGC CGAA ACUUGGCG	27321
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7994	3036	AAGUUGUU C UUGACAGC	8947	GCUGUCAA CUGAUGAG GCCGUUAGGC CGAA AACAACUU	27323
7996	3034	GUUGUUCU U GACAGCCG	8948	CGGCUGUC CUGAUGAG GCCGUUAGGC CGAA AGAACAAC	27324
8006	3024	ACAGCCGU U CCAAUGAU	8949	AUCAUUGG CUGAUGAG GCCGUUAGGC CGAA ACGCCUGU	27325
8007	3023	CAGCCGUU C CAAUGAUC	8950	GAUCAUUG CUGAUGAG GCCGUUAGGC CGAA AACGGCUG	
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8017	3013	AAUGAUCU U CGAGUCAC	8952	GACUCGAA CUGAUGAG GCCGUUAGGC CGAA AUCAUUGG	27327
8018	3013	AUGAUCUU C GAGUCACA	8953	GUGACUCG CUGAUGAG GCCGUUAGGC CGAA AGAUCAUU	27328
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	3007		8954	CUGAAUGU CUGAUGAG GCCGUUAGGC CGAA ACUCGAAG	27330
8028	3002	AGUCACAU U CAGUUGUG	8955	CACAACUG CUGAUGAG GCCGUUAGGC CGAA AUGUGACU	27331
8029	3001	GUCACAUU C AGUUGUGU	8956	ACACAACU CUGAUGAG GCCGUUAGGC CGAA AAUGUGAC	27332
8033	2997	CAUUCAGU U GUGUUGCU	8957	AGCAACAC CUGAUGAG GCCGUUAGGC CGAA ACUGAAUG	27333
8038	2992	AGUUGUGU U GCUCUCUC	8958	GAGAGAGC CUGAUGAG GCCGUUAGGC CGAA ACACAACU	27334
8042	2988	GUGUUGCU C UCUCUGAC	8959	GUCAGAGA CUGAUGAG GCCGUUAGGC CGAA AGCAACAC	27335
8044	2986	GUUGCUCU C UCUGACCU	8960	AGGUCAGA CUGAUGAG GCCGUUAGGC CGAA AGAGCAAC	27336
8046	2984	UGCUCUCU C UGACCUUC	8961	GAAGGUCA CUGAUGAG GCCGUUAGGC CGAA AGAGAGCA	27337
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8054	2976	CUGACCUU C AGGAACAU	8963	AUGUUCCU CUGAUGAG GCCGUUAGGC CGAA AAGGUCAG	27339
8063	2967	AGGAACAU C CGAGUGCU	8964	AGCACUCG CUGAUGAG GCCGUUAGGC CGAA AUGUUCCU	27340
8085	2945	GACCAAAU C CAAAAUCC	8965	GGAUUUUG CUGAUGAG GCCGUUAGGC CGAA AUUUGGUC	27341
8092	2938	UCCAAAAU C CUCCACUU	8966	AAGUGGAG CUGAUGAG GCCGUUAGGC CGAA AUUUUGGA	27342
8095	2935	AAAAUCCU C CACUUCUA	8967	UAGAAGUG CUGAUGAG GCCGUUAGGC CGAA AGGAUUUU	27343
8100	2930	CCUCCACU U CUAAGCUA	8968	UAGCUUAG CUGAUGAG GCCGUUAGGC CGAA AGUGGAGG	27344
8101	2929	CUCCACUU C UAAGCUAU	8969	AUAGCUUA CUGAUGAG GCCGUUAGGC CGAA AAGUGGAG	27345
8103	2927	CCACUUCU A AGCUAUUC	8970	GAAUAGCU CUGAUGAG GCCGUUAGGC CGAA AGAAGUGG	27346
8108	2922	UCUAAGCU A UUCCAAGC	8971	GCUUGGAA CUGAUGAG GCCGUUAGGC CGAA AGCUUAGA	27347
8110	2920	UAAGCUAU U CCAAGCGC	8972	GCGCUUGG CUGAUGAG GCCGUUAGGC CGAA AUAGCUUA	27348
8111	2919	AAGCUAUU C CAAGCGCG	8973	CGCGCUUG CUGAUGAG GCCGUUAGGC CGAA AAUAGCUU	27348
8122	2908	AGCGCGAU U CUGAGUCG	8974	CGACUCAG CUGAUGAG GCCGUUAGGC CGAA AUCGCGCU	<del></del>
8123	2907	GCGCGAUU C UGAGUCGG	8975	CCGACUCA CUGAUGAG GCCGUUAGGC CGAA AAUCGCGC	27350
8129	2901	UUCUGAGU C GGACAUUC			27351
8136			8976	GAAUGUCC CUGAUGAG GCCGUUAGGC CGAA ACUCAGAA	27352
	2894	UCGGACAU U CCUUGGUC	8977	GACCAAGG CUGAUGAG GCCGUUAGGC CGAA AUGUCCGA	27353
8137	2893	CGGACAUU C CUUGGUCU	8978	AGACCAAG CUGAUGAG GCCGUUAGGC CGAA AAUGUCCG	27354
8140	2890	ACAUUCCU U GGUCUCCG	8979	CGGAGACC CUGAUGAG GCCGUUAGGC CGAA AGGAAUGU	27355

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8144	2886	UCCUUGGU C UCCGGACC	8980		CITCATICAC CCCCIIII	AGGC CGAA ACCAAGGA	100000
		CUUGGUCU C CGGACCAU	8981		CUGAUGAG GCCGUU		27356
8146	2884	CGGACCAU C AACCACAA		L		<del></del>	27357
8155	2875		8982		CUGAUGAG GCCGUU		27358
8170	2860	AAAGGUGU U GUUGGCGA	8983		CUGAUGAG GCCGUU		27359
8173	2857	GGUGUUGU U GGCGAGUU	8984		CUGAUGAG GCCGUU	<del></del>	27360
8181	2849	UGGCGAGU U CUGGUGCA	8985		CUGAUGAG GCCGUU		27361
8182	2848	GGCGAGUU C UGGUGCAA	8986		CUGAUGAG GCCGUU		27362
8193	2837	GUGCAAAU A AAAUACUC	8987		CUGAUGAG GCCGUU		27363
8198	2832	AAUAAAAU A CUCUUUCC	8988		CUGAUGAG GCCGUU		27364
8201	2829	AAAAUACU C UUUCCCCA	8989		CUGAUGAG GCCGUU		27365
8203	2827	AAUACUCU U UCCCCAGG	8990		CUGAUGAG GCCGUU		27366
8204	2826	AUACUCUU U CCCCAGGC	8991		CUGAUGAG GCCGUU		27367
8205	2825	UACUCUUU C CCCAGGCC	8992	GGCCUGGG	CUGAUGAG GCCGUU	AGGC CGAA AAAGAGUA	27368
8215	2815	CCAGGCCU U CCAGCCAA	8993	UUGGCUGG	CUGAUGAG GCCGUU	AGGC CGAA AGGCCUGG	27369
8216	2814	CAGGCCUU C CAGCCAAU	8994	AUUGGCUG	CUGAUGAG GCCGUU	AGGC CGAA AAGGCCUG	27370
8225	2805	CAGCCAAU U UCCAAUUU	8995	AAAUUGGA	CUGAUGAG GCCGUU	AGGC CGAA AUUGGCUG	27371
8226	2804	AGCCAAUU U CCAAUUUU	8996	AAAAUUGG	CUGAUGAG GCCGUU	AGGC CGAA AAUUGGCU	27372
8227	2803	GCCAAUUU C CAAUUUUU	8997	AAAAAUUG	CUGAUGAG GCCGUU	AGGC CGAA AAAUUGGC	27373
8232	2798	UUUCCAAU U UUUCCGUG	8998	CACGGAAA	CUGAUGAG GCCGUU	AGGC CGAA AUUGGAAA	27374
8233	2797	UUCCAAUU U UUCCGUGG	8999	CCACGGAA	CUGAUGAG GCCGUU	AGGC CGAA AAUUGGAA	27375
8234	2796	UCCAAUUU U UCCGUGGU	9000	ACCACGGA	CUGAUGAG GCCGUU	AGGC CGAA AAAUUGGA	27376
8235	2795	CCAAUUUU U CCGUGGUG	9001		CUGAUGAG GCCGUU		27377
8236	2794	CAAUUUUU C CGUGGUGG	9002	CCACCACG	CUGAUGAG GCCGUU	AGGC CGAA AAAAAUUG	27378
8256	2774	UGAGGCGU U UAGGUGCU	9003		CUGAUGAG GCCGUU		27379
8257	2773	GAGGCGUU U AGGUGCUG	9004	<del></del>			27380
8258	2772	AGGCGUUU A GGUGCUGA	9005	<del></del>	CUGAUGAG GCCGUU		27381
8269	2761	UGCUGACU U GUACAUUC	9006	<del></del>	CUGAUGAG GCCGUU	<del></del>	27382
8272	2758	UGACUUGU A CAUUCCCU	9007		CUGAUGAG GCCGUU	<del></del>	27383
8276	2754	UUGUACAU U CCCUCCUG	9008		CUGAUGAG GCCGUU	<del></del>	27384
8277	2753	UGUACAUU C CCUCCUGU	9009		CUGAUGAG GCCGUU		27385
8281	2749	CAUUCCCU C CUGUUUCU	9010		CUGAUGAG GCCGUU		27386
8286	2744	CCUCCUGU U UCUCAACC	9011		CUGAUGAG GCCGUU	<del></del>	27387
8287	2743	CUCCUGUU U CUCAACCA	9012	<del></del>	CUGAUGAG GCCGUU	<del></del>	27388
8288	2742	UCCUGUUU C UCAACCAC	9013	<del></del>	CUGAUGAG GCCGUU		27389
8290	2740	CUGUUUCU C AACCACGA	9014	UCGUGGUU	······································		27390
8303	2727	ACGACACU A AGGUCCAC	9015	GUGGACCU			27391
8308	2722	ACUAAGGU C CACACCAU	9016		CUGAUGAG GCCGUU		27392
8317	2713	CACACCAU U CUCCUUCA	9017	<del></del>	CUGAUGAG GCCGUU		
8318	2713	ACACCAUU C UCCUUCAA		<del></del>	<del></del>		27393
8320		ACCAUUCU C CUUCAAAA	9018	<del></del>	CUGAUGAG GCCGUU		27394
	2710			<del> </del>	CUGAUGAG GCCGUU		27395
8323	2707	AUUCUCCU U CAAAAGAG	9020			AGGC CGAA AGGAGAAU	27396
8324	2706	UUCUCCUU C AAAAGAGU	9021	<del></del>		AGGC CGAA AAGGAGAA	27397
8335	2695	AAGAGUGU U CAGCUCGU	9022	<del></del>		AGGC CGAA ACACUCUU	27398
8336	2694	AGAGUGUU C AGCUCGUC	9023			AGGC CGAA AACACUCU	27399
8341	2689	GUUCAGCU C GUCCUUCA	9024			AGGC CGAA AGCUGAAC	27400
8344	2686	CAGCUCGU C CUUCACUG	9025	<del></del>		AGGC CGAA ACGAGCUG	27401
8347	2683	CUCGUCCU U CACUGCUU	9026	<del></del>		AGGC CGAA AGGACGAG	27402
8348	2682	UCGUCCUU C ACUGCUUC	9027			AGGC CGAA AAGGACGA	27403
8355	2675	UCACUGCU U CCCACAUU	9028	<u> </u>		AGGC CGAA AGCAGUGA	27404
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8363	2667	UCCCACAU U UGAUGCUC	9030	<u> </u>		AGGC CGAA AUGUGGGA	27406
8364	2666	CCCACAUU U GAUGCUCC	9031	<del></del>		AGGC CGAA AAUGUGGG	27407
8371	2659	UUGAUGCU C CAGUCUGG	9032			AGGC CGAA AGCAUCAA	27408
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8388	2642	AAACUGAU C GUAGACCG	9034	CGGUCUAC	CUGAUGAG GCCGUU	AGGC CGAA AUCAGUUU	27410
8391	2639	CUGAUCGU A GACCGCAC	9035	GUGCGGUC	CUGAUGAG GCCGUU	AGGC CGAA ACGAUCAG	27411
8403	2627	CGCACACU C CUUCCUUA	9036	UAAGGAAG	CUGAUGAG GCCGUU	AGGC CGAA AGUGUGCG	27412
8406	2624	ACACUCCU U CCUUAUGA	9037	UCAUAAGG	CUGAUGAG GCCGUU	AGGC CGAA AGGAGUGU	27413
8407	2623	CACUCCUU C CUUAUGAG	9038	CUCAUAAG	CUGAUGAG GCCGUU	AGGC CGAA AAGGAGUG	27414
8410	2620	UCCUUCCU U AUGAGCUU	9039	AAGCUCAU	CUGAUGAG GCCGUU	AGGC CGAA AGGAAGGA	27415
8411	2619	CCUUCCUU A UGAGCUUU	9040	AAAGCUCA	CUGAUGAG GCCGUU	AGGC CGAA AAGGAAGG	27416
8418	2612	UAUGAGCU U UCUGAAUG	9041	CAUUCAGA	CUGAUGAG GCCGUU	AGGC CGAA AGCUCAUA	27417

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8419	2611	AUGAGCUU U CUGAAUGA	9042	UCAUUCAG CUGAUGAG GCCGUUAGGC CGAA AAGCUCAU 2741
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8429	2601	UGAAUGAU C UUGGCUAG	9044	CUAGCCAA CUGAUGAG GCCGUUAGGC CGAA AUCAUUCA 2742
8431	2599	AAUGAUCU U GGCUAGGC	9045	GCCUAGCC CUGAUGAG GCCGUUAGGC CGAA AGAUCAUU 2742
8436	2594	UCUUGGCU A GGCCUUGU	9046	ACAAGGCC CUGAUGAG GCCGUUAGGC CGAA AGCCAAGA 2742
	2588	CUAGGCCU U GUGGCGUU	9047	AACGCCAC CUGAUGAG GCCGUUAGGC CGAA AGGCCUAG 2742
8442			9048	UACCCUGA CUGAUGAG GCCGUUAGGC CGAA ACGCCACA 2742
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8451	2579	GUGGCGUU U CAGGGUAA	9049	AUUACCCU CUGAUGAG GCCGUUAGGC CGAA AAACGCCA 2742
8452	2578	UGGCGUUU C AGGGUAAU	9050	
8458	2572	UUCAGGGU A AUACUUGU	9051	ACAAGUAU CUGAUGAG GCCGUUAGGC CGAA ACCCUGAA 2742
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8464	2566	GUAAUACU U GUACCGGU	9053	ACCGGUAC CUGAUGAG GCCGUUAGGC CGAA AGUAUUAC 2742
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8477	2553	CGGUCCAU C CAAGCCUC	9056	GAGGCUUG CUGAUGAG GCCGUUAGGC CGAA AUGGACCG 2743
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8494	2536	CACAUCAU U GUGUAUGA	9059	UCAUACAC CUGAUGAG GCCGUUAGGC CGAA AUGAUGUG 2743
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8514	2516	CUCCACUU C CACAUCUC	9063	GAGAUGUG CUGAUGAG GCCGUUAGGC CGAA AAGUGGAG 274
8520	2510	UUCCACAU C UCAGCUCU	9064	AGAGCUGA CUGAUGAG GCCGUUAGGC CGAA AUGUGGAA 2744
		CCACAUCU C AGCUCUUG	9065	CAAGAGCU CUGAUGAG GCCGUUAGGC CGAA AGAUGUGG 2744
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8527	2503	UCUCAGCU C UUGCCGGC	9066	
8529	2501	UCAGCUCU U GCCGGCUG	9067	CAGCCGGC CUGAUGAG GCCGUUAGGC CGAA AGAGCUGA 274
8542	2488	GCUGAUGU C UAUGGCAC	9068	GUGCCAUA CUGAUGAG GCCGUUAGGC CGAA ACAUCAGC 274
8544	2486	UGAUGUCU A UGGCACAC	9069	GUGUGCCA CUGAUGAG GCCGUUAGGC CGAA AGACAUCA 274
8560	2470	CCCAGUGU C AGCGUGCA	9070	UGCACGCU CUGAUGAG GCCGUUAGGC CGAA ACACUGGG 274
8572	2458	GUGCACGU U CACGGAGA	9071	UCUCCGUG CUGAUGAG GCCGUUAGGC CGAA ACGUGCAC 274
8573	2457	UGCACGUU C ACGGAGAG	9072	CUCUCCGU CUGAUGAG GCCGUUAGGC CGAA AACGUGCA 274
8595	2435	GCAGAACU C CUCCAACU	9073	AGUUGGAG CUGAUGAG GCCGUUAGGC CGAA AGUUCUGC 274
8598	2432	GAACUCCU C CAACUGCG	9074	CGCAGUUG CUGAUGAG GCCGUUAGGC CGAA AGGAGUUC 274
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8630	2400	AUGGACCU A UCACGAGC	9076	GCUCGUGA CUGAUGAG GCCGUUAGGC CGAA AGGUCCAU 274
8632	2398	GGACCUAU C ACGAGCAU	9077	AUGCUCGU CUGAUGAG GCCGUUAGGC CGAA AUAGGUCC 274
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8676	2354	CCAGCAAU C CUUGCGUU	9080	AACGCAAG CUGAUGAG GCCGUUAGGC CGAA AUUGCUGG 274
8679	2351	GCAAUCCU U GCGUUAUC	9081	GAUAACGC CUGAUGAG GCCGUUAGGC CGAA AGGAUUGC 274
8684	2346	CCUUGCGU U AUCCAGGA	9082	UCCUGGAU CUGAUGAG GCCGUUAGGC CGAA ACGCAAGG 274
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8700	2343	ACAUGCCU C CGAACAGU	9085	ACUGUUCG CUGAUGAG GCCGUUAGGC CGAA AGACGCA 274
	2330			
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8724	2306	AUGCUCCU C CGAACACU	9087	AGUGUUCG CUGAUGAG GCCGUUAGGC CGAA AGGAGCAU 274
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8746	2284	GACAGCCU U CCCAACUG	9089	CAGUUGGG CUGAUGAG GCCGUUAGGC CGAA AGGCUGUC 274
8747	2283	ACAGCCUU C CCAACUGA	9090	UCAGUUGG CUGAUGAG GCCGUUAGGC CGAA AAGGCUGU 274
8769	2261	ACACCCCU C CAACUGAU	9091	AUCAGUUG CUGAUGAG GCCGUUAGGC CGAA AGGGGUGU 274
8778	2252	CAACUGAU C CAAAGUCC	9092	GGACUUUG CUGAUGAG GCCGUUAGGC CGAA AUCAGUUG 274
8785	2245	UCCAAAGU C CCAAGCUG	9093	CAGCUUGG CUGAUGAG GCCGUUAGGC CGAA ACUUUGGA 274
8797	2233	AGCUGUGU C UCCUAGAG	9094	CUCUAGGA CUGAUGAG GCCGUUAGGC CGAA ACACAGCU 274
8799	2231	CUGUGUCU C CUAGAGCG	9095	CGCUCUAG CUGAUGAG GCCGUUAGGC CGAA AGACACAG 274
8802	2228	UGUCUCCU A GAGCGGCU	9096	AGCCGCUC CUGAUGAG GCCGUUAGGC CGAA AGGAGACA 274
8811	2219	GAGCGGCU A GUCUCUGC	9097	GCAGAGAC CUGAUGAG GCCGUUAGGC CGAA AGCCGCUC 274
8814	2216	CGGCUAGU C UCUGCGCU	9098	AGCGCAGA CUGAUGAG GCCGUUAGGC CGAA ACUAGCCG 274
8816	2214	GCUAGUCU C UGCGCUCC	9099	GGAGCGCA CUGAUGAG GCCGUUAGGC CGAA AGACUAGC 274
8823	2207	UCUGCGCU C CUUUGAGG	9100	CCUCAAAG CUGAUGAG GCCGUUAGGC CGAA AGCGCAGA 274
8826	2204	GCGCUCCU U UGAGGGUG	9101	CACCCUCA CUGAUGAG GCCGUUAGGC CGAA AGGAGCGC 274
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8837	2193	AGGGUGGU U GUAAAGGC	9102	<u> </u>
	1 6473	POSSOCIO O GONANGOC	7103	GCCUUUAC CUGAUGAG GCCGUUAGGC CGAA ACCACCCU 274

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8861			9108		7484
8862	2168	UGCUGCUU C CAGACUUG			7485
8869	2161	UCCAGACU U GUGCCAAU	9109		
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8888	2142	UGAUUGAU C UGUUGUUC	9111		7487
8892	2138	UGAUCUGU U GUUCUCCU	9112		7488
8895	2135	ncaeanea a caccacae	9113		7489
8896	2134	CUGUUGUU C UCCUCUGC	9114		7490
8898	2132	GUUGUUCU C CUCUGCCC	9115	GGGCAGAG CUGAUGAG GCCGUUAGGC CGAA AGAACAAC 27-	7491
8901	2129	GUUCUCCU C UGCCCACC	9116	GGUGGGCA CUGAUGAG GCCGUUAGGC CGAA AGGAGAAC 27-	7492
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8944	2086	UUCCAAUU C AAUCAGGA	9124		7500
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9026	2004	AGGUCGUU C AAUGAAGC	9135		7511
9047	1983	GACGAGAU A GGAACUUU	9136		7512
9054	1976	UAGGAACU U UGCAAGGU	9137		7513
9055	1975	AGGAACUU U GCAAGGUC	9138		7514
9063	1967	UGCAAGGU C CAUCCGUG	9139		7515
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9088	1942	CUGCAAUU C CAACACCA	9143	UGGUGUUG CUGAUGAG GCCGUUAGGC CGAA AAUUGCAG 27	7519
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9164	1866	CCAUAGGU U GUUCCCUU	9150		7526
9167	1863	UAGGUUGU U CCCUUCAA	9151		7527
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9193	1837	UUCCAUCU U CACUCUAC	9161	·	7537
9194	1836	UCCAUCUU C ACUCUACA	9162	UGUAGAGU CUGAUGAG GCCGUUAGGC CGAA AAGAUGGA 27	7538
9198	1832	UCUUCACU C UACACUUC	9163	GAAGUGUA CUGAUGAG GCCGUUAGGC CGAA AGUGAAGA 27	7539
9200	1830	UUCACUCU A CACUUCAA	9164	UUGAAGUG CUGAUGAG GCCGUUAGGC CGAA AGAGUGAA 27	7540
9205	1825	UCUACACU U CAAAUGAC	9165	GUCAUUUG CUGAUGAG GCCGUUAGGC CGAA AGUGUAGA 27	7541

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9221	1809		9168		27544
9226	1804	CGUCAACU U GACAGUGU			27545
9235	1795	GACAGUGU U GCUUGAAA	9169		27546
9239	1791	GUGUUGCU U GAAAAUUC	9170		27547
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9289	1741	AGCUCCCU C UUGUGAGC	9176		27553
9291	1739	CUCCCUCU U GUGAGCCC	9177		27554
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9308	1722	AAUGCUAU C ACAGACUG	9179		27556
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9320	1710	GACUGCUU C GUGGCGUG	9181		27558
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9337	1693	UGGUUCCU C AAACUCCA	9184		27561
9343	1687	CUCAAACU C CAUUAACG	9185		27562
9347	1683	AACUCCAU U AACGUCUC	9186		27563
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9353	1677	AUUAACGU C UCUCUGUU	9188		27565
9355	1675	UAACGUCU C UCUGUUCC	9189		27566
9357	1673	ACGUCUCU C UGUUCCUC	9190 9191		27567
9361	1669	CUCUCUGU U CCUCCACA UCUCUGUU C CUCCACAC	9192		27568
9362	1668	CUGUUCCU C CACACAGU	9193		27569
9365	1665		9194	<u> </u>	27570
9374	1656	CACACAGU A CUUCCAGC ACAGUACU U CCAGCACU	9195		27571
9377	1653	CAGUACUU C CAGCACUG	9196	<u> </u>	27572
9378	1652 1641	GCACUGCU C CAAGGGAG	9197		27573
9400	1630	AGGGAGGU U GAGGUCCA	9198		27574
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9418	1612	GAACCACU C ACGAUGGA	9200		27576
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9443	1587	GUCUUUGU U CCAACAGU	9204		27580
9444	1586	UCUUUGUU C CAACAGUC	9205		27581
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9469	1561	GUAUGCAU U GGUGUCAA	9210		27586
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9513	1517	UCACCUCU C CAUAUUCU	9218	AGAAUAUG CUGAUGAG GCCGUUAGGC CGAA AGAGGUGA	27594
9517	1513	CUCUCCAU A UUCUCCAA	9219	UUGGAGAA CUGAUGAG GCCGUUAGGC CGAA AUGGAGAG	27595
9519	1511	CUCCAUAU U CUCCAAGC	9220		27596
9520	1510	UCCAUAUU C UCCAAGCU	9221		27597
9522	1508	CAUAUUCU C CAAGCUUU	9222		27598
9529	1501	UCCAAGCU U UAGUGUGU	9223		27599
9530	1500	CCAAGCUU U AGUGUGUA	9224		27600
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10036	994	CAAGAAGU C UCUGUUGC	9313	GCAACAGA CUGAUGAG GCCGUUAGGC CGAA ACUUCUUG	27689
10038	992	AGAAGUCU C UGUUGCUC	9314	GAGCAACA CUGAUGAG GCCGUUAGGC CGAA AGACUUCU	27690
10042	988	GUCUCUGU U GCUCAUUC	9315	GAAUGAGC CUGAUGAG GCCGUUAGGC CGAA ACAGAGAC	27691
10046	984	CUGUUGCU C AUUCCAAG	9316	CUUGGAAU CUGAUGAG GCCGUUAGGC CGAA AGCAACAG	27692
10049	981	UUGCUCAU U CCAAGGCA	9317	UGCCUUGG CUGAUGAG GCCGUUAGGC CGAA AUGAGCAA	27693
10050	980	UGCUCAUU C CAAGGCAG	9318	CUGCCUUG CUGAUGAG GCCGUUAGGC CGAA AAUGAGCA	27694
10060	970	AAGGCAGU U GAAGCUGU	9319	ACAGCUUC CUGAUGAG GCCGUUAGGC CGAA ACUGCCUU	27695
10069	961	GAAGCUGU A AGCUGGGG	9320	CCCCAGCU CUGAUGAG GCCGUUAGGC CGAA ACAGCUUC	27696
10092	938	AAAGCAAU A GCACGACA	9321	UGUCGUGC CUGAUGAG GCCGUUAGGC CGAA AUUGCUUU	27697
10110	920	ACACAACU C UCUGCAUG	9322	CAUGCAGA CUGAUGAG GCCGUUAGGC CGAA AGUUGUGU	27698
10112	918	ACAACUCU C UGCAUGGU	9323	ACCAUGCA CUGAUGAG GCCGUUAGGC CGAA AGAGUUGU	27699
10123	907	CAUGGUGU U GCUCCCAA	9324	UUGGGAGC CUGAUGAG GCCGUUAGGC CGAA ACACCAUG	27700
10127	903	GUGUUGCU C CCAAGCAU	9325	AUGCUUGG CUGAUGAG GCCGUUAGGC CGAA AGCAACAC	27701
10136	894	CCAAGCAU C CAACCAAU	9326	AUUGGUUG CUGAUGAG GCCGUUAGGC CGAA AUGCUUGG	27702
10165	865	CAGGGCAU A UCCAGGGU	9327	ACCCUGGA CUGAUGAG GCCGUUAGGC CGAA AUGCCCUG	27703
10167	863	GGGCAUAU C CAGGGUUC	9328	GAACCCUG CUGAUGAG GCCGUUAGGC CGAA AUAUGCCC	27704
10174	856	UCCAGGGU U CCUCAAGA	9329	UCUUGAGG CUGAUGAG GCCGUUAGGC CGAA ACCCUGGA AUCUUGAG CUGAUGAG GCCGUUAGGC CGAA AACCCUGG	27706
10175	<del></del>	CCAGGGUU C CUCAAGAU	9330		27707
10178	852	GGGUUCCU C AAGAUCCA	9331	UGGAUCUU CUGAUGAG GCCGUUAGGC CGAA AGGAACCC	27708
10184	<del></del> -	CUCAAGAU C CAUGAUUC	9332	GAAUCAUG CUGAUGAG GCCGUUAGGC CGAA AUCUUGAG  AAAAACAG CUGAUGAG GCCGUUAGGC CGAA AUCAUGGA	27709
10191		CCAUGAU U CUGUUUUU CCAUGAUU C UGUUUUUA	9333	UAAAAACA CUGAUGAG GCCGUUAGGC CGAA AAUCAUGG	27710
10192		GAUUCUGU U UUUACCAA	9334	UUGGUAAA CUGAUGAG GCCGUUAGGC CGAA ACAGAAUC	27711
10196	1	AUUCUGUU U UUACCAAA	9336	UUUGGUAA CUGAUGAG GCCGUUAGGC CGAA AACAGAAU	27712
10197	<del></del>	UUCUGUUU U UACCAAAU	9337	AUUUGGUA CUGAUGAG GCCGUUAGGC CGAA AAACAGAA	27713
10198		UCUGUUUU U ACCAAAUA	9338	UAUUUGGU CUGAUGAG GCCGUUAGGC CGAA AAAACAGA	27714
10200		CUGUUUUU A CCAAAUAC	9339	GUAUUUGG CUGAUGAG GCCGUUAGGC CGAA AAAAACAG	27715
10207		UACCAAAU A CCUUGUGG	9340	CCACAAGG CUGAUGAG GCCGUUAGGC CGAA AUUUGGUA	27716
10211	<del></del>	AAAUACCU U GUGGCCUU	9341	AAGGCCAC CUGAUGAG GCCGUUAGGC CGAA AGGUAUUU	27717
10219	<del></del>	UGUGGCCU U GGUGCUGU	9342	ACAGCACC CUGAUGAG GCCGUUAGGC CGAA AGGCCACA	27718
10228		GGUGCUGU C CAUCCAAG	9343	CUUGGAUG CUGAUGAG GCCGUUAGGC CGAA ACAGCACC	27719
10232		CUGUCCAU C CAAGCCCC	9344	GGGGCUUG CUGAUGAG GCCGUUAGGC CGAA AUGGACAG	27720
10243	+	AGCCCCU U CUUGUUCG	9345	CGAACAAG CUGAUGAG GCCGUUAGGC CGAA AGGGGGCU	27721
10244	<del></del>	GCCCCUU C UUGUUCGC	9346	GCGAACAA CUGAUGAG GCCGUUAGGC CGAA AAGGGGGC	27722
10246		CCCCUCU U GUUCGCUA	9347	UAGCGAAC CUGAUGAG GCCGUUAGGC CGAA AGAAGGGG	27723
10249	<del></del>	CUUCUUGU U CGCUAGAG	9348	CUCUAGCG CUGAUGAG GCCGUUAGGC CGAA ACAAGAAG	27724
10250		UUCUUGUU C GCUAGAGU	9349	ACUCUAGC CUGAUGAG GCCGUUAGGC CGAA AACAAGAA	27725
10254		UGUUCGCU A GAGUGCUU	9350	AAGCACUC CUGAUGAG GCCGUUAGGC CGAA AGCGAACA	27726
10262		AGAGUGCU U UCUCCGUG	9351	CACGGAGA CUGAUGAG GCCGUUAGGC CGAA AGCACUCU	27727
	<u> </u>		4		بنتنت

	WO 02/	068637	Table	PCT/US01/48350
10263	767	GAGUGCUU U CUCCGUGU	9352	ACACGGAG CUGAUGAG GCCGUUAGGC CGAA AAGCACUC 2772
10264	766	AGUGCUUU C UCCGUGUG	9353	CACACGGA CUGAUGAG GCCGUUAGGC CGAA AAAGCACU 2772
10266	764	NGCUNUCU C CGUGUGUC	9354	GACACACG CUGAUGAG GCCGUUAGGC CGAA AGAAAGCA 2773
10266	756	CCGUGUGU C UGCACUGU	9355	ACAGUGCA CUGAUGAG GCCGUUAGGC CGAA ACACACGG 2773
102/4	747	UGCACUGU C AGUGACCU	9356	AGGUCACU CUGAUGAG GCCGUUAGGC CGAA ACAGUGCA 2773
10283	738	AGUGACCU C CGACUGCG	9357	CGCAGUCG CUGAUGAG GCCGUUAGGC CGAA AGGUCACU 2773
<b></b>	728	GACUGCGU C UUGAGUGG	9358	CCACUCAA CUGAUGAG GCCGUUAGGC CGAA ACGCAGUC 2773
10302	726	CUGCGUCU U GAGUGGCG	9359	CGCCACUC CUGAUGAG GCCGUUAGGC CGAA AGACGCAG 2773
10304		<del></del>	9360	UGCACCAA CUGAUGAG GCCGUUAGGC CGAA ACACGCCA 2773
10316	714	GCGUGUCU U GGUGCAUC	9361	GAUGCACC CUGAUGAG GCCGUUAGGC CGAA AGACACGC 2773
10318	712		9362	GUAUGGAA CUGAUGAG GCCGUUAGGC CGAA AUGCACCA 2773
10326	704	UGGUGCAU C UUCCAUAC		AGGUAUGG CUGAUGAG GCCGUUAGGC CGAA AGAUGCAC 2773
10328	702	GUGCAUCU U CCAUACCU	9363	CAGGUAUG CUGAUGAG GCCGUUAGGC CGAA AAGAUGCA 2774
10329	701	UGCAUCUU C CAUACCUG	9364	ACGUCAGG CUGAUGAG GCCGUUAGGC CGAA AUGGAAGA 2774
10333	697	UCUUCCAU A CCUGACGU	9365	
10342	688	CCUGACGU A GACUGCUG	9366	CAGCAGUC CUGAUGAG GCCGUUAGGC CGAA ACGUCAGG 2774 GGUGCACA CUGAUGAG GCCGUUAGGC CGAA AGUCAGCA 2774
10354	676	UGCUGACU U UGUGCACC	9367	
10355	675	GCUGACUU U GUGCACCA	9368	
10369	661	CCAACAGU C GAUGUCUU	9369	AAGACAUC CUGAUGAG GCCGUUAGGC CGAA ACUGUUGG 2774 AUCCAGAA CUGAUGAG GCCGUUAGGC CGAA ACAUCGAC 2774
10375	655	GUCGAUGU C UUCUGGAU	9370	
10377	653	CGAUGUCU U CUGGAUCA	9371	UGAUCCAG CUGAUGAG GCCGUUAGGC CGAA AGACAUCG 2774
10378	652	GAUGUCUU C UGGAUCAU	9372	AUGAUCCA CUGAUGAG GCCGUUAGGC CGAA AAGACAUC 2774
10384	646	UUCUGGAU C AUUACCAG	9373	CUGGUAAU CUGAUGAG GCCGUUAGGC CGAA AUCCAGAA 2774
10387	643	UGGAUCAU U ACCAGCCG	9374	CGGCUGGU CUGAUGAG GCCGUUAGGC CGAA AUGAUCCA 2775
10388	642	GGAUCAUU A CCAGCCGA	9375	UCGGCUGG CUGAUGAG GCCGUUAGGC CGAA AAUGAUCC 2775
10410	620	CUGGGCAU U CAUAAGUG	9376	CACUUAUG CUGAUGAG GCCGUUAGGC CGAA AUGCCCAG 2775
10411	619	UGGGCAUU C AUAAGUGA	9377	UCACUUAU CUGAUGAG GCCGUUAGGC CGAA AAUGCCCA 2775
10414	616	GCAUUCAU A AGUGAUAG	9378	CUAUCACU CUGAUGAG GCCGUUAGGC CGAA AUGAAUGC 2775
10421	609	UAAGUGAU A GUAUCAUC	9379	GAUGAUAC CUGAUGAG GCCGUUAGGC CGAA AUCACUUA 2775
10424	606	GUGAUAGU A UCAUCGCA	9380	UGCGAUGA CUGAUGAG GCCGUUAGGC CGAA ACUAUCAC 277
10426	604	GAUAGUAU C AUCGCACA	9381	UGUGCGAU CUGAUGAG GCCGUUAGGC CGAA AUACUAUC 277
10429	601	AGUAUCAU C GCACAUGU	9382	ACAUGUGC CUGAUGAG GCCGUUAGGC CGAA AUGAUACU 277
10438	592	GCACAUGU A UCCCACAU	9383	AUGUGGGA CUGAUGAG GCCGUUAGGC CGAA ACAUGUGC 277
10440	590	ACAUGUAU C CCACAUCC	9384	GGAUGUGG CUGAUGAG GCCGUUAGGC CGAA AUACAUGU 2776
10447	583	UCCCACAU C CAUUGCUC	9385	GAGCAAUG CUGAUGAG GCCGUUAGGC CGAA AUGUGGGA 2776
10451	579	ACAUCCAU U GCUCUGAC	9386	GUCAGAGC CUGAUGAG GCCGUUAGGC CGAA AUGGAUGU 2770
10455	575	CCAUUGCU C UGACAAUG	9387	CAUUGUCA CUGAUGAG GCCGUUAGGC CGAA AGCAAUGG 2776
10467	563	CAAUGCAU A GGUUCUUU	9388	AAAGAACC CUGAUGAG GCCGUUAGGC CGAA AUGCAUUG 2770
10471	559	GCAUAGGU U CUUUCCAG	9389	CUGGAAAG CUGAUGAG GCCGUUAGGC CGAA ACCUAUGC 2776
10472	558	CAUAGGUU C UUUCCAGC	9390	GCUGGAAA CUGAUGAG GCCGUUAGGC CGAA AACCUAUG 2776
10474	556	UAGGUUCU U UCCAGCAG	9391	CUGCUGGA CUGAUGAG GCCGUUAGGC CGAA AGAACCUA 2776
10475	555	AGGUUCUU U CCAGCAGC	9392	GCUGCUGG CUGAUGAG GCCGUUAGGC CGAA AAGAACCU 2776
10476	554	GGUUCUUU C CAGCAGCU	9393	AGCUGCUG CUGAUGAG GCCGUUAGGC CGAA AAAGAACC 2776
10487	543	GCAGCUGU U GGAAUCGU	9394	ACGAUUCC CUGAUGAG GCCGUUAGGC CGAA ACAGCUGC 277
10493	537	GUUGGAAU C GUGAUGAC	9395	GUCAUCAC CUGAUGAG GCCGUUAGGC CGAA AUUCCAAC 277
10504	526	GAUGACAU C UGUGACGU	9396	ACGUCACA CUGAUGAG GCCGUUAGGC CGAA AUGUCAUC 277
10513	517	UGUGACGU C AGUAGCAU	9397	AUGCUACU CUGAUGAG GCCGUUAGGC CGAA ACGUCACA 277
10517	513	ACGUCAGU A GCAUUUAC	9398	GUAAAUGC CUGAUGAG GCCGUUAGGC CGAA ACUGACGU 277
10522	508	AGUAGCAU U UACCGUCA	9399	UGACGGUA CUGAUGAG GCCGUUAGGC CGAA AUGCUACU 277
10523	507	GUAGCAUU U ACCGUCAU	9400	AUGACGGU CUGAUGAG GCCGUUAGGC CGAA AAUGCUAC 277
10524	506	UAGCAUUU A CCGUCAUC	9401	GAUGACGG CUGAUGAG GCCGUUAGGC CGAA AAAUGCUA 277
10529	501	UUUACCGU C AUCAUCAC	9402	GUGAUGAU CUGAUGAG GCCGUUAGGC CGAA ACGGUAAA 277
10532	498	ACCGUCAU C AUCACCUU	9403	AAGGUGAU CUGAUGAG GCCGUUAGGC CGAA AUGACGGU 277
10535	495	GUCAUCAU C ACCUUCCC	9404	GGGAAGGU CUGAUGAG GCCGUUAGGC CGAA AUGAUGAC 277
10540	490	CAUCACCU U CCCUUGGA	9405	UCCAAGGG CUGAUGAG GCCGUUAGGC CGAA AGGUGAUG 277
10541	489	AUCACCUU C CCUUGGAA	9406	UUCCAAGG CUGAUGAG GCCGUUAGGC CGAA AAGGUGAU 277

CCUUCCCU U GGAAGUUA

UUGGAAGU U AGAGAGGG

UGGAAGUU A GAGAGGGU

GAGAGGGU A ACUGCUCC

UAACUGCU C CUACGCUG

CUGCUCCU A CGCUGGCG

CUGGCGAU C AGGCCAAU

UAACUUCC CUGAUGAG GCCGUUAGGC CGAA AGGGAAGG

CCCUCUCU CUGAUGAG GCCGUUAGGC CGAA ACUUCCAA

ACCCUCUC CUGAUGAG GCCGUUAGGC CGAA AACUUCCA

GGAGCAGU CUGAUGAG GCCGUUAGGC CGAA ACCCUCUC

CAGCGUAG CUGAUGAG GCCGUUAGGC CGAA AGCAGUUA

CGCCAGCG CUGAUGAG GCCGUUAGGC CGAA AGGAGCAG

AUUGGCCU CUGAUGAG GCCGUUAGGC CGAA AUCGCCAG

( <u> </u>	
	Table VIII

10592   338   ANGECAND C AUGACHUS   9415   ALGACINED CURNINGS   GCCRUTHAGE CRAR AUGCAND   277991 10605   425   CUGCAND C COGRUCUU   9415   ALGACICOG GURNAGIAG GCCRUTHAGE CRAR AUGCAND   27791 10610   426   AUGCAND C COGRUCUU   9415   ALGACICOG GURNAGIAG GCCRUTHAGE CRAR AUGCAND   27791 10612   418   DUCOGRUCU U UUTCCUCCU   9418   GARGAGGA CUGNAGIAG GCCRUTHAGE CRAR AUGCAND   27791 10613   417   COGRUCUU U CUCUCCUC   9418   GARGAGGA CUGNAGIAG GCCRUTHAGE CRAR AUGCAND   27791 10614   416   COCCUCUU   4120   ALGACICO   4120   ALGACICA CUGNAGIAG GCCRUTHAGE CRAR AUGCAND   27795 10617   413   DUCUTUCCU C CUCULUU   4420   ALGACICA CUGNAGIAG GCCRUTHAGE CRAR AUGCAND   27795 10627   410   TUCCUCCU C UUCUULUU   4421   GARGAGGA CUGNAGIAG GCCRUTHAGE CRAR AUGCAND   27791 10628   410   TUCCUCCU C UUCUULUU   4422   GARGAGA CUGNAGIAG GCCRUTHAGE CRAR AUGCAND   27791 10621   410   TUCCUCCU U UUCUULUU   4422   GARGAGA CUGNAGIAG GCCRUTHAGE CRAR AUGCAND   27791 10622   467   CUCCUCUU U UUCUULUU   4423   GARGAGA CUGNAGIAG GCCRUTHAGE CRAR AUGCAND   27791 10624   467   CUCCUCUU U UUCUULUU   4423   GARGAGA CUGNAGIAG GCCRUTHAGE CRAR AUGCAND   27791 10625   467   CUCCUCUU U UUCUULUU   4423   GARGAGA CUGNAGIAG GCCRUTHAGE CRAR AUGCAND   27791 10624   467   CUCCUCUU U UUCUULUU   4423   GARGAGA CUGNAGIAG GCCRUTHAGE CRAR AUGCAND   27791 10625   467   CUCCUCUU U UUCUULUU   4423   GARGAGA CUGNAGIAG GCCRUTHAGE CRAR AUGCAND   27791 10626   467   CUCCUCUU U UUCUULUU   4423   GARGAGA CUGNAGIAG GCCRUTHAGE CRAR AUGCAND   27791 10627   468   CUCCUCUU U UUCUULUU   4425   CARABAGA CUGNAGIAG GCCRUTHAGE CRAR AUGCAND   27791 10627   469   CUCUULUU U UUCUULUU   4425   CARABAGA CUGNAGIAG GCCRUTHAGE CRAR AUGCAND   27791 10627   465   CUCCUCUU U UUCUULUU   4426   4426   4426   4426   4426   4426   4426   4426   4426   4426   4426   4426   4426   4426   4426   4426   4426   4426   4426   4426   4426   4426   4426   4426   4426   4426   4426   4426   4426   4426   4426   4426   4426   4426   4426   4426   4426   4426   4426   4426   4426   4426   4426   4426   4426				Table	e VIII	
13660   25	10592	438	AGGCCAAU C AUGACUGC	9414		27790
19612   187	10604	426	ACUGCAAU U CCGGUCUU	9415		27791
16613   117   COSCIULIU II UCCUCIUCU   9418   GAGGAGGA CUGAULGG GCGAUAGGC GGAA ARGACCGGA   27795   16614   116   COSCIULIU II COLUCULUI   9429   AAGAGGAG CUGAULGG GCGGAUAGGC GGAA ARGACCGG   27795   16617   131   CUCUCUCIU C CUCUCUUT   9420   AAGAGGAG CUGAULGG GCGGAUAGGC GGAA ARGACCGG   27795   16620   101   CUCUCUCIU C CUCUCUUT   9420   AAGAGGAG CUGAULGG GCGGAUAGGC GGAA ARGACCGG   27795   16621   101   CUCUCUCIU C CUCUCUUT   9420   AAGAGGAG CUGAULGG GCGGAUAGGAGAC   27795   16622   101   CUCUCUCIU C UUUCUUTU   9421   AAAGAGAC CUGAULGG GCGGAUAGGAGAC   27795   16623   107   CUCUCUCIU C UUUCUUTU   9422   AAAGAGAC CUGAULGG GCGGAUAGGAGAC   27795   16623   107   CUCUCUCIU C UUUCUUTU   9422   AAAAGAAC CUGAULGG GCGGAUAGGAGAC   27795   16624   105   CUCUCUCIU C UUUCUUTU   9425   AAAAGAAC CUGAULGG GCGGAUAGGAGC GGAA AAAAGAGAC   27795   16625   105   CUCUCUUTU C UUUUCUUTU   9425   AAAAAAAC CUGAULGG GCGGAUAGAGAC   27801   16626   105   CUCUCUUTU C UUUUCUUTU   9425   AAAAAAAA CUGAULGG GCGGAUAAGAGAC   27801   16627   103   CUCUUUCU U UUUUCUUTU   9425   AAAAAAA CUGAULGG GCGGAUAAGAGAC   27801   16628   103   CUCUUUCU U UUUUCUUTU   9427   CAAAAAACA CUGAULGG GCCGGUAAAAAAAAAA   27801   16629   104   CUUUUCUUTU U UUUUCUUTU   9427   CAAAAAACA CUGAULGG GCCGGUAAAAAAAAAAA   27801   16629   104   CUUUUCUUTU U UUUUCUUTU   9427   CAAAAAAAA CUGAULGG GCCGGUAAAAAAAAAAA   27801   16629   104   CUUUUCUUTU U UUUUCUUTU   9427   CAAAAAAAAA CUGAULGG GCCGGUAAAAAAAAAAA   27805   16620   104   CUUUUCUUTU U UUUUCUUTU   9428   CAAAAAAAAA CUGAULGG GCCGGUAAAAAAAAAAA   27805   16621   104   CUUUUCUUTU U UUUUCUUTU   9429   CAAAAAAAAAA   27805   16622   104   CUUUUCUUTU U UUUUCUUTU   9429   CAAAAAAAAA   27805   16633   104   CUUUUCUUTU U UUUUCUUTU   9430   CAAAAAAAAAA   27805   16644   105   CUUUUCUUTU U UUUUCUUTU   9431   CAAAAAAAAAAA   27805   16645   105   CCCCCAAUU C CUUUUCUAAAAAAAAAAAAAAAAAA	10605	425	CUGCAAUU C CGGUCUUU	9416	AAAGACCG CUGAUGAG GCCGUUAGGC CGAA AAUUGCAG	27792
16514   157	10610	420	AUUCCGGU C UUUCCUCC	9417	GGAGGAAA CUGAUGAG GCCGUUAGGC CGAA ACCGGAAU	27793
16517   131	10612	418	UCCGGUCU U UCCUCCUC	9418	GAGGAGGA CUGAUGAG GCCGUUAGGC CGAA AGACCGGA	27794
16620   410	10613	417	CCGGUCUU U CCUCCUCU	9419	AGAGGAGG CUGAUGAG GCCGUUAGGC CGAA AAGACCGG	27795
16622   408	10614	416	CGGUCUUU C CUCCUCUU	9420	AAGAGGAG CUGAUGAG GCCGUUAGGC CGAA AAAGACCG	27796
10620   410	10617	413	UCUUUCCU C CUCUUUUC	9421	GAAAAGAG CUGAUGAG GCCGUUAGGC CGAA AGGAAAGA	27797
16522   498			UUCCUCCU C UUUUCUUU	9422	AAAGAAAA CUGAUGAG GCCGUUAGGC CGAA AGGAGGAA	27798
16624 406			CCUCCUCU U UUCUUUUG	9423	CAAAAGAA CUGAUGAG GCCGUUAGGC CGAA AGAGGAGG	27799
10525   405   COLUCIOU C UNUISIOU   9425   AACANANG CUGAURAGE GCGSULAGGE GAA AARAGAGA   27801   10527   403   CUCTURIOU C UNUISIOU   9427   CANACCAA CUGAURAG GCGSULAGGE GAA AARAGAGA   27801   10527   403   CUCTURIOU U UNUISIOU   9427   CANACCAA CUGAURAG GCGSULAGGE GAA AARAGAGA   27803   10528   401   UUUUCUU U GUUUUGA   9428   CUCANACA CUGAURAG GCCGULAGGE GAA AARAGAGA   27803   10529   401   UUUUCUU U GUUUUGA   9429   CUCANACA CUGAURAG GCCGULAGGE GAA AARAGAA   27805   10531   398   UCUUUUGUU U GUUUUGA   9429   CUCANACA CUGAURAG GCCGULAGGE GAA AARAGAA   27805   10531   398   UUUUUGUU U GUAGCUC   9431   GAGCUCA CUGAURAG GCCGULAGGE GAA AARAGAA   27805   10543   396   UUUUGGUU U GAGCUCC   9431   GAGCUCA CUGAURAG GCCGULAGGE GAA AARAGAA   27806   10544   396   UUUUGGUU U GAGCUCC   9431   GAGCUCA CUGAURAG GCCGULAGGE GAA AARAGAAA   27806   10540   390   UUUUGAGU C CGCCGAUU   9433   AARCGGGC CUGAURAG GCGGULAGGE GAA AARCGAAA   27806   10540   390   UUUGAGU C CGCCGAUU   9433   AARCGGGC CUGAURAG GCGGULAGGE GAA AARCGAAA   27806   10540   396   GACCUCAG U GAACCAC   9434   GUCCUAC CUGAURAG GCGGULAGGE GAA AARCGAAA   27806   10552   378   GAGUUCAC U A GUUCCUU   9436   GAGCUCA CUGAURAG GCGGULAGGE GAA AARCGAA   27801   10657   359   GACCUGAU C CUUCUULA   9439   GAACUGAG CUGAURAG GCGGULAGGE GAA AARCGAA   27801   10677   359   AGGUCCCU   GUUCCUU   9438   GAACGAG CUGAURAG GCGGULAGGE GAA AARCAGAC   27811   10678   355   CCCURAGU C CUUCUULA   9439   GAACGAG CUGAURAG GCGGULAGGE GAA AARCAGAG   27814   10679   351   AGGUCCU C UCUANAACU   9442   AGGUAGA GCCGULAGGE GAA AARCAGAG   27814   10679   352   UAGUUCCU C UCUANAACU   9443   GAACGAG GCGGULAGG GCGA AARCAGAG   27814   10679   351   AGGUCCU C UCUANAACU   9443   GAACGAG CUGAURAG GCCGULAGGE GAA AARCAGAC   27814   10679   352   UAGUUCCU C UCUANAACU   9444   AGGCAGAG GCGGULAGG GCGAA AARCAGAC   27814   10679   351   AAGGGAG CUGAURAG GCCGULAGG CAA AARCAGA   27815   10689   332   UAGUUCCU C UCUANAACU   9445   GACCUUC CUGAURAG GCCGULAGG GAA AARCAGA   27815   10689   332   UAGUUCAU C AARCCGAG				9424	ACAAAAGA CUGAUGAG GCCGUUAGGC CGAA AAGAGGAG	27800
10627   403						27801
10628   402						27802
1622   362						
10629   401						
10632   398						
10634   396						
10614   396						
10640   390						
10648   392						
10652   378						<u> </u>
10651   369						
10657   3653   GUCANGGU C CCUNGUUC   9437   GANCUAGG CUGAURGG CORA ACCUURCC   27813   10673   359   AGGUCCCU A GUUCCUUC   9438   GANGGANC CUGAURGG GCCGUURGGC CORA ACCUURCC   27814   10674   356   UCCCUAGU U CCUUCUAA   9439   UARAGAG CUGAURGG GCCGUURGGC CORA ACGAGGCCU   27815   10575   355   CCCUAGUU C CUUCUAAA   9440   UUAAGAAG CUGAURGG GCCGUURGGC CORA ACGAGGCCU   27816   10678   352   UAGUUCCU C UUAARAC   9441   GUUUUAA CUGAURGG GCCGUURGGC CORA ACGAGCCU   27816   10678   351   AGUUCCUU C UUAARAC   9441   GUUUUAA CUGAURGG GCCGUURGGC CORA AGGAACU   27817   10679   351   AGUUCCUU C UAARACU   9442   AGUUUUAA CUGAURGG GCCGUURGGC CORA AGGAACU   27818   10681   349   UUCCUUCU U AARACUCA   9441   GUGUUGU CUGAURGG GCCGUURGGC CORA AGGAACU   27818   10681   349   UUCCUUCU U AARACUCA   9444   UGAGUUU CUGAURGG GCCGUURGGC CORA AGGAACU   27818   10682   348   UCCUUCU U AARACUCA   9445   CACCUUCU CUGAURGG GCCGUURGGC CORA AGGAACU   27818   10688   342   UUAARACU C AGAAGGU   9445   CACCUUCU CUGAURGG GCCGUURGGC CORA AGGACCU   27821   10699   331   AAGGUGUU U CAUCGCU   9446   CACCGUU CUGAURGG GCCGUURGGC CORA AGCACCU   27823   10699   331   AAGGUGUU C AUCGCU   9447   CACCGAUG CUGAURGG GCCGUURGGC CORA ACACCUU   27823   10700   330   AAGGUGUU C AUCGCU   9448   ACACCAU CUGAURGG GCCGUURGGC CORA ACACCUU   27823   10700   330   AAGGUGUU C AUCGCU   9449   CAACACC CUGAURGG GCCGUURGGC CORA ARCACCU   27824   10713   327   UGUUUCAU C GCUGUUGU   9449   CAACACC CUGAURGG GCCGUURGGC CORA ARCACCU   27825   10710   320   UCGCUGUU U GUUUGUU   9451   GAACAACA CUGAURGG GCCGUURGGC CORA ARCACCU   27826   10711   310   UGUUUGUU U GUUCACC   9453   GUGURAAC CUGAURGG GCCGUURGGC CORA ARCACCOU   27826   10711   317   CUGUUGUU U GUUCACC   9451   GAACAACA CUGAURGG GCCGUURGGC CORA ARCACCA   27827   10717   313   UUGUUCUU U CACCCC   9453   GUGURAAC CUGAURGG GCCGUURGGC CORA ARCACCA   27827   10717   313   UGUUUGUU U CACCCC U 9455   GAGCAGUG CUGAURGG CCGUURGGC CORA ARCACCA   27828   10715   315   UUCCCCA   9455   GAGGUGU CUGAURGG CCGUURGGC CORA ACACCAC   27836						<del> </del>
10671   359						
10677    356	$\vdash$					
10675   355	10671	359				
10676   352	10674	356	UCCCUAGU U CCUUCUUA			
10679   351	10675	355		9440		<del></del>
10681   349	10678	352		9441		
10688   348	10679	351	AGUUCCUU C UUAAAACU	9442	AGUUUUAA CUGAUGAG GCCGUUAGGC CGAA AAGGAACU	27818
10688   342	10681	349	UUCCUUCU U AAAACUCA	9443	UGAGUUUU CUGAUGAG GCCGUUAGGC CGAA AGAAGGAA	27819
10698   332	10682	348	UCCUUCUU A AAACUCAG	9444	CUGAGUUU CUGAUGAG GCCGUUAGGC CGAA AAGAAGGA	27820
10699   331   AAGGUGUU UCAUCGCUG   9447   CAGCGAUG CUGAUGAG   GCCGUUAGGC   CGAA   AACACCUU   27823   10700   330   AGGUGUUU C. AUCGCUGU   9448   ACAGCGAU CUGAUGAG   GCCGUUAGGC   CGAA   AACACCCU   27824   10703   327   UGUUUCAU C. GCUGUUUG   9449   CAAACAGC   CUGAUGAG   GCCGUUAGGC   CGAA   AUGAACA   27825   10710   320   UCGCUGUU U UGUUUCACA   9451   GAACAACA   CUGAUGAG   GCCGUUAGGC   CGAA   AACAACAG   27827   10713   317   CUGUUUGUU U UGUUCACA   9452   UGUGAACA   CUGAUGAG   GCCGUUAGGC   CGAA   ACAACCAG   27828   10714   316   UGUUUGUU U GUUCACA   9453   GUGUGAACA   CUGAUGAG   GCCGUUAGGC   CGAA   ACAAACAG   27829   10717   313   UUGUUUGUU U CACAC   9453   GUGUGAAC   CUGAUGAG   GCCGUUAGGC   CGAA   ACAAACA   27829   10718   312   UGUUUGUU U CACAC   9454   GAGGUGU   CUGAUGAG   GCCGUUAGGC   CGAA   ACAAACA   27829   10717   313   UUGUUUGUU C   ACACCUCU   9455   AGAGGUGU   CUGAUGAG   GCCGUUAGGC   CGAA   ACAAACA   27830   10718   312   UGUUUGUU C   ACACCUCU   9455   AGAGGUGU   CUGAUGAG   GCCGUUAGGC   CGAA   ACAAACA   27831   10725   305   UCACACCU C   UCCAUCGA   9456   UCGAUGAG   CUGAUGAG   GCCGUUAGGC   CGAA   ACAAACA   27831   10731   299   CUCUCCAU C   GAUCCAGC   9458   GCUGAUG   CUGAUGAG   GCCGUUAGGC   CGAA   AGAGGUGU   27833   10731   299   CUCUCCAU C   GAUCCAGC   9459   CAGUGCUG   CUGAUGAG   GCCGUUAGGC   CGAA   AUGAACA   27831   10746   284   GCACUGCU C   GAGCAAU   9459   CAGUGCUG   CUGAUGAG   GCCGUUAGGC   CGAA   AUGAACG   27837   10751   279   GCUCGGGU C   GGAGCAAU   9461   AUUGCUCC   CUGAUGAG   GCCGUUAGGC   CGAA   AUCGAUG   27837   10760   270   GGAGCAAU U   GCUGUGAA   9462   UUCCACCC   CUGAUGAG   GCCGUUAGGC   CGAA   AUCGAUG   27838   10800   230   ACACAAAU C   GUAUGAG   GCCAUAGAC   CUGAUGAG   GCCGUUAGGC   CGAA   AUCGAUG   27837   10800   230   ACACACAU A   UGCCCCU   9465   GCCAUAGC   CUGAUGAG   GCCGUUAGGC   CGAA   AUCGAUG   27837   10810   270   GGAGCAAU U   GCCCCUU   9465   AGGGGCC   CUGAUGAG   GCCGUUAGGC   CGAA   AUCGAUG   27841   10813   217   UGCCCCU U   GCCGUCU   9465   AGGGGCC   CUGAUGAG   GCCGUUAGGC	10688	342	UUAAAACU C AGAAGGUG	9445	CACCUUCU CUGAUGAG GCCGUUAGGC CGAA AGUUUUAA	27821
10700   330   AGGUGUUU C AUCGCUGU   9448   ACAGCGAU CUGAUGAG GCCGUUAGGC CGAA AAACACCU   27824   10703   327   UGUUUCAU C GCUGUUUG   9449   CAAACAGC CUGAUGAG GCCGUUAGGC CGAA AUGAAAACA   27825   10709   321   AUCGCUGU U UGUUUGUU   9450   AACAAACA CUGAUGAG GCCGUUAGGC CGAA AUGAAACA   27825   10710   320   UCGCUGUU U GUUUGUU   9451   GAACAAAC CUGAUGAG GCCGUUAGGC CGAA ACAACAGC   27827   10713   317   CUGUUUGU U GUUUCACA   9452   UGUGAACA CUGAUGAG GCCGUUAGGC CGAA ACAAACA   27827   10714   316   UGUUUGUU U GUUCACAC   9453   GUGUGAAC CUGAUGAG GCCGUUAGGC CGAA ACAAACA   27829   10717   313   UUGUUUGUU C ACACCUC   9454   GAGGUGU CUGAUGAG GCCGUUAGGC CGAA ACAAACA   27829   10717   313   UUGUUUGUU C ACACCUC   9455   AGAGGUGU CUGAUGAG GCCGUUAGGC CGAA ACAAACAA   27831   10725   305   UCACACCU C UCAUCGA   9455   AGAGGUGU CUGAUGAG GCCGUUAGGC CGAA ACAAACAA   27831   10727   303   ACACCUCU C CUCAUCGA   9456   UCGAUGGA CUGAUGAG GCCGUUAGGC CGAA ACAAACAA   27831   10731   299   CUCUCCAU C GAUCCAGC   9457   GAUCGAUG CUGAUGAG GCCGUUAGGC CGAA AGCAACAA   27831   10731   299   CUCUCCAU C GAUCCAGC   9459   GAUCGAUG CUGAUGAG GCCGUUAGGC CGAA AUGGAGGA   27834   10735   295   CCAUCGAU C CAACCUG   9459   CAGUGUG CUGAUGAG GCCGUUAGGC CGAA AUGGAGGA   27834   10736   295   CCAUCGAU C GAGCACUG   9459   CAGUGCU C CUGAUGAG GCCGUUAGGC CGAA AUGGAGGA   27836   10751   279   GCUCGGUU C GAGACAAA   9460   UCCGACCC CUGAUGAG GCCGUUAGGC CGAA AUGGAGGA   27836   10751   279   GCUCGGUU C GGAGCAAU   9461   AUGGCCC CUGAUGAG GCCGUUAGGC CGAA AUCGAUG   27837   10760   270   GGAGCAAU U GCUGUUGA   9462   UUCACACC CUGAUGAG GCCGUUAGGC CGAA AUCGAUG   27837   10760   270   GGAGCAAU U GCUGUUGA   9462   UUCACACC CUGAUGAG GCCGUUAGGC CGAA AUCGAUG   27837   10760   270   GGAGCAAU U GCUGUGA   9461   AUGGCCC CUGAUGAG GCCGUUAGGC CGAA AUCGAUC   27838   10751   279   CUCGAGGC   27840   9461   AUGGCCC CUGAUGAG GCCGUUAGGC CGAA AUCGAGC   27840   10803   270   CAGUGGGU C GAGACAG   9466   ACGCGUGAG GCCGUUAGGC CGAA AUCGAGC   27840   10803   270   CAGUGGAU C GACCACU   9465   AGAGGCC CUGAUG	10698	332	GAAGGUGU U UCAUCGCU	9446	AGCGAUGA CUGAUGAG GCCGUUAGGC CGAA ACACCUUC	27822
10703   327	10699	331	AAGGUGUU U CAUCGCUG	9447	CAGCGAUG CUGAUGAG GCCGUUAGGC CGAA AACACCUU	27823
10709   321	10700	330	AGGUGUUU C AUCGCUGU	9448	ACAGCGAU CUGAUGAG GCCGUUAGGC CGAA AAACACCU	27824
10710 320 UCGCUGUU U GUUUGUUC 9451 GAACAAAC CUGAUGAG GCCGUUAGGC CGAA ACCAGCGA 27827 10713 317 CUGUUUGU U UGUUCACA 9452 UGUGAACA CUGAUGAG GCCGUUAGGC CGAA ACAACAG 27828 10714 316 UGUUUGUU U GUUCACAC 9453 GUGUGAAC CUGAUGAG GCCGUUAGGC CGAA ACAACAC 27829 10717 313 UUGUUUGU U CACACCUCC 9454 GAGGUGU CUGAUGAG GCCGUUAGGC CGAA ACAACAA 27830 10718 312 UGUUUGUU C ACACCUCU 9455 AGAGGUGU CUGAUGAG GCCGUUAGGC CGAA ACAACAA 27830 10718 312 UGUUUGUU C ACACCUCU 9455 AGAGGUGU CUGAUGAG GCCGUUAGGC CGAA ACAACAA 27830 10718 312 UGUUUGUU C CAUCGAU 9456 UCGAUGAG CUGAUGAG GCCGUUAGGC CGAA ACAAACA 27831 10725 305 UCACACCU C UCCAUCGA 9456 UCGAUGAG CUGAUGAG GCCGUUAGGC CGAA ACAAACA 27831 10731 299 CUCUCCAU C CAUCGAUC 9457 GAUCGAUG CUGAUGAG GCCGUUAGGC CGAA AGCAGGU 27833 10731 299 CUCUCCAU C CAUCGAUC 9457 GAUCGAUG CUGAUGAG GCCGUUAGGC CGAA AUGGAUG 27833 10735 295 CCAUCGAU C CAGCACUG 9458 GCUGGAUC CUGAUGAG GCCGUUAGGC CGAA AUCGAUGG 27835 10746 244 GCACUGCU C GGGUCGGA 9460 UCCGACC CUGAUGAG GCCGUUAGGC CGAA AUCGAUGG 27835 10751 279 GCUCGGGU C GGAGCAAU 9461 AUUGCUCC CUGAUGAG GCCGUUAGGC CGAA AUCGAUGG 27837 10760 270 GGAGCAAU U GCUGUGAA 9462 UUCACAGC CUGAUGAG GCCGUUAGGC CGAA AUCGAUGG 27837 10800 230 ACACAAAU C GUAUUGGC 9463 GCCAUAGA GCCGUUAGGC CGAA AUUGUUC 27839 10803 227 CAAAUCGU A UUGGCCC 9464 GGGCCCA CUGAUGAG GCCGUUAGGC CGAA AUUGUUC 27839 10803 227 CAAAUCGU A UUGGCCC 9464 GGGCCCA CUGAUGAG GCCGUUAGGC CGAA AUUGUUC 27839 10803 227 CAAAUCGU A UUGGCCC 9464 GGGCCCA CUGAUGAG GCCGUUAGGC CGAA AUUGUUC 27839 10803 227 CAAAUCGU A UUGGCCC 9464 GGGCCCA CUGAUGAG GCCGUUAGGC CGAA AUUGUUC 27840 10805 225 AAUCGUAU U GCCCCUU 9465 AAGGGCC CUGAUGAG GCCGUUAGGC CGAA AUCGAUG 27840 10805 225 AAUCGAUA A GCCCUUU 9465 AAGGGCC CUGAUGAG GCCGUUAGGC CGAA AUCGAUG 27840 10803 227 CAAAUCGU A CAGCCUCU 9465 AAGGGCC CUGAUGAG GCCGUUAGGC CGAA AUCGAUG 27840 10803 227 CAAAUCGU C GAUCAGC 9467 GCCUGAUC CUGAUGAG GCCGUUAGGC CGAA AUCGAUG 27840 10803 227 CAAAUCGU C GAUCAGC 9467 GCCUGAUC CUGAUGAG GCCGUUAGGC CGAA AUCGAUG 27840 10803 227 CCGUCGAU C GAUCAGC 9467 GCCUGAUG C CGAAAGGCC CGAA ACGAUUC 27840 1	10703	327	UGUUUCAU C GCUGUUUG	9449	CAAACAGC CUGAUGAG GCCGUUAGGC CGAA AUGAAACA	27825
10713   317   CUGUUUGU U UGUUCACA   9452   UGUGAACA CUGAUGAG   GCCGUUAGGC   CGAA ACAACCA   27829     10714   316	10709	321	AUCGCUGU U UGUUUGUU	9450	AACAAACA CUGAUGAG GCCGUUAGGC CGAA ACAGCGAU	27826
10714   316	10710	320	UCGCUGUU U GUUUGUUC	9451	GAACAAAC CUGAUGAG GCCGUUAGGC CGAA AACAGCGA	27827
10717   313	10713	317	CUGUUUGU U UGUUCACA	9452	UGUGAACA CUGAUGAG GCCGUUAGGC CGAA ACAAACAG	27828
10718         312         UGUUUGUU C ACACCUCU         9455         AGAGGUGU CUGAUGAG GCCGUUAGGC CGAA AACAAACA         27831           10725         305         UCACACCU C UCCAUCGA         9456         UCGAUGGA CUGAUGAG GCCGUUAGGC         CGAA AGGUGUA         27832           10727         303         ACACCUCU C CAUCGAUC         9457         GAUCGAUG CUGAUGAG GCCGUUAGGC         CGAA AGAGGUGU         27833           10731         299         CUCUCCAU C GAUCCAGC         9458         GCUGGAUC GUGAUGAG GCCGUUAGGC         CGAA AUGGAGG         27834           10735         295         CCAUCGAU C GGGUCGGA         9460         UCCGACCC CUGAUGAG GCCGUUAGGC         CGAA AUCGAUGC         27835           10746         284         GCACUGGU C GGAGCAAU         9461         AUUGCUCC CUGAUGAG GCCGUUAGGC         CGAA ACCGAGC         27836           10751         279         GCUGGGGU C GGAGCAAU         9461         AUUGCUCC CUGAUGAG GCCGUUAGGC         CGAA ACCGAGC         27837           10800         230         ACACAAAU C GUAUUGGC         9463         GCCAAUAC CUGAUGAG GCCGUUAGGC         CGAA AUUUGUCC         27838           10803         227         CAAAUCGU A UUGGCCCC         9464         GGGGCCAA CUGAUGAG GCCGUUAGGC         CGAA ACGAUU         27840           10813         217         UGGC	10714	316	UGUUUGUU U GUUCACAC	9453	GUGUGAAC CUGAUGAG GCCGUUAGGC CGAA AACAAACA	27829
10725         305         UCACACCU C UCCAUCGA         9456         UCGAUGGA CUGAUGA GCCGUUAGGC CGAA AGGUGUA         27832           10727         303         ACACCUCU C CAUCGAUC         9457         GAUCGAUG CUGAUGAG GCCGUUAGGC CGAA AGAGGUGU         27833           10731         299         CUCUCCAU C GAUCCAGC         9458         GCUGGAUC CUGAUGAG GCCGUUAGGC CGAA AUGGAGAG         27834           10735         295         CCAUCGAU C CAGCACUG         9459         CAGUGCUG CUGAUGAG GCCGUUAGGC CGAA AUCGAUGG         27835           10746         284         GCACUGGU C GAGACAAU         9461         AUUGCUCC CUGAUGAG GCCGUUAGGC CGAA ACCCGAGC 27836           10751         279         GCUCGAGU C GGAGCAAU         9461         AUUGCUCC CUGAUGAG GCCGUUAGGC CGAA ACCCGAGC 27837           10760         270         GGAGCAAU U GCUGUGAA         9462         UUCACAGC CUGAUGAG GCCGUUAGGC CGAA AUUGCUCC 27838           10800         230         ACACAAAU C GUAUUGGC         9463         GCCAAUAC CUGAUGAG GCCGUUAGGC CGAA AUUUGUCC 27839           10803         227         CAAAUCGU A UUGGCCCC         9464         GGGGCCAA CUGAUGAG GCCGUUAGGC CGAA AUUUGUU 27840           10813         217         UGGCCCU U GCCGUCGA         9465         AGGGGCC CUGAUGAG GCCGUUAGGC CGAA AUCGAUU 27841           10819         211         CUUGCCCU U GAUCAGC GACCUUU GCCGUCA GC	10717	313	UUGUUUGU U CACACCUC	9454	GAGGUGUG CUGAUGAG GCCGUUAGGC CGAA ACAAACAA	27830
10725         305         UCACACCU C UCCAUCGA         9456         UCGAUGGA CUGAUGA         GCCGUUAGGC CGAA AGGUGUA         27832           10727         303         ACACCUCU C CAUCGAUC         9457         GAUCGAUG CUGAUGAG GCCGUUAGGC CGAA AGAGGUGU         27833           10731         299         CUCUCCAU C GAUCCAGC         9458         GCUGGAUC CUGAUGAG GCCGUUAGGC CGAA AUGGAGAG         27834           10735         295         CCAUCGAU C GGGUCGGA         9459         CAGUGCU C CUGAUGAG GCCGUUAGGC CGAA AUCGAUGG         27835           10746         284         GCACUGCU C GGAGCAAU         9461         AUUGCUCC CUGAUGAG GCCGUUAGGC CGAA ACCCGAGC 27837           10751         279         GCUCGGGU C GGAGCAAU         9461         AUUGCUCC CUGAUGAG GCCGUUAGGC CGAA ACCCGAGC 27836           10760         270         GGAGCAAU U GCUGUGAA         9462         UUCACAGC CUGAUGAG GCCGUUAGGC CGAA AUUGCUCC 27838           10800         230         ACACAAAU C GUAUUGGC         9463         GCCAAUAC CUGAUGAG GCCGUUAGGC CGAA AUUUGUGU 27849           10803         227         CAAAUCGU A UUGGCCCC         9464         GGGGCCAA CUGAUGAG GCCGUUAGGC CGAA AUCCAGUU 27841           10813         217         UGGCCCCU U GCCGUCGA         9465         AGGGGCC CUGAUGAG GCCGUUAGGC CGAA ACGCACAG 27842           10819         211         CUUGCGGU C GAUCA			UGUUUGUU C ACACCUCU	9455	AGAGGUGU CUGAUGAG GCCGUUAGGC CGAA AACAAACA	27831
10727         303         ACACCUCU C CAUCGAUC         9457         GAUCGAUG CUGAUGAG GCCGUUAGGC         CGAA AGAGGUGU         27833           10731         299         CUCUCCAU C GAUCGAGC         9458         GCUGGAUC CUGAUGAG GCCGUUAGGC         CGAA AUGGAGAG         27834           10735         295         CCAUCGAU C CAGCACUG         9459         CAGUGCU CUGAUGAG GCCGUUAGGC         CGAA AUCGAUGG         27835           10746         284         GCACUGCU C GGGUCGGA         9460         UCCGACCC CUGAUGAG GCCGUUAGGC CGAA AUCGAGC C7836         27836           10751         279         GCUCGGGU C GGAGCAAU         9461         AUUGCUCC CUGAUGAG GCCGUUAGGC CGAA AUUUGCCC 27837           10760         270         GGAGCAAU U GCUGUGAA 9462         UUCACAGC CUGAUGAG GCCGUUAGGC CGAA AUUUGUCC 27838           10800         230         ACACAAAU C GUAUUGGC 9463         GCCAAUAC CUGAUGAG GCCGUUAGGC CGAA AUUUGUU 27839           10803         227         CAAAUCGU A UUGGCCCC 9464         GGGGCCAA CUGAUGAG GCCGUUAGGC CGAA AUACGAUU 27841           10813         217         UGGCCCCU U GCCGUCGA 9465         AGGGGCC CUGAUGAG GCCGUUAGGC CGAA AUACGAUU 27841           10819         211         CUUGCCGU C GAUCAGC 9467         GCCUGAUC CUGAUGAG GCCGUUAGGC CGAA ACGGCAAG 27842           10829         201         AUCAGGCU C AACAUAGC 9469         GCUGAUC C CUGAUGAG GCC		305	UCACACCU C UCCAUCGA	9456	UCGAUGGA CUGAUGAG GCCGUUAGGC CGAA AGGUGUGA	27832
10731         299         CUCUCCAU C GAUCCAGC         9458         GCUGGAUC CUGAUGAG GCCGUUAGGC         CGAA AUGGAGG         27834           10735         295         CCAUCGAU C CAGCACUG         9459         CAGUGCUG CUGAUGAG GCCGUUAGGC         CGAA AUCGAUGG         27835           10746         284         GCACUGCU C GGGUCGGA         9460         UCCGACCC CUGAUGAG GCCGUUAGGC         CGAA AGCAGUGC         27836           10751         279         GCUCGGGU C GGAGCAAU         9461         AUUGCUCC CUGAUGAG GCCGUUAGGC         CGAA ACCCGAGC         27837           10760         270         GGAGCAAU U GCUGUGAA         9462         UUCACAGC CUGAUGAG GCCGUUAGGC         CGAA AUUGCUCC         27838           10800         230         ACACAAAU C GUAUGGC         9463         GCCAAUAC CUGAUGAG GCCGUUAGGC         CGAA AUUGUUG         27839           10803         227         CAAAUCGU A UUGGCCCC         9464         GGGGCCAA CUGAUGAG GCCGUUAGGC         CGAA AUACGAUU         27840           10813         217         UGGCCCCU U GCCGUCA         9465         DCGACGGC CUGAUGAG         GCCGUUAGGC         CGAA AGGGCCA         27842           10819         211         CUUGCCGU C GAUCAGGC         9467         GCCUGAUC CUGAUGAG GCCGUUAGGC         CGAA ACGCCAAG         27843           10829					GAUCGAUG CUGAUGAG GCCGUUAGGC CGAA AGAGGUGU	27833
10735         295         CCAUCGAU C CAGCACUG         9459         CAGUGCUG CUGAUGAG GCCGUUAGGC CGAA AUCGAUGG         27835           10746         284         GCACUGCU C GGGUCGGA         9460         UCCGACCC CUGAUGAG GCCGUUAGGC CGAA AGCAGUGC         27836           10751         279         GCUCGGGU C GGAGCAAU         9461         AUUGCUCC CUGAUGAG GCCGUUAGGC CGAA ACCCGAGC         27837           10760         270         GGAGCAAU U GCUGUGAA         9462         UUCACAGC CUGAUGAG GCCGUUAGGC CGAA AUUGCUCC         27838           10800         230         ACACAAAU C GUAUUGGC         9463         GCCAAUAC CUGAUGAG GCCGUUAGGC CGAA AUUUUGUU         27839           10803         227         CAAAUCGU A UUGGCCCC         9464         GGGGCCAA CUGAUGAG GCCGUUAGGC CGAA ACGAUUU         27840           10805         225         AAUCGUAU U GCCGUCGA         9465         AAGGGGCC CUGAUGAG GCCGUUAGGC CGAA AUACGAUU         27841           10813         217         UGGCCCCU U GCCGUCGA         9466         UCGACGGC CUGAUGAG GCCGUUAGGC CGAA ACGGCAA         27842           10819         211         CUUGCCGU C GAUCAGGC         9467         GCCUGAUC CUGAUGAG GCCGUUAGGC CGAA ACGCAAG         27843           10829         201         AUCAGGCU C AACAUAGC         9469         GCUAUGUU CUGAUGAG GCCGUUAGGC CGAA ACCUGAU         27845 <td></td> <td></td> <td></td> <td></td> <td></td> <td>_</td>						_
10746         284         GCACUGCU C GGGUCGGA         9460         UCCGACCC CUGAUGAG GCCGUUAGGC CGAA AGCAGUGC         27836           10751         279         GCUCGGGU C GGAGCAAU         9461         AUUGCUCC CUGAUGAG GCCGUUAGGC CGAA ACCCGAGC         27837           10760         270         GGAGCAAU U GCUGUGAA         9462         UUCACAGC CUGAUGAG GCCGUUAGGC CGAA AUUGCUCC         27838           10800         230         ACACAAAU C GUAUUGGC         9463         GCCAAUAC CUGAUGAG GCCGUUAGGC CGAA AUUUGUGU         27839           10803         227         CAAAUCGU A UUGGCCCC         9464         GGGGCCAA CUGAUGAG GCCGUUAGGC CGAA ACGAUUU         27840           10805         225         AAUCGUAU U GCCGUCUU         9465         AAGGGGCC CUGAUGAG GCCGUUAGGC CGAA AUACGAUU         27841           10813         217         UGGCCCCU U GCCGUCGA         9466         UCGACGGC CUGAUGAG GCCGUUAGGC CGAA ACGGCAA         27842           10819         211         CUUGCCGU C GAUCAGGC         9467         GCCUGAUC CUGAUGAG GCCGUUAGGC CGAA AUCGACG         27843           10823         207         CCGUCGAU C AGGCUCAA         9468         UUGAGCCU CUGAUGAG GCCGUUAGGC CGAA AUCGACG         27844           10835         195         CUCAACAU A GCCCUCUU         9470         AAGAGGGC CUGAUGAG GCCGUUAGGC CGAA AGGCUAU         27846		<del> </del>				<del></del>
10751         279         GCUCGGGU C GGAGCAAU         9461         AUUGCUCC CUGAUGAG GCCGUUAGGC CGAA ACCCGAGC         27837           10760         270         GGAGCAAU U GCUGUGAA         9462         UUCACAGC CUGAUGAG GCCGUUAGGC CGAA AUUGCUCC         27838           10800         230         ACACAAAU C GUAUUGGC         9463         GCCAAUAC CUGAUGAG GCCGUUAGGC CGAA AUUUGUGU         27839           10803         227         CAAAUCGU A UUGGCCCC         9464         GGGGCCAA CUGAUGAG GCCGUUAGGC CGAA ACGAUUU         27840           10805         225         AAUCGUAU U GCCGUCGU         9465         AAGGGGCC CUGAUGAG GCCGUUAGGC CGAA AUACGAUU         27841           10813         217         UGGCCCCU U GCCGUCGA         9466         UCGACGGC CUGAUGAG GCCGUUAGGC CGAA ACGGCAA         27842           10819         211         CUUGCCGU C GAUCAGGC         9467         GCCUGAUC CUGAUGAG GCCGUUAGGC CGAA ACGCCAG         27843           10823         207         CCGUCGAU C AGGCUCAA         9468         UUGAGCCU CUGAUGAG GCCGUUAGGC CGAA AGCCUGAU         27845           10835         195         CUCAACAU A GCCCUCUU         9470         AAGAGGGC CUGAUGAG GCCGUUAGGC CGAA AUGUUGAG         27846           10841         189         AUAGCCCU C UUCAGUCC         9471         GGACUGAA CUGAUGAG GCCGUUAGGC CGAA AGGGCUAU         27847 <td><del></del></td> <td></td> <td></td> <td></td> <td></td> <td></td>	<del></del>					
10760         270         GGAGCAAU U GCUGUGAA         9462         UUCACAGC CUGAUGAG GCCGUUAGGC CGAA AUUGCUCC         27838           10800         230         ACACAAAU C GUAUUGGC         9463         GCCAAUAC CUGAUGAG GCCGUUAGGC CGAA AUUUGUGU         27839           10803         227         CAAAUCGU A UUGGCCCC         9464         GGGGCCAA CUGAUGAG GCCGUUAGGC CGAA ACGAUUU         27840           10805         225         AAUCGUAU U GGCCCCUU         9465         AAGGGGCC CUGAUGAG GCCGUUAGGC CGAA AUACGAUU         27841           10813         217         UGGCCCCU U GCCGUCGA         9466         UCGACGGC CUGAUGAG GCCGUUAGGC CGAA ACGGCAA         27842           10819         211         CUUGCCGU C GAUCAGGC         9467         GCCUGAUC CUGAUGAG GCCGUUAGGC CGAA ACGGCAAG         27843           10823         207         CCGUCGAU C AGGCUCAA         9468         UUGAGCCU CUGAUGAG GCCGUUAGGC CGAA AUCGACGG         27844           10829         201         AUCAGGCU C AACAUAGC         9469         GCUAUGUU CUGAUGAG GCCGUUAGGC CGAA AUGUUGAG         27845           10841         189         AUAGCCCU C UUCAGUCC         9471         GGACUGAA CUGAUGAG GCCGUUAGGC CGAA AUGUUGAG         27847           10843         187         AGCCCUCU U CAGUCCAA         9472         UUGGACUG CUGAUGAG GCCGUUAGGC CGAA AGAGGGCU         27848 </td <td><del></del></td> <td></td> <td></td> <td></td> <td></td> <td>-</td>	<del></del>					-
10800         230         ACACAAAU C GUAUUGGC         9463         GCCAAUAC CUGAUGAG GCCGUUAGGC         CGAA AUUUGUGU         27839           10803         227         CAAAUCGU A UUGGCCCC         9464         GGGGCCAA CUGAUGAG GCCGUUAGGC         CGAA ACGAUUU         27840           10805         225         AAUCGUAU U GCCCCUU         9465         AAGGGGC CUGAUGAG GCCGUUAGGC         CGAA AUACGAUU         27841           10813         217         UGGCCCCU U GCCGUCGA         9466         UCGACGGC CUGAUGAG GCCGUUAGGC         CGAA AGGGCCA         27842           10819         211         CUUGCCGU C GAUCAGGC         9467         GCCUGAUC CUGAUGAG GCCGUUAGGC         CGAA ACGCAAG         27843           10823         207         CCGUCGAU C AGGCUCAA         9468         UUGAGCCU CUGAUGAG GCCGUUAGGC         CGAA AUCGACG         27844           10829         201         AUCAGGCU C AACAUAGC         9469         GCUAUGUU CUGAUGAG GCCGUUAGGC         CGAA AGCCUGAU         27845           10841         189         AUAGCCCU C UUCAGUCC         9471         GGACUGAA CUGAUGAG GCCGUUAGGC         CGAA AGGGCUAU         27847           10843         187         AGCCCUCU U CAGUCCAA         9472         UUGGACUG CUGAUGAG GCCGUUAGGC         CGAA AGAGGGC         27849           10848         182			<u> </u>			
10803         227         CAAAUCGU A UUGGCCCC         9464         GGGGCCAA CUGAUGAG GCCGUUAGGC         CGAA ACGAUUUG         27840           10805         225         AAUCGUAU U GGCCCCUU         9465         AAGGGGCC CUGAUGAG GCCGUUAGGC         CGAA AUACGAUU         27841           10813         217         UGGCCCCU U GCCGUCGA         9466         UCGACGGC CUGAUGAG GCCGUUAGGC         CGAA AGGGGCCA         27842           10819         211         CUUGCCGU C GAUCAGGC         9467         GCCUGAUC CUGAUGAG GCCGUUAGGC         CGAA ACGGCAAG         27843           10823         207         CCGUCGAU C AGGCUCAA         9468         UUGAGCCU CUGAUGAG GCCGUUAGGC         CGAA AUCGACGG         27844           10829         201         AUCAGGCU C AACAUAGC         9469         GCUAUGUU CUGAUGAG GCCGUUAGGC         CGAA AGCCUGAU         27845           10835         195         CUCAACAU A GCCCUCUU         9470         AAGAGGGC CUGAUGAG GCCGUUAGGC         CGAA AUGUUGAG         27846           10841         189         AUAGCCCU C UUCAGUCC         9471         GGACUGAA CUGAUGAG GCCGUUAGGC         CGAA AGGGCUAU         27847           10843         187         AGCCCUCU U CAGUCCAA         9472         UUGGACUG CUGAUGAG GCCGUUAGGC         CGAA AGAGGGCU         27849           10848         18	<b></b>			-		
10805         225         AAUCGUAU U GGCCCCUU         9465         AAGGGGCC CUGAUGAG GCCGUUAGGC CGAA AUACGAUU         27841           10813         217         UGGCCCCU U GCCGUCGA         9466         UCGACGGC CUGAUGAG GCCGUUAGGC CGAA AGGGCCA         27842           10819         211         CUUGCCGU C GAUCAGGC         9467         GCCUGAUC CUGAUGAG GCCGUUAGGC CGAA ACGGCAAG         27843           10823         207         CCGUCGAU C AGGCUCAA         9468         UUGAGCCU CUGAUGAG GCCGUUAGGC CGAA AUCGACGG         27844           10829         201         AUCAGGCU C AACAUAGC         9469         GCUAUGUU CUGAUGAG GCCGUUAGGC CGAA AGCCUGAU         27845           10835         195         CUCAACAU A GCCCUCUU         9470         AAGAGGGC CUGAUGAG GCCGUUAGGC CGAA AUGUUGAG         27846           10841         189         AUAGCCCU C UUCAGUCC         9471         GGACUGAA CUGAUGAG GCCGUUAGGC CGAA AGGGCUAU         27847           10843         187         AGCCCUCU U CAGUCCAA         9472         UUGGACUG CUGAUGAG GCCGUUAGGC CGAA AGAGGGCU         27848           10844         186         GCCCUCUU C AGUCCAAU         9473         AUUGGACU CUGAUGAG GCCGUUAGGC CGAA AAGAGGGC         27849           10848         182         UCUUCAGU C CAAUCAAG         9474         CUUGAUUG CUGAUGAG GCCGUUAGGC CGAA ACUGAAGA         27850     <	<del></del>			<del></del>		
10813 217 UGGCCCCU U GCCGUCGA 9466 UCGACGGC CUGAUGAG GCCGUUAGGC CGAA AGGGGCCA 27842 10819 211 CUUGCCGU C GAUCAGGC 9467 GCCUGAUC CUGAUGAG GCCGUUAGGC CGAA ACGGCAAG 27843 10823 207 CCGUCGAU C AGGCUCAA 9468 UUGAGCCU CUGAUGAG GCCGUUAGGC CGAA AUCGACGG 27844 10829 201 AUCAGGCU C AACAUAGC 9469 GCUAUGUU CUGAUGAG GCCGUUAGGC CGAA AGCCUGAU 27845 10835 195 CUCAACAU A GCCCUCUU 9470 AAGAGGGC CUGAUGAG GCCGUUAGGC CGAA AUGUUGAG 27846 10841 189 AUAGCCCU C UUCAGUCC 9471 GGACUGAA CUGAUGAG GCCGUUAGGC CGAA AGGGCUAU 27847 10843 187 AGCCCUCU U CAGUCCAA 9472 UUGGACUG CUGAUGAG GCCGUUAGGC CGAA AGAGGGCU 27848 10844 186 GCCCUCUU C AGUCCAAU 9473 AUUGGACU CUGAUGAG GCCGUUAGGC CGAA AGAGGGC 27849 10848 182 UCUUCAGU C CAAUCAAG 9474 CUUGAUUG CUGAUGAG GCCGUUAGGC CGAA ACUGAAGA 27850						_
10819 211 CUUGCCGU C GAUCAGGC 9467 GCCUGAUC CUGAUGAG GCCGUUAGGC CGAA ACGGCAAG 27843 10823 207 CCGUCGAU C AGGCUCAA 9468 UUGAGCCU CUGAUGAG GCCGUUAGGC CGAA AUCGACGG 27844 10829 201 AUCAGGCU C AACAUAGC 9469 GCUAUGUU CUGAUGAG GCCGUUAGGC CGAA AGCCUGAU 27845 10835 195 CUCAACAU A GCCCUCUU 9470 AAGAGGGC CUGAUGAG GCCGUUAGGC CGAA AUGUUGAG 27846 10841 189 AUAGCCCU C UUCAGUCC 9471 GGACUGAA CUGAUGAG GCCGUUAGGC CGAA AGGGCUAU 27847 10843 187 AGCCCUCU U CAGUCCAA 9472 UUGGACUG CUGAUGAG GCCGUUAGGC CGAA AGAGGGCU 27848 10844 186 GCCCUCUU C AGUCCAAU 9473 AUUGGACU CUGAUGAG GCCGUUAGGC CGAA AAGAGGGC 27849 10848 182 UCUUCAGU C CAAUCAAG 9474 CUUGAUUG CUGAUGAG GCCGUUAGGC CGAA ACUGAAGA 27850	<del></del>					
10823         207         CCGUCGAU C AGGCUCAA         9468         UUGAGCCU CUGAUGAG GCCGUUAGGC CGAA AUCGACGG         27844           10829         201         AUCAGGCU C AACAUAGC         9469         GCUAUGUU CUGAUGAG GCCGUUAGGC CGAA AGCCUGAU         27845           10835         195         CUCAACAU A GCCCUCUU         9470         AAGAGGGC CUGAUGAG GCCGUUAGGC CGAA AUGUUGAG         27846           10841         189         AUAGCCCU C UUCAGUCC         9471         GGACUGAA CUGAUGAG GCCGUUAGGC CGAA AGGGCUAU         27847           10843         187         AGCCCUCU U CAGUCCAA         9472         UUGGACUG CUGAUGAG GCCGUUAGGC CGAA AGAGGGCU         27848           10844         186         GCCCUCUU C AGUCCAAU         9473         AUUGGACU CUGAUGAG GCCGUUAGGC CGAA AAGAGGGC         27849           10848         182         UCUUCAGU C CAAUCAAG         9474         CUUGAUUG CUGAUGAG GCCGUUAGGC CGAA ACUGAAGA         27850						
10829 201 AUCAGGCU C AACAUAGC 9469 GCUAUGUU CUGAUGAG GCCGUUAGGC CGAA AGCCUGAU 27845 10835 195 CUCAACAU A GCCCUCUU 9470 AAGAGGGC CUGAUGAG GCCGUUAGGC CGAA AUGUUGAG 27846 10841 189 AUAGCCCU C UUCAGUCC 9471 GGACUGAA CUGAUGAG GCCGUUAGGC CGAA AGGGCUAU 27847 10843 187 AGCCCUCU U CAGUCCAA 9472 UUGGACUG CUGAUGAG GCCGUUAGGC CGAA AGAGGGCU 27848 10844 186 GCCCUCUU C AGUCCAAU 9473 AUUGGACU CUGAUGAG GCCGUUAGGC CGAA AAGAGGGC 27849 10848 182 UCUUCAGU C CAAUCAAG 9474 CUUGAUUG CUGAUGAG GCCGUUAGGC CGAA ACUGAAGA 27850			<u> </u>			<del></del>
10835 195 CUCAACAU A GCCCUCUU 9470 AAGAGGGC CUGAUGAG GCCGUUAGGC CGAA AUGUUGAG 27846 10841 189 AUAGCCCU C UUCAGUCC 9471 GGACUGAA CUGAUGAG GCCGUUAGGC CGAA AGGGCUAU 27847 10843 187 AGCCCUCU U CAGUCCAA 9472 UUGGACUG CUGAUGAG GCCGUUAGGC CGAA AGAGGGCU 27848 10844 186 GCCCUCUU C AGUCCAAU 9473 AUUGGACU CUGAUGAG GCCGUUAGGC CGAA AAGAGGGC 27849 10848 182 UCUUCAGU C CAAUCAAG 9474 CUUGAUUG CUGAUGAG GCCGUUAGGC CGAA ACUGAAGA 27850	<u> </u>		<del></del>			
10841 189 AUAGCCCU C UUCAGUCC 9471 GGACUGAA CUGAUGAG GCCGUUAGGC CGAA AGGGCUAU 27847 10843 187 AGCCCUCU U CAGUCCAA 9472 UUGGACUG CUGAUGAG GCCGUUAGGC CGAA AGAGGGCU 27848 186 GCCCUCUU C AGUCCAAU 9473 AUUGGACU CUGAUGAG GCCGUUAGGC CGAA AAGAGGGC 27849 10848 182 UCUUCAGU C CAAUCAAG 9474 CUUGAUUG CUGAUGAG GCCGUUAGGC CGAA ACUGAAGA 27850				<del> </del>		
10843 187 AGCCCUCU U CAGUCCAA 9472 UUGGACUG CUGAUGAG GCCGUUAGGC CGAA AGAGGGCU 27848 10844 186 GCCCUCUU C AGUCCAAU 9473 AUUGGACU CUGAUGAG GCCGUUAGGC CGAA AAGAGGGC 27849 10848 182 UCUUCAGU C CAAUCAAG 9474 CUUGAUUG CUGAUGAG GCCGUUAGGC CGAA ACUGAAGA 27850				<del>}</del>	<u> </u>	+
10844 186 GCCCUCUU C AGUCCAAU 9473 AUUGGACU CUGAUGAG GCCGUUAGGC CGAA AAGAGGGC 27849 10848 182 UCUUCAGU C CAAUCAAG 9474 CUUGAUUG CUGAUGAG GCCGUUAGGC CGAA ACUGAAGA 27850			<del></del>			<del> </del>
10848 182 UCUUCAGU C CAAUCAAG 9474 CUUGAUUG CUGAUGAG GCCGUUAGGC CGAA ACUGAAGA 27850	<del></del>				<u> </u>	_
<u> </u>	<u> </u>					
10853 177   AGUCCAAU C AAGGACAA   9475   UUGUCCUU CUGAUGAG GCCGUUAGGC CGAA AUUGGACU   27851	<del></del>	<del></del>			<u> </u>	+
	10853	177	AGUCCAAU C AAGGACAA	9475	UUGUCCUU CUGAUGAG GCCGUUAGGC CGAA AUUGGACU	27851

#### Table VIII

10874	156	CGGGGCAU U CCGCGUUU	9476	AAACGCGG CUGAUGAG GCCGUUAGGC CGAA AUGCCCCG	27852
10875	155	GGGCAUU C CGCGUUUU	9477	AAAACGCG CUGAUGAG GCCGUUAGGC CGAA AAUGCCCC	27853
10881	149	UUCCGCGU U UUAGCAUA	9478	UAUGCUAA CUGAUGAG GCCGUUAGGC CGAA ACGCGGAA	27854
10882	148	UCCGCGUU U UAGCAUAU	9479	AUAUGCUA CUGAUGAG GCCGUUAGGC CGAA AACGCGGA	27855
10883	147	CCGCGUUU U AGCAUAUU	9480	AAUAUGCU CUGAUGAG GCCGUUAGGC CGAA AAACGCGG	27856
10884	146	CGCGUUUU A GCAUAUUG	9481	CAAUAUGC CUGAUGAG GCCGUUAGGC CGAA AAAACGCG	27857
10889	141	UUUAGCAU A UUGACAGC	9482	GCUGUCAA CUGAUGAG GCCGUUAGGC CGAA AUGCUAAA	27858
10891	139	UAGCAUAU U GACAGCCC	9483	GGGCUGUC CUGAUGAG GCCGUUAGGC CGAA AUAUGCUA	27859
10904	126	GCCCGGCU C UUGCCGGG	9484	CCCGGCAA CUGAUGAG GCCGUUAGGC CGAA AGCCGGGC	27860
10906	124	CCGGCUCU U GCCGGGCC	9485	GGCCCGGC CUGAUGAG GCCGUUAGGC CGAA AGAGCCGG	27861
10917	113	CGGGCCCU C CUGGUUUC	9486	GAAACCAG CUGAUGAG GCCGUUAGGC CGAA AGGGCCCG	27862
10923	107	CUCCUGGU U UCUUAGAC	9487	GUCUAAGA CUGAUGAG GCCGUUAGGC CGAA ACCAGGAG	27863
10924	106	UCCUGGUU U CUUAGACA	9488	UGUCUAAG CUGAUGAG GCCGUUAGGC CGAA AACCAGGA	27864
10925	105	CCUGGUUU C UUAGACAU	9489	AUGUCUAA CUGAUGAG GCCGUUAGGC CGAA AAACCAGG	27865
10927	103	UGGUUUCU U AGACAUCG	9490	CGAUGUCU CUGAUGAG GCCGUUAGGC CGAA AGAAACCA	27866
10928	102	GGUUUCUU A GACAUCGA	9491	UCGAUGUC CUGAUGAG GCCGUUAGGC CGAA AAGAAACC	27867
10934	96	UUAGACAU C GAGAUCUU	9492	AAGAUCUC CUGAUGAG GCCGUUAGGC CGAA AUGUCUAA	27868
10940	90	AUCGAGAU C UUCGUGCU	9493	AGCACGAA CUGAUGAG GCCGUUAGGC CGAA AUCUCGAU	27869
10942	88	CGAGAUCU U CGUGCUAA	9494	UUAGCACG CUGAUGAG GCCGUUAGGC CGAA AGAUCUCG	27870
10943	87	GAGAUCUU C GUGCUAAG	9495	CUUAGCAC CUGAUGAG GCCGUUAGGC CGAA AAGAUCUC	27871
10949	81	UUCGUGCU A AGAAACAG	9496	CUGUUUCU CUGAUGAG GCCGUUAGGC CGAA AGCACGAA	27872
10960	70	AAACAGCU C GCACUGUG	9497	CACAGUGC CUGAUGAG GCCGUUAGGC CGAA AGCUGUUU	27873
10970	60	CACUGUGU U AAUUGUUG	9498	CAACAAUU CUGAUGAG GCCGUUAGGC CGAA ACACAGUG	27874
10971	59	ACUGUGUU A AUUGUUGU	9499	ACAACAAU CUGAUGAG GCCGUUAGGC CGAA AACACAGU	27875
10974	56	GUGUUAAU U GUUGUUAA	9500	UUAACAAC CUGAUGAG GCCGUUAGGC CGAA AUUAACAC	27876
10977	53	UUAAUUGU U GUUAAUCC	9501	GGAUUAAC CUGAUGAG GCCGUUAGGC CGAA ACAAUUAA	27877
10980	50	AUUGUUGU U AAUCCUCA	9502	UGAGGAUU CUGAUGAG GCCGUUAGGC CGAA ACAACAAU	27878
10981	49	UUGUUGUU A AUCCUCAC	9503	GUGAGGAU CUGAUGAG GCCGUUAGGC CGAA AACAACAA	27879
10984	46	UUGUUAAU C CUCACAAA	9504	UUUGUGAG CUGAUGAG GCCGUUAGGC CGAA AUUAACAA	27880
10987	43	UUAAUCCU C ACAAACAC	9505	GUGUUUGU CUGAUGAG GCCGUUAGGC CGAA AGGAUUAA	27881
10997	33	CAAACACU A CUAAGUUU	9506	AAACUUAG CUGAUGAG GCCGUUAGGC CGAA AGUGUUUG	27882
11000	30	ACACUACU A AGUUUGUC	9507	GACAAACU CUGAUGAG GCCGUUAGGC CGAA AGUAGUGU	27883
11004	26	UACUAAGU U UGUCAGCU	9508	AGCUGACA CUGAUGAG GCCGUUAGGC CGAA ACUUAGUA	27884
11005	25	ACUAAGUU U GUCAGCUC	9509	GAGCUGAC CUGAUGAG GCCGUUAGGC CGAA AACUUAGU	27885
11008	22	AAGUUUGU C AGCUCACA	9510	UGUGAGCU CUGAUGAG GCCGUUAGGC CGAA ACAAACUU	27886
11013	17	UGUCAGCU C ACACAGGC	9511	GCCUGUGU CUGAUGAG GCCGUUAGGC CGAA AGCUGACA	27887
				·	

Input Sequence = AF196835_rc. Cut

Site = UH/.

Arm Length = 8. Core Sequence = CUGAUGAG X CGAA (X = GCCGUUAGGC or other stem II)

stem II)
AF196835_rc reverse complement of West Nile virus strain NY99-flamingo38299, complete genome

Table IX: WNV minus strand Inozyme and Target Sequence

Pos	Pos (+str)	Substrate	Seq ID	Ribozyme	Rz Seq
14	11016	CUGUGUUC U CGCACCAC	9512	GUGGUGCG CUGAUGAG GCCGUUAGGC CGAA IAACACAG	27888
18	11012	GUUCUCGC A CCACCAGC	9513	GCUGGUGG CUGAUGAG GCCGUUAGGC CGAA ICGAGAAC	27889
20	11010	UCUCGCAC C ACCAGCCA	9514	UGGCUGGU CUGAUGAG GCCGUUAGGC CGAA IUGCGAGA	27890
21	11009	CUCGCACC A CCAGCCAC	9515	GUGGCUGG CUGAUGAG GCCGUUAGGC CGAA IGUGCGAG	27891
23	11007	CGCACCAC C AGCCACCA	9516	UGGUGGCU CUGAUGAG GCCGUUAGGC CGAA IUGGUGCG	27892
		GCACCACC A GCCACCAU	9517	AUGGUGGC CUGAUGAG GCCGUUAGGC CGAA IGUGGUGC	27893
24	11006		9518	ACAAUGGU CUGAUGAG GCCGUUAGGC CGAA ICUGGUGG	27894
27	11003	CCACCAGC C ACCAUUGU	9519	GACAAUGG CUGAUGAG GCCGUUAGGC CGAA ICCUGGUG	27895
28	11002	CACCAGCC A CCAUUGUC		CCGACAAU CUGAUGAG GCCGUUAGGC CGAA IUGGCUGG	27896
30	11000	CCAGCCAC C AUUGUCGG	9520		
31	10999	CAGCCACC A UUGUCGGC	9521		27897
42	10988	GUCGGCGC A CUGUGCCG	9522	CGGCACAG CUGAUGAG GCCGUUAGGC CGAA ICGCCGAC	27898
44	10986	CGGCGCAC U GUGCCGUG	9523	CACGGCAC CUGAUGAG GCCGUUAGGC CGAA IUGCGCCG	27899
49	10981	CACUGUGC C GUGUGGCU	9524	AGCCACAC CUGAUGAG GCCGUUAGGC CGAA ICACAGUG	27900
57	10973	cananaec n eannanac	9525	GCACAACC CUGAUGAG GCCGUUAGGC CGAA ICCACACG	27901
66	10964	GGUUGUGC A GAGCAGAA	9526	UUCUGCUC CUGAUGAG GCCGUUAGGC CGAA ICACAACC	27902
71	10959	UGCAGAGC A GAAGAUCU	9527	AGAUCUUC CUGAUGAG GCCGUUAGGC CGAA ICUCUGCA	27903
79	10951	AGAAGAUC U CCUAGUCU	9528	AGACUAGG CUGAUGAG GCCGUUAGGC CGAA IAUCUUCU	27904
81	10949	AAGAUCUC C UAGUCUAU	9529	AUAGACUA CUGAUGAG GCCGUUAGGC CGAA IAGAUCUU	27905
82 .	10948	AGAUCUCC U AGUCUAUC	9530	GAUAGACU CUGAUGAG GCCGUUAGGC CGAA IGAGAUCU	27906
87	10943	UCCUAGUC U AUCCCAGG	9531	CCUGGGAU CUGAUGAG GCCGUUAGGC CGAA IACUAGGA	27907
91	10939	AGUCUAUC C CAGGUGUC	9532	GACACCUG CUGAUGAG GCCGUUAGGC CGAA IAUAGACU	27908
92	10938	GUCUAUCC C AGGUGUCA	9533	UGACACCU CUGAUGAG GCCGUUAGGC CGAA IGAUAGAC	27909
93	10937	UCUAUCCC A GGUGUCAA	9534	UUGACACC CUGAUGAG GCCGUUAGGC CGAA IGGAUAGA	27910
100	10930	CAGGUGUC A AUAUGCUG	9535	CAGCAUAU CUGAUGAG GCCGUUAGGC CGAA IACACCUG	27911
107	10923	CAAUAUGC U GUUUUGUU	9536	AACAAAAC CUGAUGAG GCCGUUAGGC CGAA ICAUAUUG	27912
131	10899	UUUGUGGC A CGGGGUCU	9537	AGACCCCG CUGAUGAG GCCGUUAGGC CGAA ICCACAAA	27913
139	10891	ACGGGGUC U CCACUAAC	9538	GUUAGUGG CUGAUGAG GCCGUUAGGC CGAA IACCCCGU	27914
141	10889	GGGGUCUC C ACUAACCU	9539	AGGUUAGU CUGAUGAG GCCGUUAGGC CGAA IAGACCCC	27915
142	10888	GGGUCUCC A CUAACCUC	9540	GAGGUUAG CUGAUGAG GCCGUUAGGC CGAA IGAGACCC	27916
144	10886	GUCUCCAC U AACCUCUA	9541	UAGAGGUU CUGAUGAG GCCGUUAGGC CGAA IUGGAGAC	27917
148	10882	CCACUAAC C UCUAGUCC	9542	GGACUAGA CUGAUGAG GCCGUUAGGC CGAA IUUAGUGG	27918
149	10881	CACUAACC U CUAGUCCU	9543	AGGACUAG CUGAUGAG GCCGUUAGGC CGAA IGUUAGUG	27919
151	10879	CUAACCUC U AGUCCUUC	9544	GAAGGACU CUGAUGAG GCCGUUAGGC CGAA IAGGUUAG	27920
156	10874	CUCUAGUC C UUCCCCUG	9545	CAGGGGAA CUGAUGAG GCCGUUAGGC CGAA IACUAGAG	27921
157	10873	UCUAGUCC U UCCCCUGA	9546	UCAGGGGA CUGAUGAG GCCGUUAGGC CGAA IGACUAGA	27922
160	10870	AGUCCUUC C CCUGACCU	9547	AGGUCAGG CUGAUGAG GCCGUUAGGC CGAA IAAGGACU	27923
161	10869	GUCCUUCC C CUGACCUA	9548	UAGGUCAG CUGAUGAG GCCGUUAGGC CGAA IGAAGGAC	27924
162	10868	UCCUUCCC C UGACCUAC	9549	GUAGGUCA CUGAUGAG GCCGUUAGGC CGAA IGGAAGGA	27925
163	10867	CCUUCCCC U GACCUACA	9550	UGUAGGUC CUGAUGAG GCCGUUAGGC CGAA IGGGAAGG	27926
167	10863	CCCCUGAC C UACAGCUU	9551	AAGCUGUA CUGAUGAG GCCGUUAGGC CGAA IUCAGGGG	27927
168	10862	CCCUGACC U ACAGCUUC	9552	GAAGCUGU CUGAUGAG GCCGUUAGGC CGAA IGUCAGGG	27928
171	10859	UGACCUAC A GCUUCAGU	9553	ACUGAAGC CUGAUGAG GCCGUUAGGC CGAA IUAGGUCA	27929
174	10856	CCUACAGC U UCAGUCAG	9554	CUGACUGA CUGAUGAG GCCGUUAGGC CGAA ICUGUAGG	27930
177	10853	ACAGCUUC A GUCAGGCU	9555	AGCCUGAC CUGAUGAG GCCGUUAGGC CGAA IAAGCUGU	27931
181	10849	CUUCAGUC A GGCUGGGC	9556	GCCCAGCC CUGAUGAG GCCGUUAGGC CGAA IACUGAAG	27932
185	10845	AGUCAGGC U GGGCCGUG	9557	CACGGCCC CUGAUGAG GCCGUUAGGC CGAA ICCUGACU	27933
190	10845	GGCUGGGC C GUGCACUU	9558	AAGUGCAC CUGAUGAG GCCGUUAGGC CGAA ICCCAGCC	27934
				GUUUAAAG CUGAUGAG GCCGUUAGGC CGAA ICACGGCC	<del></del>
195	10835	GGCCGUGC A CUUUAAAC	9559		27935
197	10833	CCGUGCAC U UUAAACCG	9560	CGGUUUAA CUGAUGAG GCCGUUAGGC CGAA IUUUAAAG	27936
204	10826	CUUUAAAC C GCGGGGUC	9561	GACCCCGC CUGAUGAG GCCGUUAGGC CGAA IUUUAAAG	27937
213	10817	GCGGGGUC U CCUCUAAC	9562	GUUAGAGG CUGAUGAG GCCGUUAGGC CGAA IACCCCGC	27938
215	10815	GGGGUCUC C UCUAACCU	9563	AGGUUAGA CUGAUGAG GCCGUUAGGC CGAA IAGACCCC	27939
216	10814	GGGUCUCC U CUAACCUC	9564	GAGGUUAG CUGAUGAG GCCGUUAGGC CGAA IGAGACCC	27916
218	10812	GUCUCCUC U AACCUCUA	9565	UAGAGGUU CUGAUGAG GCCGUUAGGC CGAA IAGGAGAC	27940
222	10808	CCUCUAAC C UCUAGUCC	9566	GGACUAGA CUGAUGAG GCCGUUAGGC CGAA IUUAGAGG	27941
223	10807	CUCUAACC U CUAGUCCU	9567	AGGACUAG CUGAUGAG GCCGUUAGGC CGAA IGUUAGAG	27942
225	10805	CUAACCUC U AGUCCUUU	9568	AAAGGACU CUGAUGAG GCCGUUAGGC CGAA IAGGUUAG	27943

220	10000	CUCUAGUC C UUUCGCCC	9569	GGGCGAAA CUGAUGAG GCCGUUAGGC CGAA IACUAGAG	27944
230	10800	UCUAGUCC U UUCGCCCU	9570	AGGGCGAA CUGAUGAG GCCGUUAGGC CGAA IGACUAGA	27945
231		CCUUUCGC C CUGGUUAA	9571	UUAACCAG CUGAUGAG GCCGUUAGGC CGAA ICGAAAGG	27946
237	10793	CUUUCGCC C UGGUUAAC	9572	GUUAACCA CUGAUGAG GCCGUUAGGC CGAA IGCGAAAG	27947
238	10792		9573	UGUUAACC CUGAUGAG GCCGUUAGGC CGAA IGGCGAAA	27948
239	10791	UUUCGCCC U GGUUAACA		GGUAAUGG CUGAUGAG GCCGUUAGGC CGAA IUUAACCA	27949
247	10783	UGGUUAAC A CCAUUACC	9574	CCGGUAAU CUGAUGAG GCCGUUAGGC CGAA IUGUUAAC	27950
249	10781	GUUAACAC C AUUACCGG	9575		27951
250	10780	UUAACACC A UUACCGGG	9576		27952
255	10775	ACCAUUAC C GGGGCUAG	9577		27953
261	10769	ACCGGGGC U AGGGCCGC	9578	GCGGCCCU CUGAUGAG GCCGUUAGGC CGAA ICCCCGGU	
267	10763	GCUAGGGC C GCGUGGGG	9579	CCCCACGC CUGAUGAG GCCGUUAGGC CGAA ICCCUAGC	27954
287	10743	UGGUUUGC C UUUGUUAA	9580	UUAACAAA CUGAUGAG GCCGUUAGGC CGAA ICAAACCA	27955
288	10742	GGUUUGCC U UUGUUAAC	9581	GUUAACAA CUGAUGAG GCCGUUAGGC CGAA IGCAAACC	27956
297	10733	UUGUUAAC C CAGUCCUC	9582	GAGGACUG CUGAUGAG GCCGUUAGGC CGAA IUUAACAA	27957
298	10732	UGUUAACC C AGUCCUCC	9583	GGAGGACU CUGAUGAG GCCGUUAGGC CGAA IGUUAACA	27958
299	10731	GUUAACCC A GUCCUCCU	9584	AGGAGGAC CUGAUGAG GCCGUUAGGC CGAA IGGUUAAC	27959
303	10727	ACCCAGUC C UCCUGGGG	9585	CCCCAGGA CUGAUGAG GCCGUUAGGC CGAA IACUGGGU	27960
457	10573	ACCCAGUC C UCCUGGGG	9585	CCCCAGGA CUGAUGAG GCCGUUAGGC CGAA IACUGGGU	27960
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306	10724	CAGUCCUC C UGGGGCAC	9587	GUGCCCCA CUGAUGAG GCCGUUAGGC CGAA IAGGACUG	27962
307	10723	AGUCCUCC U GGGGCACU	9588	AGUGCCCC CUGAUGAG GCCGUUAGGC CGAA IGAGGACU	27963
313	10717	CCUGGGGC A CUAUCGCA	9589	UGCGAUAG CUGAUGAG GCCGUUAGGC CGAA ICCCCAGG	27964
315	10715	UGGGGCAC U AUCGCAGA	9590	UCUGCGAU CUGAUGAG GCCGUUAGGC CGAA IUGCCCCA	27965
321	10709	ACUAUCGC A GACUGCAC	9591	GUGCAGUC CUGAUGAG GCCGUUAGGC CGAA ICGAUAGU	27966
325	10705	UCGCAGAC U GCACUCUC	9592	GAGAGUGC CUGAUGAG GCCGUUAGGC CGAA IUCUGCGA	27967
328	10702	CAGACUGC A CUCUCCGC	9593	GCGGAGAG CUGAUGAG GCCGUUAGGC CGAA ICAGUCUG	27968
330	10700	GACUGCAC U CUCCGCAG	9594	CUGCGGAG CUGAUGAG GCCGUUAGGC CGAA IUGCAGUC	27969
332	10698	CUGCACUC U CCGCAGAG	9595	CUCUGCGG CUGAUGAG GCCGUUAGGC CGAA IAGUGCAG	27970
334	10696	GCACUCUC C GCAGAGUA	9596	UACUCUGC CUGAUGAG GCCGUUAGGC CGAA IAGAGUGC	27971
337	10693	CUCUCCGC A GAGUAGCA	9597	UGCUACUC CUGAUGAG GCCGUUAGGC CGAA ICGGAGAG	27972
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349	10681	UAGCACGC C GUAGCGUG	9599	CACGCUAC CUGAUGAG GCCGUUAGGC CGAA ICGUGCUA	27974
361	10669	GCGUGGUC U GACAUUGG	9600	CCAAUGUC CUGAUGAG GCCGUUAGGC CGAA IACCACGC	27975
365	10665	GGUCUGAC A UUGGGCUU	9601	AAGCCCAA CUGAUGAG GCCGUUAGGC CGAA IUCAGACC	27976
372	10658	CAUUGGGC U UUGAAGUU	9602	AACUUCAA CUGAUGAG GCCGUUAGGC CGAA ICCCAAUG	27977
383	10647	GAAGUUAC A ACAUGUGG	9603	CCACAUGU CUGAUGAG GCCGUUAGGC CGAA IUAACUUC	27978
386	10644	GUUACAAC A UGUGGGGU	9604	ACCCCACA CUGAUGAG GCCGUUAGGC CGAA IUUGUAAC	27979
396	10634	GUGGGGUC C UCCUUCCG	9605	CGGAAGGA CUGAUGAG GCCGUUAGGC CGAA IACCCCAC	27980
397	10633	UGGGGUCC U CCUUCCGA	9606	UCGGAAGG CUGAUGAG GCCGUUAGGC CGAA IGACCCCA	27981
399	10631	GGGUCCUC C UUCCGAGA	9607	UCUCGGAA CUGAUGAG GCCGUUAGGC CGAA IAGGACCC	27982
400	10630	GGUCCUCC U UCCGAGAC	9608	GUCUCGGA CUGAUGAG GCCGUUAGGC CGAA IGAGGACC	27983
403	10627	CCUCCUUC C GAGACGGU	9609	ACCGUCUC CUGAUGAG GCCGUUAGGC CGAA IAAGGAGG	27984
414	10616	GACGGUUC U GAGGGCUU	9610	AAGCCCUC CUGAUGAG GCCGUUAGGC CGAA IAACCGUC	27985
421	10609	CUGAGGGC U UACAUGGA	9611	UCCAUGUA CUGAUGAG GCCGUUAGGC CGAA ICCCUCAG	27986
425	10605	GGGCUUAC A UGGAUCAC	9612	GUGAUCCA CUGAUGAG GCCGUUAGGC CGAA IUAAGCCC	27987
432	10598	CAUGGAUC A CUUCGCGG	9613	CCGCGAAG CUGAUGAG GCCGUUAGGC CGAA IAUCCAUG	27988
434	10596	UGGAUCAC U UCGCGGCU	9614	AGCCGCGA CUGAUGAG GCCGUUAGGC CGAA IUGAUCCA	27989
442	10588	UUCGCGGC U UUGUUCAC	9615	GUGAACAA CUGAUGAG GCCGUUAGGC CGAA ICCGCGAA	27990
449	10581	CUUUGUUC A CCCAGUCC	9616	GGACUGGG CUGAUGAG GCCGUUAGGC CGAA IAACAAAG	27991
451	10579	UUGUUCAC C CAGUCCUC	9617	GAGGACUG CUGAUGAG GCCGUUAGGC CGAA IUGAACAA	27992
452	10578	UGUUCACC C AGUCCUCC	9618	GGAGGACU CUGAUGAG GCCGUUAGGC CGAA IGUGAACA	27993
453	10577	GUUCACCC A GUCCUCCU	9619	AGGAGGAC CUGAUGAG GCCGUUAGGC CGAA IGGUGAAC	27994
458	10572	CCCAGUCC U CCUGGGGU	9620	ACCCCAGG CUGAUGAG GCCGUUAGGC CGAA IGACUGGG	27995
460	10570	CAGUCCUC C UGGGGUUG	9621	CAACCCCA CUGAUGAG GCCGUUAGGC CGAA IAGGACUG	27996
461	10569	AGUCCUCC U GGGGUUGA	9622	UCAACCCC CUGAUGAG GCCGUUAGGC CGAA IGAGGACU	27997
475	10555	UGAGUCGC A GGCAGCAC	9623	GUGCUGCC CUGAUGAG GCCGUUAGGC CGAA ICGACUCA	27998
479	10551	UCGCAGGC A GCACCGUC	9624	GACGGUGC CUGAUGAG GCCGUUAGGC CGAA ICCUGCGA	27999
482	10548	CAGGCAGC A CCGUCUAC	9625	GUAGACGG CUGAUGAG GCCGUUAGGC CGAA ICUGCCUG	28000
484	10546	GGCAGCAC C GUCUACUC	9626	GAGUAGAC CUGAUGAG GCCGUUAGGC CGAA IUGCUGCC	28001
488	10542	GCACCGUC U ACUCAACU	9627	AGUUGAGU CUGAUGAG GCCGUUAGGC CGAA IACGGUGC	28002
491	10539	CCGUCUAC U CAACUUCC	9628	GGAAGUUG CUGAUGAG GCCGUUAGGC CGAA IVAGACGG	28003
431	1 10233	LCCOCCOAC O CMACOOCC	1 2020	CONSCION CONTONA OCCOORDOC COM IDAGACOG	1 23003

		Grigin Grig & ACUTIOGGG	9629	CCGGAAGU CUGAUGAG GCCGUUAGGC CGAA IAGUAGAC	28004
493	10537	GUCUACUC A ACUUCCGG		CCACCGGA CUGAUGAG GCCGUUAGGC CGAA IUUGAGUA	28005
496	10534	UACUCAAC U UCCGGUGG	9630	CCGCCACC CUGAUGAG GCCGUUAGGC CGAA 1AAGUUGA	
499	10531	UCAACUUC C GGUGGCGG	9631	GGCCGGGA CUGAUGAG GCCGUUAGGC CGAA IUUCCCGC	28006
512	10518	GCGGGAAC U UCCCGGCC	9632		28007
515	10515	GGAACUUC C CGGCCUGA	9633	UCAGGCCG CUGAUGAG GCCGUUAGGC CGAA IAAGUUCC	28008
516	10514	GAACUUCC C GGCCUGAC	9634	GUCAGGCC CUGAUGAG GCCGUUAGGC CGAA IGAAGUUC	28009
520	10510	UUCCCGGC C UGACUUUC	9635	GAAAGUCA CUGAUGAG GCCGUUAGGC CGAA ICCGGGAA	28010
521	10509	UCCCGGCC U GACUUUCU	9636	AGAAAGUC CUGAUGAG GCCGUUAGGC CGAA IGCCGGGA	28011
525	10505	GGCCUGAC U UUCUCCUC	9637	GAGGAGAA CUGAUGAG GCCGUUAGGC CGAA IUCAGGCC	28012
529	10501	UGACUUUC U CCUCAAAA	9638	UUUUGAGG CUGAUGAG GCCGUUAGGC CGAA IAAAGUCA	28013
531	10499	ACUUUCUC C UCAAAAUU	9639	AAUUUUGA CUGAUGAG GCCGUUAGGC CGAA IAGAAAGU	28014
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543	10487	AAAUUUUC U UAACUAUU	9642	AAUAGUUA CUGAUGAG GCCGUUAGGC CGAA IAAAAUUU	28017
548	10482	UUCUUAAC U AUUUACAC	9643	GUGUAAAU CUGAUGAG GCCGUUAGGC CGAA IUUAAGAA	28018
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557	10473	AUUUACAC U AACACCAC	9645	GUGGUGUU CUGAUGAG GCCGUUAGGC CGAA IUGUAAAU	28020
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563	10467	ACUAACAC C ACUAAAUA	9647	UAUUUAGU CUGAUGAG GCCGUUAGGC CGAA IUGUUAGU	28022
564	10466	CUAACACC A CUAAAUAC	9648	GUAUUUAG CUGAUGAG GCCGUUAGGC CGAA IGUGUUAG	28023
566	10464	AACACCAC U AAAUACUA	9649	UAGUAUUU CUGAUGAG GCCGUUAGGC CGAA IUGGUGUU	28024
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576	10454	AAUACUAC U AUAAAACU	9651	AGUUUUAU CUGAUGAG GCCGUUAGGC CGAA IUAGUAUU	28026
584	10446	UAUAAAAC U ACACUUUU	9652	AAAAGUGU CUGAUGAG GCCGUUAGGC CGAA IUUUUAUA	28027
587	10443	AAAACUAC A CUUUUAUG	9653	CAUAAAAG CUGAUGAG GCCGUUAGGC CGAA IUAGUUUU	28028
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597	10433	UUUUAUGC A UACUUAUA	9655	UAUAAGUA CUGAUGAG GCCGUUAGGC CGAA ICAUAAAA	28030
601	10429	AUGCAUAC U UAUAUUGU	9656	ACAAUAUA CUGAUGAG GCCGUUAGGC CGAA IUAUGCAU	28031
611	10419	AUAUUGUC U AUUUACAA	9657	UUGUAAAU CUGAUGAG GCCGUUAGGC CGAA IACAAUAU	28032
618	10412	CUAUUUAC A AUUGAUUA	9658	UAAUCAAU CUGAUGAG GCCGUUAGGC CGAA IUAAAUAG	28033
633	10397	UAAAUAUC U ACAGUACU	9659	AGUACUGU CUGAUGAG GCCGUUAGGC CGAA IAUAUUUA	28034
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641	10389	UACAGUAC U GUGUCCUC	9661	GAGGACAC CUGAUGAG GCCGUUAGGC CGAA IUACUGUA	28036
647	10383	ACUGUGUC C UCAACCAA	9662	UUGGUUGA CUGAUGAG GCCGUUAGGC CGAA IACACAGU	28037
648	10382	CUGUGUCC U CAACCAAA	9663	UUUGGUUG CUGAUGAG GCCGUUAGGC CGAA IGACACAG	28038
650	10380	GUGUCCUC A ACCAAAGU	9664	ACUUUGGU CUGAUGAG GCCGUUAGGC CGAA IAGGACAC	28039
653	10377	UCCUCAAC C AAAGUUGU	9665	ACAACUUU CUGAUGAG GCCGUUAGGC CGAA IUUGAGGA	28040
654	10377	CCUCAACC A AAGUUGUG	9666	CACAACUU CUGAUGAG GCCGUUAGGC CGAA IGUUGAGG	28041
665	10376	GUUGUGUC U UCAUAUCU	9667	AGAUAUGA CUGAUGAG GCCGUUAGGC CGAA IACACAAC	28042
668	10363	GUGUCUUC A UAUCUCUU	9668	AAGAGAUA CUGAUGAG GCCGUUAGGC CGAA IAAGACAC	28043
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	<del></del>	CAUAUCUC U UUAGUGAA	9670	UUCACUAA CUGAUGAG GCCGUUAGGC CGAA IAGAUAUG	28045
675	10355	<u> </u>			28045
685	10345	UAGUGAAC U CAUGUAAU	9671	AUUACAUG CUGAUGAG GCCGUUAGGC CGAA IUUCACUA	28047
687	10343	GUGAACUC A UGUAAUCC	9672	GGAUUACA CUGAUGAG GCCGUUAGGC CGAA IAGUUCAC	
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696	10334	UGUAAUCC A CAUACUUC	9674	GAAGUAUG CUGAUGAG GCCGUUAGGC CGAA IGAUUACA	28049
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705	10325	CAUACUUC U CAUCUCCG	9677	CGGAGAUG CUGAUGAG GCCGUUAGGC CGAA IAAGUAUG	28052
707	10323	UACUUCUC A UCUCCGAU	9678	AUCGGAGA CUGAUGAG GCCGUUAGGC CGAA IAGAAGUA	28053
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722	10308	AUGAUUGC U CUGACUUG	9681	CAAGUCAG CUGAUGAG GCCGUUAGGC CGAA ICAAUCAU	28056
724	10306	GAUUGCUC U GACUUGGU	9682	ACCAAGUC CUGAUGAG GCCGUUAGGC CGAA IAGCAAUC	28057
728	10302	GCUCUGAC U UGGUUGAU	9683	AUCAACCA CUGAUGAG GCCGUUAGGC CGAA IUCAGAGC	28058
740	10290	UUGAUAGC C ACCUGGAU	9684	AUCCAGGU CUGAUGAG GCCGUUAGGC CGAA ICUAUCAA	28059
741	10289	UGAUAGCC A CCUGGAUG	9685	CAUCCAGG CUGAUGAG GCCGUUAGGC CGAA IGCUAUCA	28060
743	10287	AUAGCCAC C UGGAUGUU	9686	AACAUCCA CUGAUGAG GCCGUUAGGC CGAA IUGGCUAU	28061
744	10286	UAGCCACC U GGAUGUUU	9687	AAACAUCC CUGAUGAG GCCGUUAGGC CGAA IGUGGCUA	28062
755	10275	AUGUUUUC U GCCCACGU	9688	ACGUGGGC CUGAUGAG GCCGUUAGGC CGAA IAAAACAU	28063
758	10272	UUUUCUGC C CACGUGGC	9689	GCCACGUG CUGAUGAG GCCGUUAGGC CGAA ICAGAAAA	28064

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759	10271	UUUCUGCC C ACGUGGCU	9690	AGCCACGU CUGAUGAG GCCGUUAGGC CGAA IGCAGAAA	28065
760	10270	UUCUGCCC A CGUGGCUC	9691	GAGCCACG CUGAUGAG GCCGUUAGGC CGAA IGGCAGAA	28066
	10263	CACGUGGC U CGGGCUCU	9692	AGAGCCCG CUGAUGAG GCCGUUAGGC CGAA ICCACGUG	28067
767			9693	GGCACAAG CUGAUGAG GCCGUUAGGC CGAA ICCCGAGC	28068
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775	10255	UCGGGCUC U UGUGCCAA	9694		28069
781	10249	UCUUGUGC C AAUCAGGC	9695	GCCUGAUU CUGAUGAG GCCGUUAGGC CGAA ICACAAGA	28070
782	10248	CUUGUGCC A AUCAGGCU	9696	AGCCUGAU CUGAUGAG GCCGUUAGGC CGAA IGCACAAG	28071
786	10244	UGCCAAUC A GGCUGCCA	9697	UGGCAGCC CUGAUGAG GCCGUUAGGC CGAA IAUUGGCA	28072
790	10240	AAUCAGGC U GCCACACC	9698	GGUGUGGC CUGAUGAG GCCGUUAGGC CGAA ICCUGAUU	28073
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794	10236	AGGCUGCC A CACCAGAU	9700	AUCUGGUG CUGAUGAG GCCGUUAGGC CGAA IGCAGCCU	28075
796	10234	GCUGCCAC A CCAGAUGU	9701	ACAUCUGG CUGAUGAG GCCGUUAGGC CGAA IUGGCAGC	28076
798	10232	UGCCACAC C AGAUGUCC	9702	GGACAUCU CUGAUGAG GCCGUUAGGC CGAA IUGUGGCA	28077
799	10231	GCCACACC A GAUGUCCU	9703	AGGACAUC CUGAUGAG GCCGUUAGGC CGAA IGUGUGGC	28078
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835	10195	GACGUCAC U CCAUUUCU	9710	AGAAAUGG CUGAUGAG GCCGUUAGGC CGAA IUGACGUC	28085
837	10193	CGUCACUC C AUUUCUCC	9711	GGAGAAAU CUGAUGAG GCCGUUAGGC CGAA IAGUGACG	28086
838	10192	GUCACUCC A UUUCUCCA	9712	UGGAGAAA CUGAUGAG GCCGUUAGGC CGAA IGAGUGAC	28087
843	10187	UCCAUUUC U CCACUGGG	9713	CCCAGUGG CUGAUGAG GCCGUUAGGC CGAA IAAAUGGA	28088
845	10185	CAUUUCUC C ACUGGGGU	9714	ACCCCAGU CUGAUGAG GCCGUUAGGC CGAA IAGAAAUG	28089
846	10184	AUUUCUCC A CUGGGGUU	9715	AACCCCAG CUGAUGAG GCCGUUAGGC CGAA IGAGAAAU	28090
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860	10170	GUUUUGUC U UCCAUCCA	9717	UGGAUGGA CUGAUGAG GCCGUUAGGC CGAA IACAAAAC	28092
863	10167	UUGUCUUC C AUCCAUUC	9718	GAAUGGAU CUGAUGAG GCCGUUAGGC CGAA IAAGACAA	28093
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867	10163	CUUCCAUC C AUUCAUUC	9720	GAAUGAAU CUGAUGAG GCCGUUAGGC CGAA IAUGGAAG	28095
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876	10154	AUUCAUUC U CCUCUAUC	9723	GAUAGAGG CUGAUGAG GCCGUUAGGC CGAA IAAUGAAU	28098
		UCAUUCUC C UCUAUCCA	9724	UGGAUAGA CUGAUGAG GCCGUUAGGC CGAA IAGAAUGA	28099
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879	10151	CAUUCUCC U CUAUCCAA	9725	UUGGAUAG CUGAUGAG GCCGUUAGGC CGAA IGAGAAUG	28100
881	10149	UUCUCCUC U AUCCAAAC	9726	GUUUGGAU CUGAUGAG GCCGUUAGGC CGAA IAGGAGAA	28101
885	10145	CCUCUAUC C AAACACGG	9727	CCGUGUUU CUGAUGAG GCCGUUAGGC CGAA IAUAGAGG	28102
886	10144	CUCUAUCC A AACACGGU	9728	ACCGUGUU CUGAUGAG GCCGUUAGGC CGAA IGAUAGAG	28103
890	10140	AUCCAAAC A CGGUUCCA	9729	UGGAACCG CUGAUGAG GCCGUUAGGC CGAA IUUUGGAU	28104
897	10133	CACGGUUC C AGACCUCC	9730	GGAGGUCU CUGAUGAG GCCGUUAGGC CGAA IAACCGUG	28105
898	10132	ACGGUUCC A GACCUCCA	9731	UGGAGGUC CUGAUGAG GCCGUUAGGC CGAA IGAACCGU	28106
902	10128	UUCCAGAC C UCCAACAU	9732	AUGUUGGA CUGAUGAG GCCGUUAGGC CGAA IUCUGGAA	28107
903	10127	UCCAGACC U CCAACAUG	9733	CAUGUUGG CUGAUGAG GCCGUUAGGC CGAA IGUCUGGA	28108
905	10125	CAGACCUC C AACAUGUC	9734	GACAUGUU CUGAUGAG GCCGUUAGGC CGAA IAGGUCUG	28109
906	10124	AGACCUCC A ACAUGUCC	9735	GGACAUGU CUGAUGAG GCCGUUAGGC CGAA IGAGGUCU	28110
909	10121	CCUCCAAC A UGUCCUCU	9736	AGAGGACA CUGAUGAG GCCGUUAGGC CGAA IUUGGAGG	28111
914	10116	AACAUGUC C UCUGUUGU	9737	ACAACAGA CUGAUGAG GCCGUUAGGC CGAA IACAUGUU	28112
915	10115	ACAUGUCC U CUGUUGUC	9738	GACAACAG CUGAUGAG GCCGUUAGGC CGAA IGACAUGU	28113
917	10113	AUGUCCUC U GUUGUCAU	9739	AUGACAAC CUGAUGAG GCCGUUAGGC CGAA IAGGACAU	28114
924	10106	CUGUUGUC A UCCACUCU	9740	AGAGUGGA CUGAUGAG GCCGUUAGGC CGAA IACAACAG	28115
927	10103	UUGUCAUC C ACUCUCCU	9741	AGGAGAGU CUGAUGAG GCCGUUAGGC CGAA IACAACAA	
928	10103	UGUCAUCC A CUCUCCUC		GAGGAGAG CUGAUGAG GCCGUUAGGC CGAA IAUGACAA	28116
	<del></del>	Ļ <del> </del>	9742		28117
930	10100	UCAUCCAC U CUCCUCCU	9743	AGGAGGAG CUGAUGAG GCCGUUAGGC CGAA IUGGAUGA	28118
932	10098	AUCCACUC U CCUCCUGC	9744	GCAGGAGG CUGAUGAG GCCGUUAGGC CGAA IAGUGGAU	28119
934	10096	CCACUCUC C UCCUGCAU	9745	AUGCAGGA CUGAUGAG GCCGUUAGGC CGAA IAGAGUGG	28120
935	10095	CACUCUCC U CCUGCAUG	9746	CAUGCAGO CUGAUGAG GCCGUUAGGC CGAA IGAGAGUG	28121
937	10093	CUCUCCUC C UGCAUGGA	9747	UCCAUGCA CUGAUGAG GCCGUUAGGC CGAA IAGGAGAG	28122
938	10092	UCUCCUCC U GCAUGGAU	9748	AUCCAUGC CUGAUGAG GCCGUUAGGC CGAA IGAGGAGA	28123
941	10089	CCUCCUGC A UGGAUGGA	9749	UCCAUCCA CUGAUGAG GCCGUUAGGC CGAA ICAGGAGG	28124
951	10079	GGAUGGAC C ACGUGGUU	9750	AACCACGU CUGAUGAG GCCGUUAGGC CGAA IUCCAUCC	28125
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	Table IX

952	10078	GAUGGACC A CGUGGUUC	9751	GAACCACG CUGAUGAG GCCGUUAGGC CGAA IGUCCAUC	28126
961	10069	CGUGGUUC U UCCGGUAG	9752	CUACCGGA CUGAUGAG GCCGUUAGGC CGAA IAACCACG	28127
	10066	GGUUCUUC C GGUAGGGA	9753	UCCCUACC CUGAUGAG GCCGUUAGGC CGAA IAAGAACC	28128
964		GUAGGGAC C CAAUUCAC	9754	GUGAAUUG CUGAUGAG GCCGUUAGGC CGAA IUCCCUAC	28129
974	10056				
975	10055	UAGGGACC C AAUUCACA	9755	UGUGAAUU CUGAUGAG GCCGUUAGGC CGAA IGUCCCUA	28130
976	10054	AGGGACCC A AUUCACAG	9756	CUGUGAAU CUGAUGAG GCCGUUAGGC CGAA IGGUCCCU	28131
981	10049	CCCAAUUC A CAGGGACA	9757	UGUCCCUG CUGAUGAG GCCGUUAGGC CGAA IAAUUGGG	28132
983	10047	CAAUUCAC A GGGACAGC	9758	GCUGUCCC CUGAUGAG GCCGUUAGGC CGAA IUGAAUUG	28133
989	10041	ACAGGGAC A GCGGAGCA	9759	UGCUCCGC CUGAUGAG GCCGUUAGGC CGAA IUCCCUGU	28134
997	10033	AGCGGAGC A AAUGGCGU	9760	ACGCCAUU CUGAUGAG GCCGUUAGGC CGAA ICUCCGCU	28135
1010	10020	GCGUUGGC C AUGAGCCG	9761	CGGCUCAU CUGAUGAG GCCGUUAGGC CGAA ICCAACGC	28136
1011	10019	CGUUGGCC A UGAGCCGC	9762	GCGGCUCA CUGAUGAG GCCGUUAGGC CGAA IGCCAACG	28137
1017	10013	CCAUGAGC C GCAGGUCU	9763	AGACCUGC CUGAUGAG GCCGUUAGGC CGAA ICUCAUGG	28138
1020	10010	UGAGCCGC A GGUCUCUU	9764	AAGAGACC CUGAUGAG GCCGUUAGGC CGAA ICGGCUCA	28139
1025	10005	CGCAGGUC U CUUCUGUG	9765	CACAGAAG CUGAUGAG GCCGUUAGGC CGAA IACCUGCG	28140
1027	10003	CAGGUCUC U UCUGUGGA	9766	UCCACAGA CUGAUGAG GCCGUUAGGC CGAA IAGACCUG	28141
1030	10000	GUCUCUUC U GUGGAAGU	9767	ACUUCCAC CUGAUGAG GCCGUUAGGC CGAA IAAGAGAC	28142
1041	9989	GGAAGUAC A GAAGCAGC	9768	GCUGCUUC CUGAUGAG GCCGUUAGGC CGAA IUACUUCC	28143
1047	9983	ACAGAAGC A GCCACAUC	9769	GAUGUGGC CUGAUGAG GCCGUUAGGC CGAA ICUUCUGU	28144
1050	9980	GAAGCAGC C ACAUCUGG	9770	CCAGAUGU CUGAUGAG GCCGUUAGGC CGAA ICUGCUUC	28145
1051	9979	AAGCAGCC A CAUCUGGG	9771	CCCAGAUG CUGAUGAG GCCGUUAGGC CGAA IGCUGCUU	28146
1053	9977	GCAGCCAC A UCUGGGCA	9772	UGCCCAGA CUGAUGAG GCCGUUAGGC CGAA IUGGCUGC	28147
1056	9974	GCCACAUC U GGGCAUAA	9773	UUAUGCCC CUGAUGAG GCCGUUAGGC CGAA IAUGUGGC	28148
1061	9969	AUCUGGGC A UAAGACUU	9774	AAGUCUUA CUGAUGAG GCCGUUAGGC CGAA ICCCAGAU	28149
1068	9962	CAUAAGAC U UAGCCAGA	9775	UCUGGCUA CUGAUGAG GCCGUUAGGC CGAA IUCUUAUG	28150
1073	9957	GACUUAGC C AGACAAGC	9776	GCUUGUCU CUGAUGAG GCCGUUAGGC CGAA ICUAAGUC	28151
			9777		<del>  </del>
1074	9956	ACUUAGCC A GACAAGCA			28152
1078	9952	AGCCAGAC A AGCAGUGU	9778		28153
1082	9948	AGACAAGC A GUGUCGCG	9779	CGCGACAC CUGAUGAG GCCGUUAGGC CGAA ICUUGUCU	28154
1098	9932	GGACGUUC C AUCCGGCC	9780	GGCCGGAU CUGAUGAG GCCGUUAGGC CGAA IAACGUCC	28155
1099	9931	GACGUUCC A UCCGGCCC	9781	GGGCCGGA CUGAUGAG GCCGUUAGGC CGAA IGAACGUC	28156
1102	9928	GUUCCAUC C GGCCCCUG	9782	CAGGGCC CUGAUGAG GCCGUUAGGC CGAA IAUGGAAC	28157
1106	9924	CAUCCGGC C CCUGGAGA	9783	UCUCCAGG CUGAUGAG GCCGUUAGGC CGAA ICCGGAUG	28158
1107	9923	AUCCGGCC C CUGGAGAU	9784	AUCUCCAG CUGAUGAG GCCGUUAGGC CGAA IGCCGGAU	28159
1108	9922	UCCGGCCC C UGGAGAUA	9785	UAUCUCCA CUGAUGAG GCCGUUAGGC CGAA IGGCCGGA	28160
1109	9921	CCGCCCC U GGAGAUAU	9786	AUAUCUCC CUGAUGAG GCCGUUAGGC CGAA IGGGCCGG	28161
1124	9906	AUGCGAGC U CUGCCUAC	9787	GUAGGCAG CUGAUGAG GCCGUUAGGC CGAA ICUCGCAU	28162
1126	9904	GCGAGCUC U GCCUACCA	9788	UGGUAGGC CUGAUGAG GCCGUUAGGC CGAA IAGCUCGC	28163
1129	9901	AGCUCUGC C UACCAAUU	9789	AAUUGGUA CUGAUGAG GCCGUUAGGC CGAA ICAGAGCU	28164
1130	9900	GCUCUGCC U ACCAAUUC	9790	GAAUUGGU CUGAUGAG GCCGUUAGGC CGAA IGCAGAGC	28165
1133	9897	CUGCCUAC C AAUUCAUC	9791	GAUGAAUU CUGAUGAG GCCGUUAGGC CGAA IUAGGCAG	28166
1134	9896	UGCCUACC A AUUCAUCC	9792	GGAUGAAU CUGAUGAG GCCGUUAGGC CGAA IGUAGGCA	28167
1139	9891	ACCAAUUC A UCCUGUCC	9793	GGACAGGA CUGAUGAG GCCGUUAGGC CGAA IAAUUGGU	28168
1142	9888	AAUUCAUC C UGUCCUCG	9794	CGAGGACA CUGAUGAG GCCGUUAGGC CGAA IAUGAAUU	28169
1143	9887	AUUCAUCC U GUCCUCGG	9795	CCGAGGAC CUGAUGAG GCCGUUAGGC CGAA IGAUGAAU	28170
1147	9883	AUCCUGUC C UCGGCAUG	9796	CAUGCCGA CUGAUGAG GCCGUUAGGC CGAA IACAGGAU	28171
1148	9882	UCCUGUCC U CGGCAUGG	9797	CCAUGCCG CUGAUGAG GCCGUUAGGC CGAA IGACAGGA	28172
1153	9877	UCCUCGGC A UGGAACCA	9798	UGGUUCCA CUGAUGAG GCCGUUAGGC CGAA ICCGAGGA	28173
1160	9870	CAUGGAAC C ACCAGUGU	9799	ACACUGGU CUGAUGAG GCCGUUAGGC CGAA IUUCCAUG	28174
1161	9869	AUGGAACC A CCAGUGUU	9800	AACACUGG CUGAUGAG GCCGUUAGGC CGAA IGUUCCAU	28175
1163	9867	GGAACCAC C AGUGUUCU	9801	AGAACACU CUGAUGAG GCCGUUAGGC CGAA IUGGUUCC	28176
1164	9866	GAACCACC A GUGUUCUU	9802	AAGAACAC CUGAUGAG GCCGUUAGGC CGAA IGUGGUUC	28177
1171	9859	CAGUGUUC U UCCAUCUU	9803	AAGAUGGA CUGAUGAG GCCGUUAGGC CGAA IAACACUG	28178
1174	9856	UGUUCUUC C AUCUUUCA	9804	UGAAAGAU CUGAUGAG GCCGUUAGGC CGAA IAAGAACA	28179
1175	9855	GUUCUUCC A UCUUUCAU	9805	AUGAAAGA CUGAUGAG GCCGUUAGGC CGAA IGAAGAAC	28180
1178	9852	CUUCCAUC U UUCAUGAU	9806	AUCAUGAA CUGAUGAG GCCGUUAGGC CGAA IAUGGAAG	28181
1182	9848	CAUCUUUC A UGAUCAAU	9807	AUUGAUCA CUGAUGAG GCCGUUAGGC CGAA IAAAGAUG	28182
1188	9842	UCAUGAUC A AUUCAGUG	9808	CACUGAAU CUGAUGAG GCCGUUAGGC CGAA IAUCAUGA	28183
1193	9837	AUCAAUUC A GUGAAAUG	9809	CAUUUCAC CUGAUGAG GCCGUUAGGC CGAA IAAUUGAU	+
1210	9820	GUUUGAGC A AAAUGGAA		<u> </u>	28184
1220	9810	<del></del>	9810	UUCCAUUU CUGAUGAG GCCGUUAGGC CGAA ICUCAAAC	28185
1220	3010	AAUGGAAC C UGCUGCCA	9811	UGGCAGCA CUGAUGAG GCCGUUAGGC CGAA IUUCCAUU	28186

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1221	9809	AUGGAACC U GCUGCCAA	9812	UUGGCAGC CUGAUGAG GCCGUUAGGC CGAA IGUUCCAU	28187
1224	9806	GAACCUGC U GCCAAUCA	9813	UGAUUGGC CUGAUGAG GCCGUUAGGC CGAA ICAGGUUC	28188
1227	9803	CCUGCUGC C AAUCAUAC	9814	GUAUGAUU CUGAUGAG GCCGUUAGGC CGAA ICAGCAGG	28189
1228	9802	CUGCUGCC A AUCAUACC	9815	GGUAUGAU CUGAUGAG GCCGUUAGGC CGAA IGCAGCAG	28190
1232	9798	UGCCAAUC A UACCAUCC	9816	GGAUGGUA CUGAUGAG GCCGUUAGGC CGAA IAUUGGCA	28191
1236	9794	AAUCAUAC C AUCCAGUU	9817	AACUGGAU CUGAUGAG GCCGUUAGGC CGAA IUAUGAUU	28192
1237	9793	AUCAUACC A UCCAGUUG	9818	CAACUGGA CUGAUGAG GCCGUUAGGC CGAA IGUAUGAU	28193
1240	9790	AUACCAUC C AGUUGACG	9819	CGUCAACU CUGAUGAG GCCGUUAGGC CGAA IAUGGUAU	28194
1241	9789	UACCAUCC A GUUGACGG	9820	CCGUCAAC CUGAUGAG GCCGUUAGGC CGAA IGAUGGUA	28195
1254	9776	ACGGUUUC C ACUCUUGG	9821	CCAAGAGU CUGAUGAG GCCGUUAGGC CGAA IAAACCGU	28196
1255	9775	CGGUUUCC A CUCUUGGA	9822	UCCAAGAG CUGAUGAG GCCGUUAGGC CGAA IGAAACCG	28197
1257	9773	GUUUCCAC U CUUGGAUG	9823	CAUCCAAG CUGAUGAG GCCGUUAGGC CGAA IUGGAAAC	28198
1259	9771	UUCCACUC U UGGAUGUC	9824	GACAUCCA CUGAUGAG GCCGUUAGGC CGAA IAGUGGAA	28199
1268	9762	UGGAUGUC U UUGCGAAC	9825	GUUCGCAA CUGAUGAG GCCGUUAGGC CGAA IACAUCCA	28200
1277	9753	UUGCGAAC C UUUGACAU	9826	AUGUCAAA CUGAUGAG GCCGUUAGGC CGAA IUUCGCAA	28201
1278	9752	UGCGAACC U UUGACAUA	9827	UAUGUCAA CUGAUGAG GCCGUUAGGC CGAA IGUUCGCA	28202
1284	9746	CCUUUGAC A UAGCAUUG	9828	CAAUGCUA CUGAUGAG GCCGUUAGGC CGAA IUCAAAGG	28203
1289	9741	GACAUAGC A UUGAGGAA	9829	UUCCUCAA CUGAUGAG GCCGUUAGGC CGAA ICUAUGUC	28204
1313	9717	GAGGUGGC A AAGCGAUC	9830	GAUCGCUU CUGAUGAG GCCGUUAGGC CGAA ICCACCUC	28205
1325	9705	CGAUCGUC C AGGGGCUU	9831	AAGCCCCU CUGAUGAG GCCGUUAGGC CGAA IACGAUCG	28206
1326	9704	GAUCGUCC A GGGGCUUU	9832	AAAGCCCC CUGAUGAG GCCGUUAGGC CGAA IGACGAUC	28207
1332	9698	CCAGGGGC U UUACCACA	9833	UGUGGUAA CUGAUGAG GCCGUUAGGC CGAA ICCCCUGG	28208
1337	9693	GGCUUUAC C ACACAGUC	9834	GACUGUGU CUGAUGAG GCCGUUAGGC CGAA IUAAAGCC	28209
1338	9692	GCUUUACC A CACAGUCA	9835	UGACUGUG CUGAUGAG GCCGUUAGGC CGAA IGUAAAGC	28210
1340	9690	UUUACCAC A CAGUCAUC	9836	GAUGACUG CUGAUGAG GCCGUUAGGC CGAA IUGGUAAA	28211
1342	9688	UACCACAC A GUCAUCUC	9837	GAGAUGAC CUGAUGAG GCCGUUAGGC CGAA IUGUGGUA	28212
1346	9684	ACACAGUC A UCUCCACU	9838	AGUGGAGA CUGAUGAG GCCGUUAGGC CGAA IACUGUGU	28213
1349	9681	CAGUCAUC U CCACUGAC	9839	GUCAGUGG CUGAUGAG GCCGUUAGGC CGAA IAUGACUG	28214
1351	9679	GUCAUCUC C ACUGACAG	9840	CUGUCAGU CUGAUGAG GCCGUUAGGC CGAA IAGAUGAC	28215
1352	9678	UCAUCUCC A CUGACAGC	9841	GCUGUCAG CUGAUGAG GCCGUUAGGC CGAA IGAGAUGA	28216
1354	9676	AUCUCCAC U GACAGCCA	9842	UGGCUGUC CUGAUGAG GCCGUUAGGC CGAA IUGGAGAU	28217
1358	9672	CCACUGAC A GCCAUGCG	9843	CGCAUGGC CUGAUGAG GCCGUUAGGC CGAA IUCAGUGG	28218
1361	9669	CUGACAGC C AUGCGGCU	9844	AGCCGCAU CUGAUGAG GCCGUUAGGC CGAA ICUGUCAG	28219
1362	9668	UGACAGCC A UGCGGCUG	9845	CAGCCGCA CUGAUGAG GCCGUUAGGC CGAA IGCUGUCA	28220
1369	9661	CAUGCGGC U GAGUCUUU	9846	AAAGACUC CUGAUGAG GCCGUUAGGC CGAA ICCGCAUG	28221
1375	9655	GCUGAGUC U UUCUUCCC	9847	GGGAAGAA CUGAUGAG GCCGUUAGGC CGAA IACUCAGC	28222
1379	9651	AGUCUUUC U UCCCCAUU	9848	AAUGGGGA CUGAUGAG GCCGUUAGGC CGAA IAAAGACU	28223
1382	9648	CUUUCUUC C CCAUUCUC	9849	GAGAAUGG CUGAUGAG GCCGUUAGGC CGAA IAAGAAAG	28224
1383	9647	UUUCUUCC C CAUUCUCA	9850	UGAGAAUG CUGAUGAG GCCGUUAGGC CGAA IGAAGAAA	28225
1384	9646	UUCUUCCC C AUUCUCAA	9851	UUGAGAAU CUGAUGAG GCCGUUAGGC CGAA IGGAAGAA	28226
1385	9645	UCUUCCCC A UUCUCAAA	9852	UUUGAGAA CUGAUGAG GCCGUUAGGC CGAA IGGGAAGA	28227
1389	9641	CCCCAUUC U CAAACAGC	9853	GCUGUUUG CUGAUGAG GCCGUUAGGC CGAA IAAUGGGG	28228
1391	9639	CCAUUCUC A AACAGCCA	9854	UGGCUGUU CUGAUGAG GCCGUUAGGC CGAA IAGAAUGG	28229
1395	9635	UCUCAAAC A GCCAGGUC	9855	GACCUGGC CUGAUGAG GCCGUUAGGC CGAA IUUUGAGA	28230
1398	9632	CAAACAGC C AGGUCCUG	9856	CAGGACCU CUGAUGAG GCCGUUAGGC CGAA ICUGUUUG	28231
1399	9631	AAACAGCC A GGUCCUGA	9857	UCAGGACC CUGAUGAG GCCGUUAGGC CGAA IGCUGUUU	28232
1404	9626	GCCAGGUC C UGACUUUG	9858	CAAAGUCA CUGAUGAG GCCGUUAGGC CGAA IACCUGGC	28233
1405	9625	CCAGGUCC U GACUUUGG	9859	CCAAAGUC CUGAUGAG GCCGUUAGGC CGAA IGACCUGG	28234
1409	9621	GUCCUGAC U UUGGGUCC	9860	GGACCCAA CUGAUGAG GCCGUUAGGC CGAA IUCAGGAC	28235
1417	9613	UUUGGGUC C UUUCCCUU	9861	AAGGGAAA CUGAUGAG GCCGUUAGGC CGAA IACCCAAA	28236
1418	9612	UUGGGUCC U UUCCCUUU	9862	AAAGGGAA CUGAUGAG GCCGUUAGGC CGAA IGACCCAA	28237
1422	9608	GUCCUUUC C CUUUUGUG	9863	CACAAAAG CUGAUGAG GCCGUUAGGC CGAA IAAAGGAC	28238
1423	9607	UCCUUUCC C UUUUGUGA	9864	UCACAAAA CUGAUGAG GCCGUUAGGC CGAA IGAAAGGA	28239
1424	9606	CCUUUCCC U UUUGUGAG	9865	CUCACAAA CUGAUGAG GCCGUUAGGC CGAA IGGAAAGG	28240
1437	9593	UGAGUUUC U CCACAUCA	9866	UGAUGUGG CUGAUGAG GCCGUUAGGC CGAA IAAACUCA	28241
1439	9591	AGUUUCUC C ACAUCAUC	9867	GAUGAUGU CUGAUGAG GCCGUUAGGC CGAA IAGAAACU	28242
1440	9590	GUUUCUCC A CAUCAUCU	9868	AGAUGAUG CUGAUGAG GCCGUUAGGC CGAA IGAGAAAC	28243
1442	9588	UUCUCCAC A UCAUCUGG	9869	CCAGAUGA CUGAUGAG GCCGUUAGGC CGAA IUGGAGAA	28244
1445	9585	UCCACAUC A UCUGGGCC	9870	GGCCCAGA CUGAUGAG GCCGUUAGGC CGAA IAUGUGGA	28245
1448	9582	ACAUCAUC U GGGCCAAU	9871	AUUGGCCC CUGAUGAG GCCGUUAGGC CGAA IAUGAUGU	28246
1453	9577	AUCUGGGC C AAUCACUC	9872	GAGUGAUU CUGAUGAG GCCGUUAGGC CGAA ICCCAGAU	28247

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1454	0536	UCUGGGCC A AUCACUCC	9873	GGAGUGAU CUGAUGAG GCCGUUAGGC CGAA IGCCCAGA	28248
1454	9576		9874	GGAAGGAG CUGAUGAG GCCGUUAGGC CGAA IAUUGGCC	28249
1458	9572	GGCCAAUC A CUCCUUCC		GGGGAAGG CUGAUGAG GCCGUUAGGC CGAA IUGAUUGG	28250
1460	9570	CCAAUCAC U CCUUCCCC	9875		
1462	9568	AAUCACUC C UUCCCCUU	9876		28251
1463	9567	AUCACUCC U UCCCCUUC	9877		28252
1466	9564	ACUCCUUC C CCUUCCAU	9878	AUGGAAGG CUGAUGAG GCCGUUAGGC CGAA IAAGGAGU	28253
1467	9563	CUCCUUCC C CUUCCAUC	9879	GAUGGAAG CUGAUGAG GCCGUUAGGC CGAA IGAAGGAG	28254
1468	9562	UCCUUCCC C UUCCAUCA	9880	UGAUGGAA CUGAUGAG GCCGUUAGGC CGAA IGGAAGGA	28255
1469	9561	CCUUCCCC U UCCAUCAU	9881	AUGAUGGA CUGAUGAG GCCGUUAGGC CGAA IGGGAAGG	28256
1472	9558	UCCCCUUC C AUCAUCCU	9882	AGGAUGAU CUGAUGAG GCCGUUAGGC CGAA IAAGGGGA	28257
1473	9557	CCCCUUCC A UCAUCCUC	9883	GAGGAUGA CUGAUGAG GCCGUUAGGC CGAA IGAAGGGG	28258
1476	9554	CUUCCAUC A UCCUCACC	9884	GGUGAGGA CUGAUGAG GCCGUUAGGC CGAA IAUGGAAG	28259
1479	9551	CCAUCAUC C UCACCAGC	9885	GCUGGUGA CUGAUGAG GCCGUUAGGC CGAA IAUGAUGG	28260
1480	9550	CAUCAUCC U CACCAGCU	9886	AGCUGGUG CUGAUGAG GCCGUUAGGC CGAA IGAUGAUG	28261
1482	9548	UCAUCCUC A CCAGCUGG	9887	CCAGCUGG CUGAUGAG GCCGUUAGGC CGAA IAGGAUGA	28262
1484	9546	AUCCUCAC C AGCUGGAC	9888	GUCCAGCU CUGAUGAG GCCGUUAGGC CGAA IUGAGGAU	28263
1485	9545	UCCUCACC A GCUGGACG	9889	CGUCCAGC CUGAUGAG GCCGUUAGGC CGAA IGUGAGGA	28264
1488	9542	UCACCAGC U GGACGGCC	9890	GGCCGUCC CUGAUGAG GCCGUUAGGC CGAA ICUGGUGA	28265
1496	9534	UGGACGGC C AGGUUGGU	9891	ACCAACCU CUGAUGAG GCCGUUAGGC CGAA ICCGUCCA	28266
1497	9533	GGACGGCC A GGUUGGUG	9892	CACCAACC CUGAUGAG GCCGUUAGGC CGAA IGCCGUCC	28267
1529	9501	UAGGUGAC A ACUUGUCC	9893	GGACAAGU CUGAUGAG GCCGUUAGGC CGAA IUCACCUA	28268
1532	9498	GUGACAAC U UGUCCACU	9894	AGUGGACA CUGAUGAG GCCGUUAGGC CGAA IUUGUCAC	28269
1537	9493	AACUUGUC C ACUCCCCC	9895	GGGGGAGU CUGAUGAG GCCGUUAGGC CGAA IACAAGUU	28270
1538	9492	ACUUGUCC A CUCCCCCU	9896	AGGGGAG CUGAUGAG GCCGUUAGGC CGAA IGACAAGU	28271
1540	9490	UUGUCCAC U CCCCCUCU	9897	AGAGGGGG CUGAUGAG GCCGUUAGGC CGAA IUGGACAA	28272
				UCAGAGGG CUGAUGAG GCCGUUAGGC CGAA IAGUGGAC	28273
1542	9488	GUCCACUC C CCCUCUGA	9898	AUCAGAGG CUGAUGAG GCCGUUAGGC CGAA IGAGUGGA	28274
1543	9487	UCCACUCC C CCUCUGAU	9899	GAUCAGAG CUGAUGAG GCCGUUAGGC CGAA IGAGUGG	28275
1544	9486	CCACUCCC C CUCUGAUC	9900		
1545	9485	CACUCCCC C UCUGAUCU	9901	AGAUCAGA CUGAUGAG GCCGUUAGGC CGAA IGGGAGUG	28276
1546	9484	ACUCCCCC U CUGAUCUU	9902	AAGAUCAG CUGAUGAG GCCGUUAGGC CGAA IGGGGAGU	28277
1548	9482	UCCCCCUC U GAUCUUCU	9903	AGAAGAUC CUGAUGAG GCCGUUAGGC CGAA IAGGGGGA	28278
1553	9477	CUCUGAUC U UCUCUGGA	9904	UCCAGAGA CUGAUGAG GCCGUUAGGC CGAA IAUCAGAG	28279
1556	9474	UGAUCUUC U CUGGAGAU	9905	AUCUCCAG CUGAUGAG GCCGUUAGGC CGAA IAAGAUCA	28280
1558	9472	AUCUUCUC U GGAGAUAA	9906	UUAUCUCC CUGAUGAG GCCGUUAGGC CGAA IAGAAGAU	28281
1568	9462	GAGAUAAC A UCCAUGAC	9907	GUCAUGGA CUGAUGAG GCCGUUAGGC CGAA IUUAUCUC	28282
1571	9459	AUAACAUC C AUGACGGU	9908	ACCGUCAU CUGAUGAG GCCGUUAGGC CGAA IAUGUUAU	28283
1572	9458	UAACAUCC A UGACGGUU	9909	AACCGUCA CUGAUGAG GCCGUUAGGC CGAA IGAUGUUA	28284
1582	9448	GACGGUUC U UCCAUCAG	9910	CUGAUGGA CUGAUGAG GCCGUUAGGC CGAA IAACCGUC	28285
1585	9445	GGUUCUUC C AUCAGCAG	9911	CUGCUGAU CUGAUGAG GCCGUUAGGC CGAA IAAGAACC	28286
1586	9444	GUUCUUCC A UCAGCAGC	9912	GCUGCUGA CUGAUGAG GCCGUUAGGC CGAA IGAAGAAC	28287
1589	9441	CUUCCAUC A GCAGCCGG	9913	CCGGCUGC CUGAUGAG GCCGUUAGGC CGAA IAUGGAAG	28288
1592	9438	CCAUCAGC A GCCGGGCG	9914	CGCCCGGC CUGAUGAG GCCGUUAGGC CGAA ICUGAUGG	28289
1595	9435	UCAGCAGC C GGGCGCAU	9915	AUGCGCCC CUGAUGAG GCCGUUAGGC CGAA ICUGCUGA	28290
1602	9428	CCGGGCGC A UCACUUUC	9916	GAAAGUGA CUGAUGAG GCCGUUAGGC CGAA ICGCCCGG	28291
1605	9425	GGCGCAUC A CUUUCACA	9917	UGUGAAAG CUGAUGAG GCCGUUAGGC CGAA IAUGCGCC	28292
1607		CGCAUCAC U UUCACAAC	9918	GUUGUGAA CUGAUGAG GCCGUUAGGC CGAA IUGAUGCG	28293
1611	9419	UCACUUUC A CAACUUUG	9919	CAAAGUUG CUGAUGAG GCCGUUAGGC CGAA IAAAGUGA	28294
1613		ACUUUCAC A ACUUUGUG	9920	CACAAAGU CUGAUGAG GCCGUUAGGC CGAA IUGAAAGU	28295
1616	9414	UUCACAAC U UUGUGACG	9921	CGUCACAA CUGAUGAG GCCGUUAGGC CGAA IUUGUGAA	28296
1635	9395	AGGUGAGC U CAAUGAUG	9922	CAUCAUUG CUGAUGAG GCCGUUAGGC CGAA ICUCACCU	28297
1637		GUGAGCUC A AUGAUGGC	9923	GCCAUCAU CUGAUGAG GCCGUUAGGC CGAA IAGCUCAC	28298
1646		AUGAUGGC C CUGGCAAG	9924	CUUGCCAG CUGAUGAG GCCGUUAGGC CGAA ICCAUCAU	28299
1647		UGAUGGCC C UGGCAAGA	9925	UCUUGCCA CUGAUGAG GCCGUUAGGC CGAA IGCCAUCA	28300
1648		GAUGGCCC U GGCAAGAC	9926	GUCUUGCC CUGAUGAG GCCGUUAGGC CGAA IGGCCAUC	28301
1652	<del>                                     </del>	GCCCUGGC A AGACGCCG	9927	CGGCGUCU CUGAUGAG GCCGUUAGGC CGAA ICCAGGGC	28302
		CAAGACGC C GAUGUUCC	9928	GGAACAUC CUGAUGAG GCCGUUAGGC CGAA ICCAGGGC	28302
1659	9371	<del></del>	<del></del>	CUUGAUGG CUGAUGAG GCCGUUAGGC CGAA ICGUCUUG	+
1667		CAUGUUC C CCAUCAAG	9929		28304
1668	9362	GAUGUUCC C CAUCAAGC	9930	GCUUGAUG CUGAUGAG GCCGUUAGGC CGAA IGAACAUC	28305
1669		AUGUUCCC C AUCAAGCA	9931	UGCUUGAU CUGAUGAG GCCGUUAGGC CGAA IGGAACAU	28306
1670	9360	UGUUCCCC A UCAAGCAG	9932	CUGCUUGA CUGAUGAG GCCGUUAGGC CGAA IGGGAACA	28307
1673	9357	UCCCCAUC A AGCAGCUC	9933	GAGCUGCU CUGAUGAG GCCGUUAGGC CGAA IAUGGGGA	28308

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1677	9353	CAUCAAGC A GCUCAAGC	9934	GCUUGAGC CUGAUGAG GCCGUUAGGC CGAA ICUUGAUG	28309
1680	9350	CAAGCAGC U CAAGCACC	9935	GGUGCUUG CUGAUGAG GCCGUUAGGC CGAA ICUGCUUG	28310
1682	9348	AGCAGCUC A AGCACCUU	9936	AAGGUGCU CUGAUGAG GCCGUUAGGC CGAA IAGCUGCU	28311
1686	9344	GCUCAAGC A CCUUAGCU	9937	AGCUAAGG CUGAUGAG GCCGUUAGGC CGAA ICUUGAGC	28312
1688	9342	UCAAGCAC C UUAGCUUC	993B	GAAGCUAA CUGAUGAG GCCGUUAGGC CGAA IUGCUUGA	28313
1689	9341	CAAGCACC U UAGCUUCA	9939		28314
	9336	ACCUUAGC U UCAUUUUC	9940		28315
1694		UUAGCUUC A UUUUCCAA			28316
1697	9333		9941		28317
1703	9327	UCAUUUUC C AAGUCAGC	9942		
1704	9326	CAUUUUCC A AGUCAGCU	9943		28318
1709	9321	UCCAAGUC A GCUCUCGU	9944		28319
1712	9318	AAGUCAGC U CUCGUGAU	9945		28320
1714	9316	GUCAGCUC U CGUGAUGC	9946	GCAUCACG CUGAUGAG GCCGUUAGGC CGAA IAGCUGAC	28321
1730	9300	CGGGUGUC C CAGCCAGC	9947	GCUGGCUG CUGAUGAG GCCGUUAGGC CGAA IACACCCG	28322
1731	9299	GGGUGUCC C AGCCAGCU	9948	AGCUGGCU CUGAUGAG GCCGUUAGGC CGAA IGACACCC	28323
1732	9298	GGUGUCCC A GCCAGCUG	9949	CAGCUGGC CUGAUGAG GCCGUUAGGC CGAA IGGACACC	28324
1735	9295	GUCCCAGC C AGCUGUGU	9950	ACACAGCU CUGAUGAG GCCGUUAGGC CGAA ICUGGGAC	28325
1736	9294	UCCCAGCC A GCUGUGUC	9951	GACACAGC CUGAUGAG GCCGUUAGGC CGAA IGCUGGGA	28326
1739	9291	CAGCCAGC U GUGUCAUC	9952		28327
1745	9285	GCUGUGUC A UCAGCAUA	9953		28328
1748	9282	GUGUCAUC A GCAUAGAU	9954		28329
1751	9279	UCAUCAGC A UAGAUCUU	9955		28330
<u> </u>		CAUAGAUC U UGCCCCCA	9956		28331
1758	9272				
1762	9268	GAUCUUGC C CCCAGGCC	9957		28332
1763	9267	AUCUUGCC C CCAGGCCG	9958		28333
1764	9266	UCUUGCCC C CAGGCCGG	9959		28334
1765	9265	CUUGCCCC C AGGCCGGG	9960		28335
1766	9264	UUGCCCCC A GGCCGGGU	9961		28336
1770	9260	CCCCAGGC C GGGUGCCA	9962	UGGCACCC CUGAUGAG GCCGUUAGGC CGAA ICCUGGGG	28337
1777	9253	CCGGGUGC C AACUUCAC	9963	GUGAAGUU CUGAUGAG GCCGUUAGGC CGAA ICACCCGG	28338
1778	9252	CGGGUGCC A ACUUCACG	9964	CGUGAAGU CUGAUGAG GCCGUUAGGC CGAA IGCACCCG	28339
1781	9249	GUGCCAAC U UCACGCAG	9965	CUGCGUGA CUGAUGAG GCCGUUAGGC CGAA IUUGGCAC	28340
1784	9246	CCAACUUC A CGCAGGAU	9966	AUCCUGCG CUGAUGAG GCCGUUAGGC CGAA IAAGUUGG	28341
1788	9242	CUUCACGC A GGAUGUAA	9967	UUACAUCC CUGAUGAG GCCGUUAGGC CGAA ICGUGAAG	28342
1798	9232	GAUGUAAC C CAGUUUUU	9968		28343
1799	9231	AUGUAACC C AGUUUUUG	9969		28344
1800	9230	UGUAACCC A GUUUUUGG	9970		28345
		UUGGAGGC C CAAGCCCU	9971		28346
1813	9217				
1814	9216	UGGAGGCC C AAGCCCUC	9972		28347
1815	9215	GGAGGCCC A AGCCCUCG	9973		28348
1819	9211	GCCCAAGC C CUCGACAC	9974		28349
1820	9210	CCCAAGCC C UCGACACC	9975		28350
1821	9209	CCAAGCCC U CGACACCU	9976		28351
1826	9204	CCCUCGAC A CCUCCUCC	9977		28352
1828	9202	CUCGACAC C UCCUCCUG	9978	CAGGAGGA CUGAUGAG GCCGUUAGGC CGAA IUGUCGAG	28353
1829	9201	UCGACACC U CCUCCUGA	9979	UCAGGAGG CUGAUGAG GCCGUUAGGC CGAA IGUGUCGA	28354
1831	9199	GACACCUC C UCCUGAGU	9980	ACUCAGGA CUGAUGAG GCCGUUAGGC CGAA IAGGUGUC	28355
1832	9198	ACACCUCC U CCUGAGUU	9981	AACUCAGG CUGAUGAG GCCGUUAGGC CGAA IGAGGUGU	28356
1834	9196	ACCUCCUC C UGAGUUCU	9982		28357
1835	9195	CCUCCUCC U GAGUUCUU	9983		28358
1842	9188	CUGAGUUC U UUCUUCCA	9984		28359
1846	9184	GUUCUUUC U UCCAAGCC	9985	<u></u>	28360
1849	9181	CUUUCUUC C AAGCCAGU	9986		28361
	<del> </del>	UUUCUUCC A AGCCAGUG			28362
1850	9180	ļ	9987		
1854	9176	UUCCAAGC C AGUGGUCU	9988		28363
1855	9175	UCCAAGCC A GUGGUCUU	9989		28364
1862	9168	CAGUGGUC U UCAUUGAG	9990	CUCAAUGA CUGAUGAG GCCGUUAGGC CGAA IACCACUG	28365
1865	9165	UGGUCUUC A UUGAGAAA	9991		28366
1876	9154	GAGAAAAC C CAGAGCCU	9992		28367
1877	9153	AGAAAACC C AGAGCCUC	9993	GAGGCUCU CUGAUGAG GCCGUUAGGC CGAA IGUUUUCU	28368
1878	9152	GAAAACCC A GAGCCUCG	9994		28369
		·	<u> </u>	<u> </u>	

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1883	9147	CCCAGAGC C UCGAACUC	9995	GAGUUCGA CUGAUGAG GCCGUUAGGC CGAA ICUCUGGG	28370
1884	9146	CCAGAGCC U CGAACUCC	9996	GGAGUUCG CUGAUGAG GCCGUUAGGC CGAA IGCUCUGG	28371
1890	9140	CCUCGAAC U CCAGAAAG	9997	CUUUCUGG CUGAUGAG GCCGUUAGGC CGAA IUUCGAGG	28372
1892	9138	UCGAACUC C AGAAAGCG	9998	CGCUUUCU CUGAUGAG GCCGUUAGGC CGAA IAGUUCGA	28373
1893	9137	CGAACUCC A GAAAGCGA	9999	UCGCUUUC CUGAUGAG GCCGUUAGGC CGAA IGAGUUCG	28374
1904	9126	AAGCGAGC U CCGAGCCA	10000	UGGCUCGG CUGAUGAG GCCGUUAGGC CGAA ICUCGCUU	28375
1906	9124	GCGAGCUC C GAGCCACA	10001	UGUGGCUC CUGAUGAG GCCGUUAGGC CGAA IAGCUCGC	28376
1911	9119	CUCCGAGC C ACAUGAAC	10002	GUUCAUGU CUGAUGAG GCCGUUAGGC CGAA ICUCGGAG	28377
1912	9118	UCCGAGCC A CAUGAACC	10003	GGUUCAUG CUGAUGAG GCCGUUAGGC CGAA IGCUCGGA	28378
		CGAGCCAC A UGAACCAA			
1914	9116		10004	UUGGUUCA CUGAUGAG GCCGUUAGGC CGAA IUGGCUCG	28379
1920	9110	ACAUGAAC C AAAUGGCU	10005	AGCCAUUU CUGAUGAG GCCGUUAGGC CGAA IUUCAUGU	28380
1921	9109	CAUGAACC A AAUGGCUC	10006	GAGCCAUU CUGAUGAG GCCGUUAGGC CGAA IGUUCAUG	28381
1928	9102	CAAAUGGC U CUGCUUCC	10007	GGAAGCAG CUGAUGAG GCCGUUAGGC CGAA ICCAUUUG	28382
1930	9100	AAUGGCUC U GCUUCCCU	10008	AGGGAAGC CUGAUGAG GCCGUUAGGC CGAA IAGCCAUU	28383
1933	9097	GGCUCUGC U UCCCUUGG	10009	CCAAGGGA CUGAUGAG GCCGUUAGGC CGAA ICAGAGCC	28384
1936	9094	UCUGCUUC C CUUGGCCU	10010	AGGCCAAG CUGAUGAG GCCGUUAGGC CGAA IAAGCAGA	28385
1937	9093	CUGCUUCC C UUGGCCUU	10011	AAGGCCAA CUGAUGAG GCCGUUAGGC CGAA IGAAGCAG	28386
1938	9092	UGCUUCCC U UGGCCUUU	10012	AAAGGCCA CUGAUGAG GCCGUUAGGC CGAA IGGAAGCA	28387
1943	9087	CCCUUGGC C UUUCCGAA	10013	UUCGGAAA CUGAUGAG GCCGUUAGGC CGAA ICCAAGGG	28388
1944	9086	CCUUGGCC U UUCCGAAC	10014	GUUCGGAA CUGAUGAG GCCGUUAGGC CGAA IGCCAAGG	28389
1948	9082	GGCCUUUC C GAACUCUC	10015	GAGAGUUC CUGAUGAG GCCGUUAGGC CGAA IAAAGGCC	28390
1953	9077	UUCCGAAC U CUCCGGGU	10015	ACCCGGAG CUGAUGAG GCCGUUAGGC CGAA IUUCGGAA	28390
1955	9075	CCGAACUC U CCGGGUUU	10017	AAACCCGG CUGAUGAG GCCGUUAGGC CGAA IAGUUCGG	28392
1957	9073	GAACUCUC C GGGUUUUU	10018	AAAAACCC CUGAUGAG GCCGUUAGGC CGAA IAGAGUUC	28393
1968	9062	GUUUUUUC U CUCUCUUU	10019	AAAGAGAG CUGAUGAG GCCGUUAGGC CGAA IAAAAAAC	28394
1970	9060	nnnncac n cacanacc	10020	GGAAAGAG CUGAUGAG GCCGUUAGGC CGAA IAGAAAAA	28395
1972	9058	UUUCUCUC U CUUUCCCA	10021	UGGGAAAG CUGAUGAG GCCGUUAGGC CGAA IAGAGAAA	28396
1974	9056	UCUCUCUC U UUCCCAUC	10022	GAUGGGAA CUGAUGAG GCCGUUAGGC CGAA IAGAGAGA	28397
1978	9052	UCUCUUUC C CAUCAUGU	10023	ACAUGAUG CUGAUGAG GCCGUUAGGC CGAA IAAAGAGA	28398
1979	9051	CUCUTUCC C AUCAUGUU	10024	AACAUGAU CUGAUGAG GCCGUUAGGC CGAA IGAAAGAG	28399
1980	9050	UCUUUCCC A UCAUGUUG	10025	CAACAUGA CUGAUGAG GCCGUUAGGC CGAA IGGAAAGA	28400
1983	9047	UUCCCAUC A UGUUGUAA	10026	UUACAACA CUGAUGAG GCCGUUAGGC CGAA IAUGGGAA	28401
1996	9034	GUAAAUGC A AGUGUGAC	10027	GUCACACU CUGAUGAG GCCGUUAGGC CGAA ICAUUUAC	28402
2005	9025	AGUGUGAC A UUCCCCCC	10028	GGGGGGAA CUGAUGAG GCCGUUAGGC CGAA IUCACACU	28403
2009	9021	UGACAUUC C CCCCGCAG	10029	CUGCGGGG CUGAUGAG GCCGUUAGGC CGAA IAAUGUCA	28404
2010	9020	GACAUUCC C CCCGCAGA	10030	UCUGCGGG CUGAUGAG GCCGUUAGGC CGAA IGAAUGUC	
				AUCUGCGG CUGAUGAG GCCGUUAGGC CGAA IGAAUGU	28405
2011	9019	ACAUUCCC C CCGCAGAU	10031		28406
2012	9018	CAUUCCCC C CGCAGAUG	10032	CAUCUGCG CUGAUGAG GCCGUUAGGC CGAA IGGGAAUG	28407
2013	9017	AUUCCCCC C GCAGAUGU	10033	ACAUCUGC CUGAUGAG GCCGUUAGGC CGAA IGGGGAAU	28408
2016	9014	CCCCCGC A GAUGUGCC	10034	GGCACAUC CUGAUGAG GCCGUUAGGC CGAA ICGGGGGG	28409
2024	9006	AGAUGUGC C UCGCGCUC	10035	GAGCGCGA CUGAUGAG GCCGUUAGGC CGAA ICACAUCU	28410
2025	9005	GAUGUGCC U CGCGCUCC	10036	GGAGCGCG CUGAUGAG GCCGUUAGGC CGAA IGCACAUC	28411
2031	8999	CCUCGCGC U CCUCAUCC	10037	GGAUGAGG CUGAUGAG GCCGUUAGGC CGAA ICGCGAGG	28412
2033	8997	UCGCGCUC C UCAUCCAC	10038	GUGGAUGA CUGAUGAG GCCGUUAGGC CGAA IAGCGCGA	28413
2034	8996	CGCGCUCC U CAUCCACC	10039	GGUGGAUG CUGAUGAG GCCGUUAGGC CGAA IGAGCGCG	28414
2036	8994	CGCUCCUC A UCCACCAU	10040	AUGGUGGA CUGAUGAG GCCGUUAGGC CGAA IAGGAGCG	28415
2039	8991	UCCUCAUC C ACCAUCUC	10041	GAGAUGGU CUGAUGAG GCCGUUAGGC CGAA IAUGAGGA	28416
2040	8990	CCUCAUCC A CCAUCUCC	10042	GGAGAUGG CUGAUGAG GCCGUUAGGC CGAA IGAUGAGG	28417
2042	8988	UCAUCCAC C AUCUCCCA	10043	UGGGAGAU CUGAUGAG GCCGUUAGGC CGAA IUGGAUGA	28418
2043	8987	CAUCCACC A UCUCCCAA	10044	UUGGGAGA CUGAUGAG GCCGUUAGGC CGAA IGUGGAUG	28419
2046	8984	CCACCAUC U CCCAAAAU	10044	AUUUUGGG CUGAUGAG GCCGUUAGGC CGAA IAUGGUGG	
2048	8982	ACCAUCUC C CAAAAUUU	<del></del>	AAAUUUUG CUGAUGAG GCCGUUAGGC CGAA IAGAUGGU AAAUUUUG CUGAUGAG GCCGUUAGGC CGAA IAGAUGGU	28420
			10046		28421
2049	8981	CCAUCUCC C AAAAUUUU	10047	AAAAUUUU CUGAUGAG GCCGUUAGGC CGAA IGAGAUGG	28422
2050	8980	CAUCUCCC A AAAUUUUG	10048	CAAAAUUU CUGAUGAG GCCGUUAGGC CGAA IGGAGAUG	28423
2063	8967	UUUGGAUC U UCAACUGC	10049	GCAGUUGA CUGAUGAG GCCGUUAGGC CGAA IAUCCAAA	28424
2066	8964	GGAUCUUC A ACUGCUUC	10050	GAAGCAGU CUGAUGAG GCCGUUAGGC CGAA IAAGAUCC	28425
2069	8961	UCUUCAAC U GCUUCUCU	10051	AGAGAAGC CUGAUGAG GCCGUUAGGC CGAA IUUGAAGA	28426
2072	8958	UCAACUGC U UCUCUGGC	10052	GCCAGAGA CUGAUGAG GCCGUUAGGC CGAA ICAGUUGA	28427
2075	8955	ACUGCUUC U CUGGCGCU	10053	AGCGCCAG CUGAUGAG GCCGUUAGGC CGAA IAAGCAGU	28428
2077	8953	UGCUUCUC U GGCGCUCC	10054	GGAGCGCC CUGAUGAG GCCGUUAGGC CGAA IAGAAGCA	28429
2083	8947	UCUGGCGC U CCUCCAUU	10055	AAUGGAGG CUGAUGAG GCCGUUAGGC CGAA ICGCCAGA	28430
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2085	8945	UGGCGCUC C UCCAUUGA	10056	UCAAUGGA CUGAUGAG GCCGUUAGGC CGAA IAGCGCCA	28431
2086	8944	GGCGCUCC U CCAUUGAU	10057	AUCAAUGG CUGAUGAG GCCGUUAGGC CGAA IGAGCGCC	28432
2088	8942	CGCUCCUC C AUUGAUUC	10058	GAAUCAAU CUGAUGAG GCCGUUAGGC CGAA IAGGAGCG	28433
2089	8941	GCUCCUCC A UUGAUUCU	10059	AGAAUCAA CUGAUGAG GCCGUUAGGC CGAA IGAGGAGC	28434
2097	8933	AUUGAUUC U GCUCUUCA	10060	UGAAGAGC CUGAUGAG GCCGUUAGGC CGAA IAAUCAAU	28435
2100	8930	GAUUCUGC U CUUCAAAC	10061	GUUUGAAG CUGAUGAG GCCGUUAGGC CGAA ICAGAAUC	28436
2102	8928	UUCUGCUC U UCAAACAU	10062	AUGUUUGA CUGAUGAG GCCGUUAGGC CGAA IAGCAGAA	28437
2105	8925	UGCUCUUC A AACAUGGC	10063	GCCAUGUU CUGAUGAG GCCGUUAGGC CGAA IAAGAGCA	28438
2109	8921	CUUCAAAC A UGGCACCC	10064	GGGUGCCA CUGAUGAG GCCGUUAGGC CGAA IUUUGAAG	28439
-	<del></del>		10065		
2114	8916	AACAUGGC A CCCAAAGC		GCUUUGGG CUGAUGAG GCCGUUAGGC CGAA ICCAUGUU	28440
2116	8914	CAUGGCAC C CAAAGCUG	10066	CAGCUUUG CUGAUGAG GCCGUUAGGC CGAA IUGCCAUG	28441
2117	8913	AUGGCACC C AAAGCUGC	10067	GCAGCUUU CUGAUGAG GCCGUUAGGC CGAA IGUGCCAU	28442
2118	8912	UGGCACCC A AAGCUGCA	10068	UGCAGCUU CUGAUGAG GCCGUUAGGC CGAA IGGUGCCA	28443
2123	8907	CCCAAAGC U GCAUUGCU	10069	AGCAAUGC CUGAUGAG GCCGUUAGGC CGAA ICUUUGGG	28444
2126	8904	AAAGCUGC A UUGCUGUU	10070	AACAGCAA CUGAUGAG GCCGUUAGGC CGAA ICAGCUUU	28445
2131	8899	UGCAUUGC U GUUGACCU	10071	AGGUCAAC CUGAUGAG GCCGUUAGGC CGAA ICAAUGCA	28446
2138	8892	CUGUUGAC C UUUCUUAU	10072	AUAAGAAA CUGAUGAG GCCGUUAGGC CGAA IUCAACAG	28447
2139	8891	UGUUGACC U UUCUUAUG	10073	CAUAAGAA CUGAUGAG GCCGUUAGGC CGAA IGUCAACA	28448
2143	8887	GACCUUUC U UAUGAAUU	10074	AAUUCAUA CUGAUGAG GCCGUUAGGC CGAA IAAAGGUC	28449
2153	8877	AUGAAUUC C UCUCGAGA	10075	UCUCGAGA CUGAUGAG GCCGUUAGGC CGAA IAAUUCAU	28450
2154	8876	UGAAUUCC U CUCGAGAG	10076	CUCUCGAG CUGAUGAG GCCGUUAGGC CGAA IGAAUUCA	28451
2156	8874	AAUUCCUC U CGAGAGCA	10077	UGCUCUCG CUGAUGAG GCCGUUAGGC CGAA IAGGAAUU	28452
2164	8866	UCGAGAGC A CAUUCUGG	10078	CCAGAAUG CUGAUGAG GCCGUUAGGC CGAA ICUCUCGA	28453
2166	8864	GAGAGCAC A UUCUGGGA	10079	UCCCAGAA CUGAUGAG GCCGUUAGGC CGAA IUGCUCUC	28454
2170	8860	GCACAUUC U GGGACGUU	10080	AACGUCCC CUGAUGAG GCCGUUAGGC CGAA IAAUGUGC	28455
2183	8847	CGUUUUUC U CUGGCCAA	10081	UUGGCCAG CUGAUGAG GCCGUUAGGC CGAA IAAAAACG	28456
2185	8845	UUUUUCUC U GGCCAAAA	10082	UUUUGGCC CUGAUGAG GCCGUUAGGC CGAA IAGAAAAA	28457
2189	8841	UCUCUGGC C AAAAACGC	10083	GCGUUUUU CUGAUGAG GCCGUUAGGC CGAA ICCAGAGA	28458
2190	8840	CUCUGGCC A AAAACGCC	10084	GGCGUUUU CUGAUGAG GCCGUUAGGC CGAA IGCCAGAG	28459
2198	8832	AAAAACGC C CACAACCA	10085	UGGUUGUG CUGAUGAG GCCGUUAGGC CGAA ICGUUUUU	28460
2199	8831	AAAACGCC C ACAACCAG	10086	CUGGUUGU CUGAUGAG GCCGUUAGGC CGAA IGCGUUUU	
2200	8830	AAACGCCC A CAACCAGU	10087	ACUGGUUG CUGAUGAG GCCGUUAGGC CGAA IGCGUUU	28461
2202	8828	ACGCCCAC A ACCAGUUG	10087		28462
					28463
2205	8825	CCCACAAC C AGUUGGUG	10089	CACCAACU CUGAUGAG GCCGUUAGGC CGAA IUUGUGGG	28464
2206	8824	CCACAACC A GUUGGUGG	10090	CCACCAAC CUGAUGAG GCCGUUAGGC CGAA IGUUGUGG	28465
2217	8813	UGGUGGUC U CAUUGAGC	10091	GCUCAAUG CUGAUGAG GCCGUUAGGC CGAA IACCACCA	28466
2219	8811	GUGGUCUC A UUGAGCAC	10092	GUGCUCAA CUGAUGAG GCCGUUAGGC CGAA IAGACCAC	28467
2226	8804	CAUUGAGC A CGUACUUC	10093	GAAGUACG CUGAUGAG GCCGUUAGGC CGAA ICUCAAUG	28468
2232	8798	GCACGUAC U UCACUCCU	10094	AGGAGUGA CUGAUGAG GCCGUUAGGC CGAA IUACGUGC	28469
2235	8795	CGUACUUC A CUCCUUCU	10095	AGAAGGAG CUGAUGAG GCCGUUAGGC CGAA IAAGUACG	28470
2237	8793	UACUUCAC U CCUUCUGG	10096	CCAGAAGG CUGAUGAG GCCGUUAGGC CGAA IUGAAGUA	28471
2239	8791	CUUCACUC C UUCUGGCG	10097	CGCCAGAA CUGAUGAG GCCGUUAGGC CGAA IAGUGAAG	28472
2240	8790	UUCACUCC U UCUGGCGG	10098	CCGCCAGA CUGAUGAG GCCGUUAGGC CGAA IGAGUGAA	28473
2243	8787	ACUCCUUC U GGCGGUUC	10099	GAACCGCC CUGAUGAG GCCGUUAGGC CGAA IAAGGAGU	28474
2252	8778	GGCGGUUC A GGAGCUUU	10100	AAAGCUCC CUGAUGAG GCCGUUAGGC CGAA IAACCGCC	28475
2258	8772	UCAGGAGC U UUCGUGUC	10101	GACACGAA CUGAUGAG GCCGUUAGGC CGAA ICUCCUGA	28476
2267	8763	UUCGUGUC C ACCUUCUC	10102	GAGAAGGU CUGAUGAG GCCGUUAGGC CGAA IACACGAA	28477
2268	8762	UCGUGUCC A CCUUCUCU	10103	AGAGAAGG CUGAUGAG GCCGUUAGGC CGAA IGACACGA	28478
2270	8760	GUGUCCAC C UUCUCUUU	10104	AAAGAGAA CUGAUGAG GCCGUUAGGC CGAA IUGGACAC	28479
2271	8759	UGUCCACC U UCUCUUUG	10105	CAAAGAGA CUGAUGAG GCCGUUAGGC CGAA IGUGGACA	28480
2274	8756	CCACCUUC U CUUUGAAC	10106	GUUCAAAG CUGAUGAG GCCGUUAGGC CGAA IAAGGUGG	28481
2276	8754	ACCUUCUC U UUGAACAC	10107	GUGUUCAA CUGAUGAG GCCGUUAGGC CGAA IAGAAGGU	28482
2283	8747	CUUUGAAC A CUCGCUGC	10108	GCAGCGAG CUGAUGAG GCCGUUAGGC CGAA IUUCAAAG	28483
2285	8745	UUGAACAC U CGCUGCUG	10109	CAGCAGCG CUGAUGAG GCCGUUAGGC CGAA IUGUUCAA	28484
2289	8741	ACACUCGC U GCUGCCCG	10110	CGGGCAGC CUGAUGAG GCCGUUAGGC CGAA ICGAGUGU	28485
2292	8738	CUCGCUGC U GCCCGAAG	10111	CUUCGGGC CUGAUGAG GCCGUUAGGC CGAA ICAGCGAG	28486
2295	8735	GCUGCUGC C CGAAGGGA	10112	UCCCUUCG CUGAUGAG GCCGUUAGGC CGAA ICAGCAGC	28487
2296	8734	CUGCUGCC C GAAGGGAG	10113	CUCCCUUC CUGAUGAG GCCGUUAGGC CGAA IGCAGCAG	
2312	8718	GUAGUGUC A GUCAUGGC	10113		28488
2312	8714	UGUCAGUC A UGGCCAUG		GCCAUGAC CUGAUGAG GCCGUUAGGC CGAA IACACUAC	28489
			10115	CAUGGCCA CUGAUGAG GCCGUUAGGC CGAA IACUGACA	28490
2321	8709	GUCAUGGC C AUGGUGGU	10116	ACCACCAU CUGAUGAG GCCGUUAGGC CGAA ICCAUGAC	28491

2322	8708	UCAUGGCC A UGGUGGUA	10117	UACCACCA CUGAUGAG GCCGUUAGGC CGAA IGCCAUGA	28492
2333	8697	GUGGUAAC A UUCGUGAU	10118	AUCACGAA CUGAUGAG GCCGUUAGGC CGAA IUUACCAC	28493
		AUGGUGUC C CAUGGUUU	10119	AAACCAUG CUGAUGAG GCCGUUAGGC CGAA IACACCAU	28494
2348	8682	UGGUGUCC C AUGGUUUU	10120	AAAACCAU CUGAUGAG GCCGUUAGGC CGAA IGACACCA	28495
2349	8681	GGUGUCCC A UGGUUUUG	10121	CAAAACCA CUGAUGAG GCCGUUAGGC CGAA IGGACACC	28496
2350	8680				
2367	8663	AGAGGAGC C UGACCACU	10122	AGUGGUCA CUGAUGAG GCCGUUAGGC CGAA ICUCCUCU	28497
2368	8662	GAGGAGCC U GACCACUC	10123	GAGUGGUC CUGAUGAG GCCGUUAGGC CGAA IGCUCCUC	28498
2372	8658	AGCCUGAC C ACUCCAUU	10124	AAUGGAGU CUGAUGAG GCCGUUAGGC CGAA IUCAGGCU	28499
2373	8657	GCCUGACC A CUCCAUUG	10125	CAAUGGAG CUGAUGAG GCCGUUAGGC CGAA IGUCAGGC	28500
2375	8655	CUGACCAC U CCAUUGAC	10126	GUCAAUGG CUGAUGAG GCCGUUAGGC CGAA IUGGUCAG	28501
2377	8653	GACCACUC C AUUGACCA	10127	UGGUCAAU CUGAUGAG GCCGUUAGGC CGAA IAGUGGUC	28502
2378	8652	ACCACUCC A UUGACCAG	10128	CUGGUCAA CUGAUGAG GCCGUUAGGC CGAA IGAGUGGU	28503
2384	8646	CCAUUGAC C AGCGAACU	10129	AGUUCGCU CUGAUGAG GCCGUUAGGC CGAA IUCAAUGG	28504
2385	8645	CAUUGACC A GCGAACUG	10130	CAGUUCGC CUGAUGAG GCCGUUAGGC CGAA IGUCAAUG	28505
2392	8638	CAGCGAAC U GGCGGAGC	10131	GCUCCGCC CUGAUGAG GCCGUUAGGC CGAA IUUCGCUG	28506
2401	8629	GGCGGAGC C UGUGGGCU	10132	AGCCCACA CUGAUGAG GCCGUUAGGC CGAA ICUCCGCC	28507
2402	8628	GCGGAGCC U GUGGGCUU	10133	AAGCCCAC CUGAUGAG GCCGUUAGGC CGAA IGCUCCGC	28508
2409	8621	CUGUGGGC U UCACAUCA	10134	UGAUGUGA CUGAUGAG GCCGUUAGGC CGAA ICCCACAG	28509
2412	8618	UGGGCUUC A CAUCAUAA	10135	UUAUGAUG CUGAUGAG GCCGUUAGGC CGAA IAAGCCCA	28510
2414	8616	GGCUUCAC A UCAUAACU	10136	AGUUAUGA CUGAUGAG GCCGUUAGGC CGAA IUGAAGCC	28511
2417	8613	UUCACAUC A UAACUGCC	10137	GGCAGUUA CUGAUGAG GCCGUUAGGC CGAA IAUGUGAA	28512
2422	8608	AUCAUAAC U GCCGUGAU	10138	AUCACGGC CUGAUGAG GCCGUUAGGC CGAA IUUAUGAU	28513
2425	8605	AUAACUGC C GUGAUAGU	10139	ACUAUCAC CUGAUGAG GCCGUUAGGC CGAA ICAGUUAU	28514
2436	8594	GAUAGUUC C AGGUUCUA	10140	UAGAACCU CUGAUGAG GCCGUUAGGC CGAA IAACUAUC	28515
2437	8593	AUAGUUCC A GGUUCUAU	10141	AUAGAACC CUGAUGAG GCCGUUAGGC CGAA IGAACUAU	28516
2443	8587	CCAGGUUC U AUAUGGGU	10142	ACCCAUAU CUGAUGAG GCCGUUAGGC CGAA IAACCUGG	28517
2457	8573	GGUGGUUC U CAUCGUGG	10143	CCACGAUG CUGAUGAG GCCGUUAGGC CGAA IAACCACC	28518
2459	8571	UGGUUCUC A UCGUGGUG	10144	CACCACGA CUGAUGAG GCCGUUAGGC CGAA IAGAACCA	28519
2469	8561	CGUGGUGC C ACGUCGAA	10145	UUCGACGU CUGAUGAG GCCGUUAGGC CGAA ICACCACG	28520
2470	8560	GUGGUGCC A CGUCGAAC	10146	GUUCGACG CUGAUGAG GCCGUUAGGC CGAA IGCACCAC	28521
2479	8551	CGUCGAAC U GUACUCAC	10147	GUGAGUAC CUGAUGAG GCCGUUAGGC CGAA IUUCGACG	28522
2484	8546	AACUGUAC U CACGCCUG	10148	CAGGCGUG CUGAUGAG GCCGUUAGGC CGAA IUACAGUU	28523
2486	8544	CUGUACUC A CGCCUGAG	10149	CUCAGGCG CUGAUGAG GCCGUUAGGC CGAA IAGUACAG	28524
2490	8540	ACUCACGC C UGAGUCGU	10150	ACGACUCA CUGAUGAG GCCGUUAGGC CGAA ICGUGAGU	28525
2491	8539	CUCACGCC U GAGUCGUU	10151	AACGACUC CUGAUGAG GCCGUUAGGC CGAA IGCGUGAG	28526
2501	8529	AGUCGUUC A AUCCUGUU	10151	AACAGGAU CUGAUGAG GCCGUUAGGC CGAA IAACGACU	
					28527
2505	8525	GUUCAAUC C UGUUCUUG	10153	CAAGAACA CUGAUGAG GCCGUUAGGC CGAA IAUUGAAC	28528
2506	8524	UUCAAUCC U GUUCUUGA	10154	UCAAGAAC CUGAUGAG GCCGUUAGGC CGAA IGAUUGAA	28529
2511	8519	UCCUGUUC U UGAUUUUA	10155	UAAAAUCA CUGAUGAG GCCGUUAGGC CGAA IAACAGGA	28530
2521	8509	GAUUUUAC U GGUGUCUG	10156	CAGACACC CUGAUGAG GCCGUUAGGC CGAA IUAAAAUC	28531
2528	8502	CUGGUGUC U GAGUUGAG	10157	CUCAACUC CUGAUGAG GCCGUUAGGC CGAA IACACCAG	28532
2538	8492	AGUUGAGC A GGGGUUUU	10158	AAAACCCC CUGAUGAG GCCGUUAGGC CGAA ICUCAACU	28533
2548	8482	GGGUUUUC C CACCGCCC			28534
2549	8481	GGUUUUCC C ACCGCCCU			28535
2550	8480	GUUUUCCC A CCGCCCUG			28536
2552	8478	UUUCCCAC C GCCCUGGU		<u></u>	28537
2555	8475	CCCACCGC C CUGGUUCC			28538
2556	8474	CCACCGCC C UGGUUCCA	10164		28539
2557	8473	CACCGCCC U GGUUCCAC	10165	GUGGAACC CUGAUGAG GCCGUUAGGC CGAA IGGCGGUG	28540
2563	8467	CCUGGUUC C ACUUCCCA	10166	UGGGAAGU CUGAUGAG GCCGUUAGGC CGAA IAACCAGG	28541
2564	8466	CUGGUUCC A CUUCCCAA	10167	UUGGGAAG CUGAUGAG GCCGUUAGGC CGAA IGAACCAG	28542
2566	8464	GGUUCCAC U UCCCAAGU	10168	ACUUGGGA CUGAUGAG GCCGUUAGGC CGAA IUGGAACC	28543
2569	8461	UCCACUUC C CAAGUUUA	10169	UAAACUUG CUGAUGAG GCCGUUAGGC CGAA IAAGUGGA	28544
. 2570	8460	CCACUUCC C AAGUUUAC	10170	GUAAACUU CUGAUGAG GCCGUUAGGC CGAA IGAAGUGG	28545
2571	8459	CACUUCCC A AGUUUACA	10171	UGUAAACU CUGAUGAG GCCGUUAGGC CGAA IGGAAGUG	28546
2579	8451	AAGUUUAC A UCUUCCUC			28547
2582	8448	UUUACAUC U UCCUCGUA	10173	<del></del>	28548
2585	8445	ACAUCUUC C UCGUAUUG			28549
2586	8444	CAUCUUCC U CGUAUUGG			28550
2599	8431	UUGGGGUC C CUUCCAGG	10176		28551
2600	8430	UGGGGUCC C UUCCAGGU	10177		28552
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2605   8425   UICCCUUCC   A GGUCCUU   10180   AAGGACCU CUGAUGAG   GCCGUUAGGC   CGAA IAAGGGAC   28554   2611   8429   UICCAGGUC   UUUUUUCC   10181   GGAAAAAA CUGAUGAG   GCCGUUAGGC   CGAA IACCUGGA   28555   2611   8419   COAGGUC   UUUUUUCC   10181   GGAAAAAA CUGAUGAG   GCCGUUAGGC   CGAA IACCUGGA   28556   2611   8419   COAGGUC   UUUUUUCC   10181   GGAAAAAA CUGAUGAG   GCCGUUAGGC   CGAA IACCUGGA   28556   2618   8411   UUUUUUCC   A UUCUUCCU   10183   GGAAGAAU CUGAUGAG   GCCGUUAGGC   CGAA IACCUGGA   28556   2619   8411   UUUUUUCC   A UUCUUCCU   10183   GGAAGAAU CUGAUGAG   GCCGUUAGGC   CGAA IAAAAAA   28559   2623   8407   UUCCAUUC   UUCCUAGGA   10185   UCCUAGGA   CUGAUGAG   GCCGUUAGGC   CGAA IAAAAAA   28559   2626   8404   CAUUCUUC   UAGGAGCA   10185   UCCUAGGA   CUGAUGAG   GCCGUUAGGC   CGAA IAAGGAAU   28561   2627   8403   AUUCUUC   UAGGAGCA   10185   UUCCUCUA CUGAUGAG   GCCGUUAGGC   CGAA IAAAGAAU   28562   2636   8394   AGGACCAC   UAGGUGGU   10188   CAGCCAGG   CGAAUGAG   GCCGUUAGGC   CGAA IAAAGAAU   28562   2637   8393   GGAGCAC   UAGGUGGU   10189   ACCAGCAG   CUGAUGAG   GCCGUUAGGC   CGAA IAAGGAAU   28562   2638   8394   AGGACCAC   UAGCUGGU   10189   ACCAGCAG   CUGAUGAG   GCCGUUAGGC   CGAA IAAGGAAU   28564   2637   8393   GAAGACAC   UAGCUGGU   10199   ACCAGCCC   CUGAUGAG   GCCGUUAGGC   CGAA IACCAGGG   28565   2646   8384   GCCUAGGU   AUUUCACU   10199   ACCAGCCC   CUGAUGAG   GCCGUUAGGC   CGAA IACCAGGG   28565   2652   8378   UCAAUGU   A CUGAUGAU   10199   ACCAGCCC   CUGAUGAG   GCCGUUAGG   CGAA IACCAGGG   28566   2653   8367   GAAGGUC   AUUUCACU   10194   AUUUCACU   CUGAUGAG   GCCGUUAGG   CGAA IACCAGGC   28566   2654   8367   GAAGGUC   AUUUCACU   10195   ACCAGCG   CUGAUGAG   GCCGUUAGG   CGAA IACCAGGC   28567   2656   8367   GAAGGUC   AUUUCACU   10196   ACGCAGG   CUGAUGAG   GCCGUUAGG   CGAA IACCAGGC   28567   2656   8367   GAAGGUC   AUUUCACU   10196   ACGCAGGG   CUGAUGAG   GCCGUUAGG   CGAA IACCAGGC   28567   2666   8367   GAAGGUC   CAUUUCAC   10195   ACGCAGG   CUGAUGAG   GCCGUUAGG   CGAA IACCAGGC   28567   2667   83	2601	8429	GGGGUCCC U UCCAGGUC	10178	GACCUGGA CUGAUGAG GCCGUUAGGC CGAA IGGACCCC	28553
1605   8425   UCCCUTICC A GRUCCUUT   10.180   AAAGGAC CUARRIAG GCOSURGES CAN ARCRIGAG 28555   1610   8419   CCAGGGCC UTURUTUCCA   10.181   GGARARA CUARRIAG GCOSURGES CAN ARCRIGAG 28555   1611   8419   CCAGGGCC UTURUTUCCA   10.182   UGGARARA CUARRIAG GCOSURGES CAN ARCRIGAG 28555   1618   8411   UTURITUCCA   CAUTICUTIC   10.181   GGARARA CUARRIAG GCOSURGES CAN ARCRIGAG 28555   1629   8411   UTURITUCCA   UTUCCARCA   10.182   UGGARARA CUARRIAG GCOSURGES CAN ARCRIGAG 28556   1623   8401   UTUCCARCA   UTUCCARCA   10.182   UCCARCA   CARRIAGA CUARRIAG GCOSURGES CAN ARCRIGAGA 28558   1623   8401   UTUCCARCA   UTUCCARCA   10.185   UCCARCA CUARRIAGA CUARRIAG GCOSURGES CAN ARCRIGAGA 28559   1624   8336   CONGERGE C UTAGRAGO   10.185   UCCARCA CUARRIAGA CUARRIAGA CUCARRIAGA   1625   8403   AUTUCUTUC UT ACCARCA   10.185   UCCARCA CUARRIAGA CUARRIAGA CUCARRIAGA   1626   8336   CONGERGE A CUCROCUCU   10.185   CARCACAC CURRIAGAG GCOSURGES COM TANACAC   28567   16336   3336   CONGERGE A CUCROCUCU   10.185   CARCACAC CURRIAGAG GCOSURGES COM TANACAC   28567   16337   8338   CARCACAC CUARRIAGA   UTUCCARCA   10.185   CARCACAC CURRIAGAG GCOSURGES COM TOUCACA   28567   1644   3339   CARCADOR   UTUCCARCA CUARRIAGA GCOSURGES COM TOUCACA   28567   1655   3357   CARCADOR   UTUCCARCA CUARRIAGA GCOSURGES COM TOUCACA   28567   1656   3356   CARCADOR   UTUCCARCA CUARRIAGA GCOSURGES COM TOUCACA   28567   1656   3356   CARCADOR   UTUCCARCA CUARRIAGA GCOSURGES COM TOUCACA   28567   1656   3357   CARCADOR   UTUCCARCA CUARRIAGA GCOSURGES COM TOUCACA   28567   1656   3357   CARCADOR   UTUCCARCA CUARRIAGA GCOSURGES COM TOUCACA   28567   1657   AUTUCCARCA CUARRIAGA GUARRIAGA CUARRIAGA GCOSURGES COM TOUCACA   28567   1658   3357   GARRIAGA CUARRIAGA GUARRIAGA GCOSURGES COM TOUCACA   28567   1658   3357   GARRIAGA CUARRIAGA GUARRIAGA GCOSURGES COM TOUCACA   28564   1658   3357   GARRIAGA CUARRIAGA GUARRIAGA GUARRIAGA GCOSURGES COM TOUCACA   28567   1658   3357   GARRIAGA CUARRIAGA GUARRIAGA GUARRIAGA GCOSURGES COM TOUCACA   28567   1658   3357   GARR	<del></del>				<del></del>	
1941   1941   COARGICC U UUUUUCCA   10.129   UGGAAAAA CUANIGAS   CCCSULAGEC CAN TAGAAAC   28557   1941   10100000   10.129   CANTONICO   10.129   CANTONIC	<b>——</b>			<del></del>		
66.19   8412   CUUUUUUC C AUUCUUCC   10181   GARAGAAU CURANGAG GCCGUURAGC CGAA (RAAAAAA)   28558   66.19   8407   UUUCUCCU CU UUCUUCCU   10184   AGAGAAA CURANGAG GCCGUURAGC CGAA (RAAAAAA)   28558   66.21   8407   UUUCUCCU CURAGGAA (UGANGAG) GCCGUURAGC CGAA (RAAAAAA)   28558   66.26   8406   CAUUUUUC C UAGAGACA (10187   GUGCUURA CURANGAG GCCGUURAGC CGAA (RAAGAAU)   28561   66.27   8403   AUUCUCCU C UAGAGACA (10187   GUGCUURA CURANGAG GCCGUURAGC CGAA (RAAGAAU)   28561   66.27   8403   AUUCUCCU C AGAGACA (10187   GUGCUURAG GCCGUURAGC CGAA (RAAGAAU)   28561   66.27   8403   AUUCUCCU C AGAGACA (10187   GUGCUURAG GCCGUURAGC CGAA (RAAGAAU)   28561   67.28   83194   ACAGACAC C UGACUGAU   10189   ACCAGCA CUGAUGAG GCCGUURAGC CGAA (RACAGAU)   28561   68.2   83194   ACAGACAC C UGACUGAU   10189   ACCAGCA CUGAUGAG GCCGUURAGC CGAA (RACAGAU)   28561   68.2   83195   CACCUGGCU C GGUCURAGU   10189   ACCAGCA CUGAUGAG GCCGUURAGC CGAA (RACAGCC   28564   68.2   83194   ACAGACAC C UGACUGAU   10181   ALABACAC CUGAUGAG GCCGUURAGC CGAA (RACAGCC   28564   68.2   83194   ACAGACAC C UGACUGAU   10181   ALABACAC CUGAUGAG GCCGUURAGC CGAA (RACAGCC   28564   68.2   83195   CACAGUGAC C UGACUGAU   10189   ACCAGCA CUGAUGAG GCCGUURAGC CGAA (RACAGCC   28564   68.2   83194   ACAUCUCC C UGACAGCC   10189   ACACAGCC   10189   ACACAGCC   10189   68.2   83194   ACACAGCC C CACAGUGAC C CACAGCC   10189   ACACAGCC   10189   68.3   8319   ACACAGCC C CACAGCC C CACAGCC   10189   ACACAGCC   10189   68.4   83194   ACACAGCC C CACAGCC C CACAGCC   10189   ACACAGCC   10189   68.4   83194   ACACAGC C C ACACAGCC   10189   ACACAGC   10189   68.4   83194   ACACAGC C C CACAGCC   10189   ACACAGC   10189   68.4   83194   ACACAGC C C CACAGCC   10189   ACACAGC   10189   68.5   83195   ACACAGC C C CACAGCC   10189   ACACAGC   10189   68.6   83194   ACACAGC C C C ACACAGC   10189   ACACAGC   10189   68.6   83194   ACACAGC C C C ACACAGC   10189   ACACAGC   10189   68.6   83194   ACACAGC C C C ACACAGC   10189   ACACAGC   10189   68.6   83194   ACACAGC C C CACAGCC   10189   ACACAGC				<del></del>		
2612   2611   IUIULUICO & UICCIDICO   10185   LOCALIGA CURADIA   26550   2626   2640   CRUICULU C UICCIDICO   10186   UICCULUG C UICCIDICO   10186   UICCULUG C UICCIDICO   10186   UICCULUG C UICCIDICO   10187   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620   2620	$\longrightarrow$					
16252   8407   TUTCCAUTUC U UCCUAGGA   10185   UCCUAGGA CUSANGAG   COSUTUAGGO   COSA   TABUGGA   28560   2627   8403   AUTUCUUCC U MAGRAGOA   10187   GUIGUUCU CUGRUIGAG   COSUTUAGGO   COSA   TABUGGA   28561   2628   8394   AGGAGOAC   CUGRUIGAG   10189   CAGCAGG   CUGRUIGAG   COSUTUAGGO   COSA   TABUGGA   28561   2636   8394   AGGAGOAC   CUGRUIGAG   10189   ACCAGGO   CUGRUIGAG   COSUTUAGGO   COSA   TABUGGAG   CUGRUIGAG   COSUTUAGGO   COSA   TABUGGAG   CUGRUIGAG   COSUTUAGGO   COSA   TABUGGAG   CUGRUIGAG   COSUTUAGGO   COSA   TABUGGAG   CUGRUIGAG   COSA						
	<del>-</del>					
1637	<del></del>	8407				
25516   8396	2626	8404	CAUUCUUC C UAGGAGCA	10186		
2656	2627	8403		10187	GUGCUCCU CUGAUGAG GCCGUUAGGC CGAA IGAAGAAU	28562
2651	2634	8396	CUAGGAGC A CCUGGCUG	10188	CAGCCAGG CUGAUGAG GCCGUUAGGC CGAA ICUCCUAG	28563
2646   8384   GECCURGUC U GRUCAUMU 10191   AUMURACU CUGAUGAG GECCULAGGE CGAA IACCAGCC 28567   2652   8376   UCAUAUUC A CUGAUGAU 10192   AUGURAUA CUGAUGAG GECCULAGGE CGAA IACCAGCC 28567   2652   8376   UCAUAUUC A CUGAUGAG GECGULAGGE CGAA IACCAGCC 28567   2653   8376   AUMURACU CUGAUGAG GECGULAGGE CGAA IACAAGCC 28567   2663   8376   GAAUGUAC CUGAUGAG GECGULAGGE CGAA IACAAGU 28567   2664   8366   AUGURACU CUGAUGAG GECGULAGGE CGAA IACAAGU 28567   2664   8366   AUGURACA C ACAUUGCC 10195   GGCAAUGU CUGAUGAG GECGULAGGE CGAA IUGACAUU 28570   2666   8364   UGURACCA C AUUGCCU 10195   AGGCAAUG CUGAUGAG GECGULAGGE CGAA IUGACAUU 28571   2666   8364   UGURACCA C AUUGCCU 10195   AGGCAAUG CUGAUGAG GECGULAGGE CGAA IUGACAUU 28571   2672   8358   ACAUUGC C UGAAGCU 10197   CAGGCAA CUGAUGAG GECGULAGGE CGAA IUGACAUU 28573   2672   8358   ACAUUGC C UGAAGCU 10198   GAGCUUCA CUGAUGAG GECGULAGGE CGAA IUGACACU 28573   2672   8358   ACAUUGC C UGAAGCU 10198   GAGCUUCA CUGAUGAG GECGULAGGE CGAA ICACAUC 28573   2672   8358   ACAUGGC U CACCAAU 10201   40190   40190   40190   40190   40190   40190   40190   40190   40190   40190   40190   40190   40190   40190   40190   40190   40190   40190   40190   40190   40190   40190   40190   40190   40190   40190   40190   40190   40190   40190   40190   40190   40190   40190   40190   40190   40190   40190   40190   40190   40190   40190   40190   40190   40190   40190   40190   40190   40190   40190   40190   40190   40190   40190   40190   40190   40190   40190   40190   40190   40190   40190   40190   40190   40190   40190   40190   40190   40190   40190   40190   40190   40190   40190   40190   40190   40190   40190   40190   40190   40190   40190   40190   40190   40190   40190   40190   40190   40190   40190   40190   40190   40190   40190   40190   40190   40190   40190   40190   40190   40190   40190   40190   40190   40190   40190   40190   40190   40190   40190   40190   40190   40190   40190   40190   40190   40190   40190   40190   40190   40190   40190   40190   40190   40190   40190   4	2636	8394	AGGAGCAC C UGGCUGGU	10189	ACCAGCCA CUGAUGAG GCCGUUAGGC CGAA IUGCUCCU	28564
2656	2637	8393	GGAGCACC U GGCUGGUC	10190	GACCAGCC CUGAUGAG GCCGUUAGGC CGAA IGUGCUCC	28565
2652         8378         UCAUNUUC A CUGANUGU L0193         ACAUUCAG CUGAUGAG GCGGUUAGGC COAA IAMARUA 28569           2653         8376         AUMUUCAC U GAAUGUAC L0194         GUACAUUC CUGAUGAG GCGGUUAGGC COAA IUACAUUC 28570           2664         8366         AUAGUAC C A CAUUGCCU 10195         GOCAAGGU CUGAUGAG GCGGUUAGGC GOAA IUACAUUC 28570           2666         8364         MAJUGUAC A CAUUGCCU 10196         AGGCABU CUGAUGAG GCGGUUAGGC GOAA IUACAUUC 28570           2671         8359         CACAUUGC C UGAAGCU 10198         GAGCUUCA CUGAUGAG GCCGUUAGGC GOAA ICACAUGU 28573           2672         8358         ACAUUGC C UGAAGCU C 10290         GUGAGCUC CUGAUGAG GCCGUUAGGC GOAA ICACAUGU 28574           2678         8358         ACAUUGC C UGAAGCU C CACCCAAU 10201         GUGAGUGA GCGUUAGG GCGUUAGGC GOAA ICUCAGGG 28575           2688         8347         ACUCGAC C C CACCCAAU 10201         AUUGAGUG CUGAUGAG GCCGUUAGGC GOAA ICUCAGGG 28576           2689         8342         GUCCACC C C CAUACAU 10203         AUGGAGUG GCGUUAGGC GOAA ICUCAGGG 28576           2689         8342         GUCCACC C C CAUACAU 10203         AUGGAGUG GCGUUAGGC GOAA ICUCAGGG 28576           2689         8341         ACUCACCC C AUACCAU 10204         AUGGAGU GCGUUAGGG GOAA ICUCAGGG 28576           2699         8334         ACUCACCC C AUACCAG GCGAC CUCACGGGG CACCAGA CUCAGAGG CCGUAGGG CGAA ICUCAGGG CACAAGA CUCACGGG CACAAGA CUCACGGG CAC	2641	8389	CACCUGGC U GGUCAUAU	10191	AUAUGACC CUGAUGAG GCCGUUAGGC CGAA ICCAGGUG	28566
2652	2646	8384	GGCUGGUC A UAUUCACU	10192	AGUGAAUA CUGAUGAG GCCGUUAGGC CGAA IACCAGCC	28567
2656				10193	ACAUUCAG CUGAUGAG GCCGUUAGGC CGAA IAAUAUGA	28568
2654   8367						
2666	$\vdash$					<del></del>
2666	$\vdash$					
2671						<del></del>
2672						
2678	<b></b>					
2683         8347         AGCUCGAC U CACCCANDA         10201         AUUGAGGIG CUGAUGAGG CGAA LUCCAGCU         28576           2685         8345         CUCGACUC A CCCANDAC         10202         GUADUGGG CUGAUGAGG         CGAA LAGUCGAG         25577           2687         8343         CGACUCAC C CANDACAU         10203         AUGUAUUG CUGAUGAG         GCGUULAGGC CGAA LIGUGAGU         28578           2688         8342         GACUCAC C ANDACAUCU         10204         GABUGUAU         CUGAUGAG GCCGUULAGGC CGAA LIGUGAGU         28579           2689         8341         ACUCACC C ANDACAUCU         10205         AGAUGUAU         CUGAUGAG GCCGUULAGGC CGAA LIGUGAGU         28581           2694         8336         CCCANADA A UCUCGUGC         10207         CACGACG CUGAUGAG GCCGUULAGGC CGAA LAUUUCA         28581           2697         8333         AAUACAUC U GUGGGIG         10207         CACGACG CUGAUGAG GCCGUULAGGC CGAA LAUUUCA         28582           2712         8318         UGGAUUC U GACCAGUC 10209         ACUGUCA CUGAUGAGG GCCGUULAGGC CGAA LAUUCCA         28582           2732         8298         UUUCUGAC C AGUCCCCC C 10210         GACGGGGC CUGAUGAG GCCGUULAGGC CGAA LAUUCCA         28584           2733         8297         UUCUGACA C AGUCCCCC C         10211         GGGGGGAC CUGAUGAG GCCGUULAGG CGAA LACUGGC	<del></del>					
2685         8345         CUCGACUC A CCCANUAC 10202         GUNUUGGG CUGNUGGG CGAN IAGUCAGG 28577           2687         8343         CORCUCAC C CANUACAU 10203         AUGURUUG CUGAUGGG CGAA IUGAGGG 28578           2688         3342         GACUCAC C AAUACAU 10204         GABGUAUU CUGAUGGG CGAA IUGAGGC CGAA IUGAGUC 28579           2689         8341         ACUCACC A AUACAUC U 10205         AGAGUAU CUGAUGGG CGAA IUGUGGG 28579           2697         8333         AAUACAUC U CGUGGGU 10207         CACGACG CUGAUGAG CGCGG CGAA IUGUGG CGAA IUGUGG 28581           2712         8318         UGGAAUUC U CGUGGGU 10207         CACGACG CUGAUGAG CGCGG GAA IUGUGG CGAA IUGUGG 28581           2712         8318         UGGAUUC U GACCAGUC 10209         ACUCUCAC CUGAUGAG GCCGUAGGC CGAA IUGAGG CGAA IUAUUCA 28583           2732         2829         UUCUGAC C AGUCCCC 10210         GGGGGAC CUGAUGAG GCCGUAGGC CGAA IUACAGA 28584           2733         8297         UUCUGAC A GUCCCCC 10211         GGGGGAC CUGAUGAG GCCGUAGGC CGAA IUACAGA 28586           2733         8297         UUCUGAC A GUCCCCC 10212         JUGGGGG CUGAUGAG GCCGUAGGC CAA IUCAGAA 28586           2733         8297         ACCAGUC C CCCCCAU 10213         JULIGGGG CUGAUGG GCCGUAGGC CAA IACUGGU 28586           2733         8297         JUCUGAC A GUCCCAU CCCCAUAC COLLI 00213         JULIGGGG CUGAUGG GCCGUAGG CAA IACUGGU 28586	<del></del>					<del></del>
2687         8343         CGACUCAC         C CANUACAU         10203         AUGUNUUG         CUGAUGAG         CCCUUNAGG         CGAA         IUGAGUCG         28578           2688         8342         GACUCACC         C ANUACAUCU         10205         AGAUGUAU         CUGAUGAG         CGAA         IUGAGUGA         CGAA         IUGAGUGA         CGAA         IUGAGUGA         CGAA         IUGAGUGA         CGAA         CGA	2683	8347	AGCUCGAC U CACCCAAU	10201		
2688         8342         GRCUCACC         C ANUACAUC         10204         GAUGUAUU         CUGAUGAG         CCAA         IGUGAGUC         28579           2689         8341         ACUCACCC         A AUACAUCU         10205         GAGAGGA         CUGAUGAG         CCGUUAGGC         COAA         IGGUGAGU         28580           2694         8333         ANUACAUC         U CGUGGUG         10207         CACGCACG         CUGAUGAG         CCGUUAGGC         COAA         IAUUUGGG         28581           2712         8318         UGGAADUC         C GUGAGGU         10209         ACUCUCAC         CUGAUGAG         CCGUUAGGC         COAA         IAUUUCAC         28584           2728         8390         UUUCUGAC         A GUCCCCC         10210         GGGGGAC         CUGAUGAG         CCGUUAGGC         COAA         IAUACAA         28585           2733         8297         UUCUGAC         A GUCCCCC         10211         GGGGGGAC         CUGAUGAG         CCGUUAGGC         COAA         IUCAGAAA         28586           2733         8297         UUCUGAC         A GUCCCCC         10211         GGGGGGGGC         CUGAUGAG         CCCGUUAGGC         COAA         IUCAGAAA         28585           2738         8292 </td <td>2685</td> <td>8345</td> <td>CUCGACUC A CCCAAUAC</td> <td>10202</td> <td></td> <td>28577</td>	2685	8345	CUCGACUC A CCCAAUAC	10202		28577
2689         8341         ACUCACCC A AUACAUCU         10205         AGAUGUAU CUGAUGA         CCCGUUAGGC         CGA IGGUGAGU         28580           2694         8336         CCCAADIAC A UCUCUCUC         10207         CACCAGAG         CUGAUGAG         CCGAIUAGG         COAA IUAUUGGG         28581           2697         8333         AUACAUC U GUGAGGU         10207         CACCAGC         CUGAUGAG         CGGUUAGGC         CGAI IAGUUCCA         28583           2712         8318         UGGAUUC U GACCAGUC         10209         GACUGGUC         CUGAUGAG         CCGUUAGGC         COAI IAAUUCCA         28584           2728         83202         UGGGUUACC C AGUCCCCC         10210         GGGGGAC         CUGAUGAG         GCGUUAGGC         COAI IAAUCCA         28585           2733         8228         UUUCUGAC C AGUCCCC         10211         GGGGGAC         CUGAUGAG         GCCGUUAGGC         CGAI ICAGGAU         28586           2733         8229         LOCAGUCC C CCCCCAU         10213         UAUGGGG         CUGAUGAG         GCCGUUAGGC         CGAI IGACUGGU         28588           2733         8229         ACCAGUCC C CCCCAUAC         10213         UAUGGGG         CUGAUGAG         GCCGUUAGGC         CGAI IGACUGGG         285892 <t< td=""><td>2687</td><td>8343</td><td>CGACUCAC C CAAUACAU</td><td>10203</td><td>AUGUAUUG CUGAUGAG GCCGUUAGGC CGAA IUGAGUCG</td><td>28578</td></t<>	2687	8343	CGACUCAC C CAAUACAU	10203	AUGUAUUG CUGAUGAG GCCGUUAGGC CGAA IUGAGUCG	28578
2694   8336   CCCAAUAC A UCUCGUGC   10206   GCACGAGA CUGAUGAG   GCCGUUAGGC   CGAA IUAUUGGG   28581   2697   8333   AAUACAUC U CGUGAGGU   10207   CACGAGG   CUGAUGAG   GCCGUUAGGC   CGAA IUAUUGGG   28582   2712   8318   UGGAGAUUC C   GUGAGAGGU   10209   GACUGGUC   CUGAUGAG   GCCGUUAGGC   CGAA IAAUCCCA   28583   2728   8302   UUGUGAC   GUGAGAGGU   10209   GACUGGUC   CUGAUGAG   GCCGUUAGGC   CGAA IAAUCCCA   28584   2732   8298   UUUCUGAC   AGUCCCCC   10210   GGGGGAC   UGAUGAG   GCCGUUAGGC   CGAA IUACGGAA   28585   2738   8297   UUUCUGAC   AGUCCCCC   10211   GGGGGGAC   CUGAUGAG   GCCGUUAGGC   CGAA IUCUGAAA   28585   2738   8297   UUUCUGAC   CCCCCCAU   10212   AUGGGGG   CUGAUGAG   GCCGUUAGGC   CGAA IUCUGAAA   28586   2737   8293   GACCAGUC   C CCCCCAU   10212   AUGGGGG   CUGAUGAG   GCCGUUAGGC   CGAA IUCUGAGA   28587   2738   8292   ACCAGUCC   C CCCCCAUA   10213   UAUGGGGG   CUGAUGAG   GCCGUUAGGC   CGAA IGCUGGU   28587   2739   8291   CCAGUCCC   C CCCCAUAC   10214   GUAUGAG   GUGAUGAG   GCCGUUAGGC   CGAA IGCUGGU   28589   2740   8290   CAGUCCCC   C CCCAUACC   10215   GGUAUGAG   GUGAUGAG   GCCGUUAGGC   CGAA IGGACUG   28590   2741   8289   AGUCCCCC   C CAUACCG   10215   GGUAUGAG   GUGAUGAG   GCCGUUAGGC   CGAA IGGACUG   28591   2742   8288   GUCCCCCC   C AUACCGG   10216   GGUAUGAG   GUGAUGAG   GCCGUUAGGC   CGAA IGGGGACU   28591   2742   8288   GUCCCCCC   C AUACCGG   10216   GGUAUGAG   GUGAUGAG   GCCGUUAGGC   CGAA IGGGGACU   28591   2744   8286   CCCCCCCC   AUACCGG   10217   CCGGUAUG   CUGAUGAG   GCCGUUAGGC   CGAA IGGGGGAC   28592   2743   8287   UCCCCCCC   AUACCGG   10218   GCCGGUAG   CUGAUGAG   GCCGUUAGGC   CGAA IGGGGGAC   28592   2744   8286   CCCCCCCC   AUACCGGG   10219   GCCGGUA   CUGAUGAG   GCCGUUAGGC   CGAA IGGGGGAC   28592   2744   8286   CCCCCCCC   AUACCGGC   10220   CCAACGCC   CUGAUGAG   GCCGUUAGGC   CGAA IUGUGAC   CGAA IUGUCCC   CCAACGCC   UGAUGAG   GCCGUUAGGC   CGAA IUGUGAC   CGAA IUGUGAC   CGAA IUGUGAC   CGAA IUGUGAG   CCCGUUAGGC   CGAA IUGUGAC   CGAA IUGUGAC   CGAA IUGUGAC   CGAA IUGUGAC   CGAA IUGUGAC   CGA	2688	8342	GACUCACC C AAUACAUC	10204	GAUGUAUU CUGAUGAG GCCGUUAGGC CGAA IGUGAGUC	28579
2697   8333   AAUACAUC U CGUGCGUG   10207   CACGCACG CUGAUGAG   GCCGUUAGGC   CGAA TAUGUAUU   28582   2712   8318   UGGAAUUC C GUGAAGAGU   10208   ACUCUCAC CUGAUGAG   GCCGUUAGGC   CGAA TAUGUCCA   28584   2728   8302   UGGGUUAC U GACCAGUC   10210   GACCIGGUC   CUGAUGAG   GCCGUUAGGC   CGAA TALACCCA   28584   2732   8298   UUUCUGAC   AGUCCCCC   10211   GGGGGACU   CUGAUGAG   GCCGUUAGGC   CGAA TALACCCA   28584   2737   8293   GACCAGUC   CCCCCCAU   10212   AUGGGGGG   CUGAUGAG   GCCGUUAGGC   CGAA TALACCCA   28585   2737   8293   GACCAGUC   C CCCCCAU   10212   AUGGGGG   CUGAUGAG   GCCGUUAGGC   CGAA TALACCGGU   28587   2738   8292   ACCAGUCC   C CCCCCAU   10212   AUGGGGG   CUGAUGAG   GCCGUUAGGC   CGAA TACUCAGAA   28586   2737   8293   GACCAGUC   C CCCCCAUA   10213   UAUGGGG   CUGAUGAG   GCCGUUAGGC   CGAA TACUCAGGU   28587   2740   8290   CAGUCCC   C CCCCAUAC   10215   GGUAUGAG   CUGAUGAG   GCCGUUAGGC   CGAA TACCUGGU   28589   2744   8299   AUCCCCCC   C CCAUACCG   10215   GGUAUGAG   CUGAUGAG   GCCGUUAGGC   CGAA TAGACUGG   28590   2741   8289   AUCCCCCC   C CAUACCG   10215   GGUAUGAG   CUGAUGAG   GCCGUUAGGC   CGAA TAGACUGG   28591   2741   8289   AUCCCCCC   C CAUACCG   10216   GGUAUGAG   CUGAUGAG   GCCGUUAGGC   CGAA TAGACUGG   28591   2744   8288   GUCCCCCC   C AUACCGG   10218   GCCGGUAG   CUGAUGAG   GCCGUUAGGC   CGAA TAGACUGG   28591   2744   8286   CUCCCCCC   AUACCGGC   10218   GCCGGUAG   CUGAUGAG   GCCGUUAGGC   CGAA TAGACUGG   28592   2744   8286   CUCCCCCC   AUACCGGC   10218   GCCGGUAG   GUGAUGAG   GCCGUUAGGC   CGAA TAGACUGG   28593   2744   8286   CUCCCCCC   AUACCGGC   10218   GCCGGUAG   GUGAUGAG   GCCGUUAGGC   CGAA TAGACUGG   28594   2744   8286   CUCCCCCC   AUACCGGC   10218   GCCGGUAG   GCCGGUUAGGC   CGAA TAGACUGG   28594   2744   8286   CUCCCCCC   AUACCGGC   10224   AUGAGGGC   CUGAUGAG   GCCGUUAGGC   CGAA TAGACUGC   28596   2763   8267   GGAGCAGC   UCAUCUC   10222   GAAGAGG   CUGAUGAG   GCCGUUAGGC   CGAA TAGACUGC   28596   2763   8267   GAGGCAGC   UCAUGAG   CUGAUGAG   GCCGUUAGGC   CGAA TAGACUGC   28596   2765   8	2689	8341	ACUCACCC A AUACAUCU	10205	AGAUGUAU CUGAUGAG GCCGUUAGGC CGAA IGGUGAGU	28580
2712   8318	2694	8336	CCCAAUAC A UCUCGUGC	10206	GCACGAGA CUGAUGAG GCCGUUAGGC CGAA IUAUUGGG	28581
2728         8302         UGGGUUUC U GACCAGUC         10209         GACUGGUC CUGAUGAG         CCGUUAGGC         CGAA IAAACCCA         28584           2732         8298         UUUCUGAC C AGUCCCCCC         10210         GGGGGAC CUGAUGAG         GCAA IUCAGACA         28586           2733         8297         UUCUGAC A GUCCCCCC         10211         GGGGGGC CUGAUGAG         GCCGUUAGGC         GAA IGUCAGAA         28586           2737         8293         GACCAGUC C CCCCCAUA         10212         AUGGGGG CUGAUGAG         GCCGUUAGGC         CGAA IACUGGUC         28587           2738         8292         ACCAGUCC C CCCCCAUA         10213         UAUGGGG CUGAUGAG         GCCGUUAGGC         CGAA IGACUGGU         28588           2739         8291         CCAGUCCC C C CCCAUAC         10214         GUAUGGG         CUGAUGAG         CGAA IGACUGG         28589           2740         8290         CAGUCCCC C C CCAUACCG         10216         CGGUAUG         CUGAUGAG         CUGAUGAG         CGAA IGGGGCU         28591           2743         8288         GUCCCCCC C CAUACCGG         10218         GCCGGUAGG         CUGAUGAG         CCGAA IGGGGGA         28592           2744         8286         CCCCCCCC C AUACCGG         10218         GCCGGUAGG         CCGAUGAG	2697	8333	AAUACAUC U CGUGCGUG	10207	CACGCACG CUGAUGAG GCCGUUAGGC CGAA IAUGUAUU	28582
2728         8302         UGGGUUUC U GACCAGUC         10209         GACUGGUC CUGAUGAG         CCGUUAGGC         CGAA IAAACCCA         28584           2732         8298         UUUCUGAC C AGUCCCCCC         10210         GGGGGAC CUGAUGAG         GCAA IUCAGACA         28586           2733         8297         UUCUGAC A GUCCCCCC         10211         GGGGGGC CUGAUGAG         GCCGUUAGGC         GAA IGUCAGAA         28586           2737         8293         GACCAGUC C CCCCCAUA         10212         AUGGGGG CUGAUGAG         GCCGUUAGGC         CGAA IACUGGUC         28587           2738         8292         ACCAGUCC C CCCCCAUA         10213         UAUGGGG CUGAUGAG         GCCGUUAGGC         CGAA IGACUGGU         28588           2739         8291         CCAGUCCC C C CCCAUAC         10214         GUAUGGG         CUGAUGAG         CGAA IGACUGG         28589           2740         8290         CAGUCCCC C C CCAUACCG         10216         CGGUAUG         CUGAUGAG         CUGAUGAG         CGAA IGGGGCU         28591           2743         8288         GUCCCCCC C CAUACCGG         10218         GCCGGUAGG         CUGAUGAG         CCGAA IGGGGGA         28592           2744         8286         CCCCCCCC C AUACCGG         10218         GCCGGUAGG         CCGAUGAG	2712	8318	UGGAAUUC C GUGAGAGU	10208	ACUCUCAC CUGAUGAG GCCGUUAGGC CGAA IAAUUCCA	28583
2732   8298	2728	8302	UGGGUUUC U GACCAGUC	10209		28584
2733         8297         UUCUGACC         A GUCCCCCC         10211         GGGGGGAC         CUGAUGAG         GCCGUNAGGC         CGAA         IGUCAGAA         28586           2737         8293         GACCAGUC         C CCCCCAUA         10212         AUGGGGG         CUGAUGAG         CGAA         IACUGGUC         28587           2738         8292         ACCAGUCC         C CCCCAUAC         10214         GUAUGAG         GCCGUNAGG         CGAA         IGACUGGU         28588           2740         8290         CAGUCCC         C CCCAUAC         10215         GGUAUGGG         CUGAUGAG         CGAA         IGGACUG         28590           2741         8289         AGUCCCCC         C CCAUACCG         10216         CGGUAUGG         CUGAUGAG         CCAA         IGGGGGAC         28591           2742         8288         GUCCCCCC         C AUACCGGC         10217         CCGGUAUGAG         GCCGUUAGGC         CGAA         IGGGGGAC         28591           2743         8286         CCCCCCCC         AUACCGGC         10219         CGCGGUAG         CUGAUGAG         CCGUUAGGC         CGAA         IGGGGGGA         28592           2748         8286         CCCCCCCCC         AUACCGGC         10229         CCAACGC </td <td>-</td> <td></td> <td></td> <td><del></del></td> <td></td> <td></td>	-			<del></del>		
2737   8293   GACCAGUC C CCCCCCAU   10212   AUGGGGGG CUGAUGAG GCCGUUAGGC CGAA IACUGGUC   28587   2738   8292   ACCAGUCC C CCCCCAUA   10213   UAUGGGGG CUGAUGAG GCCGUUAGGC CGAA IGACUGGU   28588   2739   8291   CCAGUCCC C CCCCAUAC   10214   GUAUGGG CUGAUGAG GCCGUUAGGC CGAA IGACUGGU   28588   2740   8290   CAGUCCC C CCCAUACC   10215   GGUAUGAG GCCGUUAGGG CGAA IGGGACUG   28590   2741   8289   AGUCCCCC C CCAUACCG   10216   CGGUAUGG CUGAUGAG GCCGUUAGGC CGAA IGGGACUG   28591   2742   8288   GUCCCCCC C CAUACCG   10217   CCGGUAUG CUGAUGAG GCCGUUAGGC CGAA IGGGGACU   28591   2744   8288   GUCCCCCC C CAUACCGG   10217   CCGGUAUG CUGAUGAG GCCGUUAGGC CGAA IGGGGGAC   28592   2743   8287   UCCCCCCC C AUACCGG   10218   GCCGGUAU CUGAUGAG GCCGUUAGGC CGAA IGGGGGGA   28592   2744   8286   CCCCCCCC A UACCGGC   10218   GCCGGUAUGAGG GCCGUUAGGC CGAA IGGGGGGA   28594   2748   8282   CCCCAUAC C GGCGUUG   10221   GACGGGC CUGAUGAG GCCGUUAGGC CGAA IGGGGGGG   28594   2748   8282   CCCCAUAC C GGCGUUG   10221   GAUGGAGC CUGAUGAG GCCGUUAGGC CGAA IGUCCCAC   28596   2760   8270   GUUGGAGC A GCUCCAUC   10221   GAUGGAGC CUGAUGAG GCCGUUAGGC CGAA ICUCCCAC   28596   2763   8267   GGAGCAGCU C AUCUUCU   10222   GAAGAUGG CUGAUGAG GCCGUUAGGC CGAA ICUCCCAC   28597   2765   8265   AGCAGCUC C AUCUUCU   10223   GAGAAGAGA CUGAUGAG GCCGUUAGGC CGAA IAGCUGCC   28599   2769   8261   GCUCCAUC U UCUCUAUG   10223   GAGAAGAGA CUGAUGAG GCCGUUAGGC CGAA IAGCUGC   28599   2769   8261   GCUCCAUC U UCUCUAUG   10225   CAUAGAGA CUGAUGAG GCCGUUAGGC CGAA IAGCUGC   28599   2769   8261   GCUCCAUC U UCUCUAUG   10225   CAUAGAGA CUGAUGAG GCCGUUAGGC CGAA IAGCAGC   28600   2772   8258   CCAUCUUC U UCUGAGC   10226   AGUCAUAG CUGAUGAG GCCGUUAGGC CGAA IAGCAGA   28601   2774   8256   AUCUUCUC U AUGACCUU   10227   AAAGUCAU CUGAUGAG GCCGUUAGGC CGAA IAGAAGA   28601   2774   8256   AUCUUCGC U AUGACGUU   10227   AAAGUCAU CUGAUGAG GCCGUUAGGC CGAA IAGAAGAU   28601   2775   8243   CUUCAGCA   10230   AGGUCAUG CUGAUGAG GCCGUUAGGC CGAA IAGCAGUC   28605   2804   8226   CAGAGAGC A CUUCACG   10231   CG	<del></del>					
2738         8292         ACCAGUCC         C CCCCCAUA         10213         UAUGGGG         CUGAUGAG         GCCGUUAGGC         CGAILGGG         28588           2739         8291         CCAGUCCC         C CCCAUAC         10214         GUAUGGG         CUGAUGGC         CAA IGGACUG         28589           2740         8290         CAGUCCCC         C CCAUACCG         10215         GGUAUGG         CUGAUGAG         GCCGUUAGGC         CGAA         IGGACUG         28590           2741         8288         GUCCCCCC         C CAUACCG         10216         CGGUAUG         CUGAUGAG         GCCGUUAGGC         CGAA         IGGGGGAC         28591           2742         8288         GUCCCCCC         C AUACCGGC         10218         GCCGGUAG         GCCGUUAGGC         CGAA         IGGGGGAC         28592           2743         8287         UCCCCCCC         A UACCGGC         10219         CGCCGGUA         CUGAUGAG         CGAA         IGGGGGAC         28592           2744         8286         CCCCCCCA         A UACCGGC         10219         CGCCGUAGG         CUGAUGAG         GCCGUUAGGC         CGAA         IGGGGGGA         28592           2760         8276         GGAGCAGC         C CAUCUUC         10221         <	-			<del></del>		
2739         8291         CCAGUCCC         C CCCCAUAC         10214         GUAUGGG         CUGAUGGG         CGA IGGACUG         28589           2740         8290         CAGUCCC         C CCCAUACC         10215         GGUAUGGG         CUGAUGAG         CGAA         IGGGACUG         28590           2741         8289         AGUCCCCC         C CAUACCGG         10216         CGGUAUGG         CUGAUGAG         CCGUUAGGC         CGAA         IGGGGACU         28591           2742         8288         GUCCCCCC         C AUACCGG         10218         GCCGGUAUGG         CUGAUGAG         CCGAA         IGGGGGAC         28592           2743         8287         UCCCCCCC         AUACCGGC         10218         GCCGGUAUCUGG         GCCGUUAGG         CGAA         IGGGGGA         28593           2744         8286         CCCCCCCC         AUACCGGC         10219         CGCCGGUA         CUGAUGAG         CCGAA         IGGGGGGA         28593           2760         8270         GUUGGAGC         A GCUCCAUC         10221         GAUGGAGC         CUGAUGAG         CCGUUAGGC         CGAA         IUCUCCAC         28596           2763         8267         GGAGCAGC         A UCUUCUC         10222         GAAAGAG         C				<del>                                     </del>		
2740         8290         CAGUCCCC         C CCCAUACC         10215         GGUAUGGG         CUGAUGAG         CCGUUAGGC         CGA IGGGACU         2859           2741         8289         AGUCCCC         C CCAUACCG         10216         CGGUAUGG         CUGAUGAG         GCCGUUAGGC         CGA IGGGGACU         28591           2742         8288         GUCCCCCC         C CAUACCGG         10217         CCGGUAUG         CUGAUGAG         GCCGUUAGGC         CGA IGGGGGA         28592           2744         8286         GUCCCCCC         C VAACCGC         10218         GCCGGUA         CUGAUGAG         CCGUUAGGC         CGA IGGGGGG         28592           2744         8286         CCCCCCCC         A VACCGGCG         10219         CGCCGUA         CUGAUGAG         CCGAUAC         10260         CCAACGCC         CUGAUGAG         CCGAUAGG         28594           2748         8282         CCCCAUAC         C GGCGUUGA         10221         GAUGAGC         CUGAUGAG         CCGAA         IUAUGGGG         28595           2763         8267         GGAGCGUC         C AUCUUCU         10222         GAGABGU         CUGAUGAG         CCGUUAGGC         CGAA         IUCUCCAC         28596           2765         8264         GCAGC				<del> </del>		
2741         8289         AGUCCCCC         C CAUACCG         10216         CGGUAUGG         CUGAUGAG         CCAA         IGGGGACU         28591           2742         8288         GUCCCCCC         C CAUACCGG         10217         CCGGUAUG         CUGAUGAG         CCGUAGGC         CGAA         IGGGGGAC         28592           2743         8287         UCCCCCCC         C AUACCGGC         10218         GCCGGUAU         CUGAUGAG         CCGAA         IGGGGGGA         28593           2744         8286         CCCCCCCC         A UACCGGC         10219         CGCCGUA         GUGAUGAG         CCGAA         IGGGGGGG         28594           2748         8282         CCCCAUAC         C GGGUUGG         10220         CCAACGCC         CUGAUGAG         CCGAA         IGGGGGG         28596           2760         8270         GUUGGAGC         U CCAUCUC         102221         GAUGAGGG         CUGAUGAG         CCGUUAGGC         CGAA         ICUCCAAC         28596           2765         8265         AGCAGCUC         A UCUUCUC         10223         GAGAAGA         CUGAUGAG         CCGUUAGGC         CGAA         IAGCGGCU         28599           2769         8261         GCUCCAUC         U UCUCUAUG         10223 <td></td> <td></td> <td></td> <td></td> <td></td> <td><del> </del></td>						<del> </del>
2742         8288         GUCCCCCC         C AUACCGG         10217         CCGGUAUG         CUGAUGAG         GCCGUUAGGC         CGAA         IGGGGGAC         28592           2743         8287         UCCCCCCC         C AUACCGGC         10218         GCCGGUAU         CUGAUGAG         GCCGUUAGGC         CGAA         IGGGGGA         28593           2744         8286         CCCCCAUAC         C GGCGUUGG         10219         CGCCGGUA         CUGAUGAG         CGCGUUAGGC         CGAA         IGGGGGG         28594           2760         8270         GUUGGAGC         A GCUCCAUC         10221         GAUGGAGG         CUGAUGAG         CGCGUUAGGC         CGAA         ICUCCAAC         28596           2763         8267         GGAGCAGC         U CCAUCUUC         10222         GAAGAUGG         CUGAUGAGG         CGAA         ICUCCAAC         28597           2765         8265         AGCAGCUC         AUCUUCUC         10223         GAGAAGAU         CUGAUGAG         CGCGUUAGGC         CGAA         IAGCUGC         28599           2766         8264         GCAGCUCUC         AUCUUCUC         10224         AGAGAAGA         CUGAUGAG         CGCGUUAGGC         CGAA         IAGAGAGC         28600           2772         <			<del></del>	<b>├</b> -		
2743         8287         UCCCCCCC         C AUACCGGC         10218         GCCGGUAU CUGAUGAG         GCCGULAGGC         CGAA IGGGGGA         28593           2744         8286         CCCCCCCC         A UACCGGCG         10219         CGCCGGUA         CUGAUGAG         GCCGULAGGC         CGAA IGGGGGG         28594           2748         8282         CCCCAUAC         C GGCGUUGG         10220         CCAACGCC         CUGAUGAG         GCCGULAGGC         CGAA IUAUGGGG         28595           2760         8270         GUUGAGGC         A GCUCCAUC         10221         GAUGAGG         CUGAUGAG         CCGULAGGC         CGAA ICUCCAAC         28596           2763         8267         GGAGCAGC         U CAUCUUC         10223         GAGAAGAU         CUGAUGAG         CGCGULAGGC         CGAA ICUCCUC         28597           2765         8265         AGCAGCUC         A UCUUCUCU         10223         GAGAAGAU         CUGAUGAG         CCGULAGGC         CGAA IAGCUGC         28599           2766         8264         GCACCUUC         U UCUCUCU         10224         AGGAAGA         CUGAUGAG         CCGULAGGC         CGAA IAGGAGC         28600           2772         8258         CCAUCUUC         U CUAUGAC         10225         AGUCAUG	-					
27444         8286         CCCCCCCC         A VACCGGCG         10219         CGCCGGUA         CUGAUGAG         CCCGUVAGGC         CGAA         IGGGGGG         28594           2748         8282         CCCCAUAC         C GGCGUUGG         10220         CCAACGCC         CUGAUGAG         GCCGUVAGGC         CGAA         IUAUGGGG         28595           2760         8270         GUUGGAGC         A GCUCCAUC         10221         GAUGGAGC         CUGAUGAG         GCCGUVAGGC         CGAA         ICUCCAAC         28596           2763         8267         GAGACAGC         U CCAUCUUC         10222         GAGAGAGU         CUGAUGAG         GCCGUVAGGC         CGAA         IAGCUGCU         28597           2765         8265         AGCAGCUC         A UCUUCUCU         10223         GAGAAGAU         CUGAUGAG         GCCGUVAGGC         CGAA         IAGCUGCU         28598           2766         8264         GCAGCUCC         A UCUUCUCU         10224         AGAGAAGA         CUGAUGAG         CGCGUVAGGC         CGAA         IAGAGUGC         28599           2769         8251         GCCAUCUUC         U CUAUGACU         10226         AGUCAUGAG         CUGAUGAG         GCGUUAGGC         CGAA         IAAGAGAU         28601 <t< td=""><td></td><td></td><td><del></del></td><td></td><td></td><td></td></t<>			<del></del>			
2748         8282         CCCCAUAC         C GGCGUUGG         10220         CCAACGCC         CUGAUGAG         GCCGUUAGGC         CGAA         IUAUGGGG         28595           2760         8270         GUUGGAGC         A GCUCCAUC         10221         GAUGGAGC         CUGAUGAG         CGAA         ICUCCAAC         28596           2763         8267         GGAGCAGC         U CCAUCUUC         10222         GAAGAUGG         CUGAUGAG         CGCGUUAGGC         CGAA         ICUGCUCC         28597           2765         8265         AGCAGCUC         A UCUUCUC         10223         GAGAAGAU         CUGAUGAG         GCCGUUAGGC         CGAA         IAGCUGCU         28598           2766         8264         GCAGCUCC         A UCUUCUC         10224         AGAGAAGA         CUGAUGAG         CGCAA         IAGCUGC         28599           2769         8261         GCUCCAUC         U UCUAUGAC         10225         CAUAGAGA         CUGAUGAG         CGAA         IAUGGAGC         28600           27772         8258         CAUCUUC         U AUGACUU         10227         AAAGUCAU         CUGAUGAG         CGAA         IAGAAGAU         28601           2774         8256         AUCUUCUC         U AUGACGAU         102				<del> </del>		<del></del>
2760         8270         GUUGGAGC         A GCUCCAUC         10221         GAUGGAGC         CUGAUGAG         CUGAUGAG         CAAA         ICUCCAAC         28596           2763         8267         GGAGCAGC         U CCAUCUUC         10222         GAAGAUGG         CUGAUGAG         CGAA         ICUGCUCC         28597           2765         8265         AGCAGCUC         A UCUUCUC         10223         GAGAAGAU         CUGAUGAG         GCCGUUAGGC         CGAA         IAGCUGC         28598           2766         8264         GCAGCUCC         A UCUUCUCU         10224         AGAGAAGA         CUGAUGAG         GCCGUUAGGC         CGAA         IAGCUGC         28599           2769         8261         GCUCCAUC         U UCUCUAUG         10225         CAUAGAGA         CUGAUGAG         GCCGUUAGGC         CGAA         IAUGAGAC         28600           2772         8258         CCAUCUUC         U UUCGACUU         10226         AGUCAUAG         CUGAUGAG         GCGUUAGGC         CGAA         IAAGAUGG         28601           2774         8256         AUCUUCUC         U AUGACUU         10227         AAAGUCAU         CUGAUGAG         GCGUUAGGC         CGAA         IACAAAAU         28602           2780				<del></del>		
2763         8267         GGAGCAGC U CCAUCUUC         10222         GAAGAUGG CUGAUGAG GCCGUUAGGC CGAA ICUGCUCC         28597           2765         8265         AGCAGCUC C AUCUUCUC         10223         GAGAAGAU CUGAUGAG GCCGUUAGGC CGAA IAGCUGCU         28598           2766         8264         GCAGCUCC A UCUUCUCU         10224         AGAGAAGA CUGAUGAG GCCGUUAGGC CGAA IAGGCUGC         28599           2769         8261         GCUCCAUC U UCUCUAUG         10225         CAUAGAGA CUGAUGAG GCCGUUAGGC CGAA IAUGGAGC         28600           2772         8258         CCAUCUUC U CUAUGACU         10226         AGUCAUAG CUGAUGAG GCCGUUAGGC CGAA IAGAAGAU         28601           2774         8256         AUCUUCUC U AUGACUUU         10227         AAAGUCAU CUGAUGAG GCCGUUAGGC CGAA IAGAAGAU         28602           2780         8250         UCUAUGAC U UUCGGCAU         10228         AUGCCGAA CUGAUGAG GCCGUUAGGC CGAA IUCAUGA         28603           2797         8233         GUAGGGGC A GAGCACCU         10230         AGGUGCUC CUGAUGAG GCCGUUAGGC CGAA ICCCUAC         28605           2802         8228         GGCAGAGC A CCUUCACG         10231         CGUGAAGG CUGAUGAG GCCGUUAGGC CGAA ICCCUAC         28606           2804         8226         CAGAGCAC C UUCACGCA         10232         UGCGUGAA CUGAUGAG GCCGUUAGGC CGAA IGUCCUU         28608 <td>-</td> <td></td> <td></td> <td><del> </del></td> <td></td> <td>28595</td>	-			<del> </del>		28595
2765         8265         AGCAGCUC C AUCUUCUC         10223         GAGAAGAU CUGAUGAG GCCGUUAGGC CGAA IAGCUGCU         28598           2766         8264         GCAGCUCC A UCUUCUCU         10224         AGAGAAGA CUGAUGAG GCCGUUAGGC CGAA IAGCUGC         28599           2769         8261         GCUCCAUC U UCUCUAUG         10225         CAUAGAGA CUGAUGAG GCCGUUAGGC CGAA IAUGGAGC         28600           2772         8258         CCAUCUUC U CUAUGACU         10226         AGUCAUAG CUGAUGAG GCCGUUAGGC CGAA IAGAUGG         28601           2774         8256         AUCUUCUC U AUGACUU         10227         AAAGUCAU CUGAUGAG GCCGUUAGGC CGAA IAGAAGAU         28602           2780         8250         UCUAUGAC U UUCGGCAU         10228         AUGCCGAA CUGAUGAG GCCGUUAGGC CGAA ICCGAAAG         28603           2787         8243         CUUUCGGC A UGUAGGG 10229         CCCCUACA CUGAUGAG GCCGUUAGGC CGAA ICCCCUAC         28604           2797         8233         GUAGGGGC A GAGCACCU         10230         AGGUGCU CUGAUGAG GCCGUUAGGC CGAA ICCCUAC         28605           2802         8228         GGCAGAGC A CCUUCACG         10231         CGUGAAGG CUGAUGAG GCCGUUAGGC CGAA IUGCUCU         28606           2805         8225         AGAGCACC U UCACGCAA 10233         UUGCGUGA CUGAUGAG GCCGUUAGGC CGAA IAGCUCU         28608           2808<	-	8270	GUUGGAGC A GCUCCAUC	<del> </del>	GAUGGAGC CUGAUGAG GCCGUUAGGC CGAA ICUCCAAC	28596
2766         8264         GCAGCUCC A UCUUCUCU         10224         AGAGAAGA CUGAUGAG GCCGUUAGGC CGAA IGAGCUGC         28599           2769         8261         GCUCCAUC U UCUCUAUG         10225         CAUAGAGA CUGAUGAG GCCGUUAGGC CGAA IAUGGAGC         28600           2772         8258         CCAUCUUC U CUAUGACU         10226         AGUCAUAG CUGAUGAG GCCGUUAGGC CGAA IAAGAUGG         28601           2774         8256         AUCUUCUC U AUGACUUU         10227         AAAGUCAU CUGAUGAG GCCGUUAGGC CGAA IAGAAGAU         28602           2780         8250         UCUAUGAC U UUCGGCAU         10228         AUGCCGAA CUGAUGAG GCCGUUAGGC CGAA IUCAUAGA         28603           2787         8243         CUUUCGGC A UGUAGGG 10229         CCCCUACA CUGAUGAG GCCGUUAGGC CGAA ICCCCUAC         28604           2797         8233         GUAGGGGC A GAGCACCU         10230         AGGUGCU CUGAUGAG GCCGUUAGGC CGAA ICCCUAC         28605           2802         8228         GGCAGAGC A CCUUCACG         10231         CGUGAAGG GUGAUGAG GCCGUUAGGC CGAA IUCCUCU         28606           2804         8226         CAGAGCAC C UUCACGCA 10232         UGCGUGA CUGAUGAG GCCGUUAGGC CGAA IUGCUCU         28608           2808         8225         AGAGCACC U UCACGCA 10233         UUGCGUGA CUGAUGAG GCCGUUAGGC CGAA IAAGGUCC         28608           2812 <td< td=""><td></td><td>8267</td><td>GGAGCAGC U CCAUCUUC</td><td>10222</td><td>GAAGAUGG CUGAUGAG GCCGUUAGGC CGAA ICUGCUCC</td><td>28597</td></td<>		8267	GGAGCAGC U CCAUCUUC	10222	GAAGAUGG CUGAUGAG GCCGUUAGGC CGAA ICUGCUCC	28597
2769         8261         GCUCCAUC         U UCUCUAUG         10225         CAUAGAGA         CUGAUGAG         CCGUUAGGC         CGAA         IAUGGAGC         2860           2772         8258         CCAUCUUC         U CUAUGACU         10226         AGUCAUAG         CUGAUGAG         CGAA         IAAGAUGG         28601           2774         8256         AUCUUCUC         U AUGACUUU         10227         AAAGUCAU         CUGAUGAG         CGAA         IAGAAGAU         28602           2780         8250         UCUAUGAC         U UUCGGCAU         10228         AUGCCGAA         CUGAUGAG         GCCGUUAGGC         CGAA         IUCAUAGA         28603           2787         8243         CUUUCGGC         A UGUAGGG         10229         CCCCUACA         CUGAUGAG         CGAA         ICCCUAC         28604           2797         8233         GUAGGGGC         A GAGCACCU         10230         AGGUGCU         CUGAUGAG         CGAA         ICCCUAC         28605           2802         8228         GGCAGAGC         A CCUUCACG         10231         CGUGAAGG         CUGAUGAG         CGAA         IUCUCUGC         28606           2804         8226         CAGAGCAC         UUCACGCA         10232         UGCGUGA	2765	8265	AGCAGCUC C AUCUUCUC	10223	GAGAAGAU CUGAUGAG GCCGUUAGGC CGAA IAGCUGCU	28598
2772         8258         CCAUCUUC U CUAUGACU         10226         AGUCAUAG CUGAUGAG GCCGUUAGGC         CGAA IAAGAUGG         28601           2774         8256         AUCUUCUC U AUGACUUU         10227         AAAGUCAU CUGAUGAG GCCGUUAGGC         CGAA IAGAAGAU         28602           2780         8250         UCUAUGAC U UUCGGCAU         10228         AUGCCGAA CUGAUGAG GCCGUUAGGC         CGAA IUCAUAGA         28603           2787         8243         CUUUCGGC A UGUAGGG         10229         CCCCUACA CUGAUGAG GCCGUUAGGC         CGAA ICCCUAC         28604           2797         8233         GUAGGGGC A GAGCACCU         10230         AGGUGCUC CUGAUGAG GCCGUUAGGC         CGAA ICCCCUAC         28605           2802         8228         GGCAGAGC A CCUUCACG         10231         CGUGAGG GUGAUGAG GCCGUUAGGC         CGAA ICCUCUC         28606           2804         8226         CAGAGCAC C UUCACGCA         10232         UGCGUGA CUGAUGAG GCCGUUAGGC         CGAA IUGCUCU         28608           2805         8225         AGAGCACC U UCACGCAA 10233         UUGCGUGA CUGAUGAG GCCGUUAGGC         CGAA IAGGUCCU         28608           2808         8222         GCACCUUC A CGCAAAAU         10234         AUUUUGCG CUGAUGAG GCCGUUAGGC         CGAA IAAGGUCC         28609           2812         8218	2766	8264	GCAGCUCC A UCUUCUCU	10224	AGAGAAGA CUGAUGAG GCCGUUAGGC CGAA IGAGCUGC	28599
2772         8258         CCAUCUUC U CUAUGACU         10226         AGUCAUAG CUGAUGAG GCCGUUAGGC CGAA IAAGAUGG         28601           2774         8256         AUCUUCUC U AUGACUUU         10227         AAAGUCAU CUGAUGAG GCCGUUAGGC CGAA IAGAAGAU         28602           2780         8250         UCUAUGAC U UUCGGCAU         10228         AUGCCGAA CUGAUGAG GCCGUUAGGC CGAA IUCAUAGA         28603           2787         8243         CUUUCGGC A UGUAGGG 10229         CCCCUACA CUGAUGAG GCCGUUAGGC CGAA ICCCCUAC         28604           2797         8233         GUAGGGGC A GAGCACCU 10230         AGGUGCUC CUGAUGAG GCCGUUAGGC CGAA ICCCCUAC         28605           2802         8228         GGCAGAGC A CCUUCACG 10231         CGUGAGG CUGAUGAG GCCGUUAGGC CGAA ICUCUGC         28606           2804         8226         CAGAGCAC C UUCACGCA 10232         UGCGUGAA CUGAUGAG GCCGUUAGGC CGAA IUGCUCU         28608           2805         8225         AGAGCACC U UCACGCAA 10233         UUGCGUGA CUGAUGAG GCCGUUAGGC CGAA IGUGCUCU         28608           2808         8222         GCACCUUC A CGCAAAAU         10234         AUUUUGCG CUGAUGAG GCCGUUAGGC CGAA IAAGGUC         28609           2812         8218         CUUCACGC A AAAUUCCC         10235         GGGAAUUU CUGAUGAG GCCGUUAGGC CGAA IAAUUUUU         28611           2820         8210         AAAAUUCC	2769	8261	GCUCCAUC U UCUCUAUG	10225	CAUAGAGA CUGAUGAG GCCGUUAGGC CGAA IAUGGAGC	28600
2774 8256 AUCUUCUC U AUGACUUU 10227 AAAGUCAU CUGAUGAG GCCGUUAGGC CGAA IAGAAGAU 28602 2780 8250 UCUAUGAC U UUCGGCAU 10228 AUGCCGAA CUGAUGAG GCCGUUAGGC CGAA IUCAUAGA 28603 2787 8243 CUUUCGGC A UGUAGGGG 10229 CCCCUACA CUGAUGAG GCCGUUAGGC CGAA ICCGAAAG 28604 2797 8233 GUAGGGGC A GAGCACCU 10230 AGGUGCUC CUGAUGAG GCCGUUAGGC CGAA ICCCCUAC 28605 2802 8228 GGCAGAGC A CCUUCACG 10231 CGUGAAGG CUGAUGAG GCCGUUAGGC CGAA ICCCCUAC 28606 2804 8226 CAGAGCAC C UUCACGCA 10232 UGCGUGAA CUGAUGAG GCCGUUAGGC CGAA IUGCUCUG 28607 2805 8225 AGAGCACC U UCACGCAA 10233 UUGCGUGA CUGAUGAG GCCGUUAGGC CGAA IGUGCUCU 28608 2808 8222 GCACCUUC A CGCAAAAU 10234 AUUUUGCG CUGAUGAG GCCGUUAGGC CGAA IAAGGUGC 28609 2812 8218 CUUCACGC A AAAUUCCC 10235 GGGAAUUU CUGAUGAG GCCGUUAGGC CGAA ICGUGAAG 28610 2819 8211 CAAAAUUC C CUUGGCCC 10236 GGGCCAAG CUGAUGAG GCCGUUAGGC CGAA IAAUUUUG 28611 2820 8210 AAAAUUCC C UUGGCCCU 10237 AGGGCCAA CUGAUGAG GCCGUUAGGC CGAA IGAAUUUU 28612	2772	8258	CCAUCUUC U CUAUGACU	10226	AGUCAUAG CUGAUGAG GCCGUUAGGC CGAA IAAGAUGG	
2780 8250 UCUAUGAC U UUCGGCAU 10228 AUGCCGAA CUGAUGAG GCCGUUAGGC CGAA IUCAUAGA 28603 2787 8243 CUUUCGGC A UGUAGGGG 10229 CCCCUACA CUGAUGAG GCCGUUAGGC CGAA ICCGAAAG 28604 2797 8233 GUAGGGGC A GAGCACCU 10230 AGGUGCUC CUGAUGAG GCCGUUAGGC CGAA ICCCCUAC 28605 2802 8228 GGCAGAGC A CCUUCACG 10231 CGUGAAGG CUGAUGAG GCCGUUAGGC CGAA ICUCUGCC 28606 2804 8226 CAGAGCAC C UUCACGCA 10232 UGCGUGAA CUGAUGAG GCCGUUAGGC CGAA IUGCUCUG 28607 2805 8225 AGAGCACC U UCACGCAA 10233 UUGCGUGA CUGAUGAG GCCGUUAGGC CGAA IGUGCUCU 28608 2808 8222 GCACCUUC A CGCAAAAU 10234 AUUUUGCG CUGAUGAG GCCGUUAGGC CGAA IAAGGUGC 28609 2812 8218 CUUCACGC A AAAUUCCC 10235 GGGAAUUU CUGAUGAG GCCGUUAGGC CGAA ICGUGAAG 28610 2819 8211 CAAAAUUC C CUUGGCCC 10236 GGGCCAAG CUGAUGAG GCCGUUAGGC CGAA IAAUUUUG 28611 2820 8210 AAAAUUCC C UUGGCCCU 10237 AGGGCCAA CUGAUGAG GCCGUUAGGC CGAA IGAAUUUU 28612				<del></del>		
2787 8243 CUUUCGGC A UGUAGGGG 10229 CCCCUACA CUGAUGAG GCCGUUAGGC CGAA ICCGAAAG 28604 2797 8233 GUAGGGGC A GAGCACCU 10230 AGGUGCUC CUGAUGAG GCCGUUAGGC CGAA ICCCCUAC 28605 2802 8228 GGCAGAGC A CCUUCACG 10231 CGUGAAGG CUGAUGAG GCCGUUAGGC CGAA ICUCUGCC 28606 2804 8226 CAGAGCAC C UUCACGCA 10232 UGCGUGAA CUGAUGAG GCCGUUAGGC CGAA IUGCUCUG 28607 2805 8225 AGAGCACC U UCACGCAA 10233 UUGCGUGA CUGAUGAG GCCGUUAGGC CGAA IGUGCUCU 28608 2808 8222 GCACCUUC A CGCAAAAU 10234 AUUUUGCG CUGAUGAG GCCGUUAGGC CGAA IAAGGUGC 28609 2812 8218 CUUCACGC A AAAUUCCC 10235 GGGAAUUU CUGAUGAG GCCGUUAGGC CGAA ICGUGAAG 28610 2819 8211 CAAAAUUC C CUUGGCCC 10236 GGGCCAAG CUGAUGAG GCCGUUAGGC CGAA IAAUUUUG 28611 2820 8210 AAAAUUCC C UUGGCCCU 10237 AGGGCCAA CUGAUGAG GCCGUUAGGC CGAA IGAAUUUU 28612	<u> </u>					
2797 8233 GUAGGGGC A GAGCACCU 10230 AGGUGCUC CUGAUGAG GCCGUUAGGC CGAA ICCCCUAC 28605 2802 8228 GGCAGAGC A CCUUCACG 10231 CGUGAAGG CUGAUGAG GCCGUUAGGC CGAA ICUCUGCC 28606 2804 8226 CAGAGCAC C UUCACGCA 10232 UGCGUGAA CUGAUGAG GCCGUUAGGC CGAA IUGCUCUG 28607 2805 8225 AGAGCACC U UCACGCAA 10233 UUGCGUGA CUGAUGAG GCCGUUAGGC CGAA IUGCUCUU 28608 2808 8222 GCACCUUC A CGCAAAAU 10234 AUUUUGCG CUGAUGAG GCCGUUAGGC CGAA IAAGGUGC 28609 2812 8218 CUUCACGC A AAAUUCCC 10235 GGGAAUUU CUGAUGAG GCCGUUAGGC CGAA ICGUGAAG 28610 2819 8211 CAAAAUUC C CUUGGCCC 10236 GGGCCAAG CUGAUGAG GCCGUUAGGC CGAA IAAUUUUU 28611 2820 8210 AAAAUUCC C UUGGCCCU 10237 AGGGCCAA CUGAUGAG GCCGUUAGGC CGAA IGAAUUUU 28612				<del></del>		
2802 8228 GGCAGAGC A CCUUCACG 10231 CGUGAAGG CUGAUGAG GCCGUUAGGC CGAA ICUCUGCC 28606 2804 8226 CAGAGCAC C UUCACGCA 10232 UGCGUGAA CUGAUGAG GCCGUUAGGC CGAA IUGCUCUG 28607 2805 8225 AGAGCACC U UCACGCAA 10233 UUGCGUGA CUGAUGAG GCCGUUAGGC CGAA IGUGCUCU 28608 2808 8222 GCACCUUC A CGCAAAAU 10234 AUUUUGCG CUGAUGAG GCCGUUAGGC CGAA IAAGGUGC 28609 2812 8218 CUUCACGC A AAAUUCCC 10235 GGGAAUUU CUGAUGAG GCCGUUAGGC CGAA ICGUGAAG 28610 2819 8211 CAAAAUUC C CUUGGCCC 10236 GGGCCAAG CUGAUGAG GCCGUUAGGC CGAA IAAUUUUG 28611 2820 8210 AAAAUUCC C UUGGCCCU 10237 AGGGCCAA CUGAUGAG GCCGUUAGGC CGAA IGAAUUUU 28612						
2804 8226 CAGAGCAC C UUCACGCA 10232 UGCGUGAA CUGAUGAG GCCGUUAGGC CGAA IUGCUCUG 28607 2805 8225 AGAGCACC U UCACGCAA 10233 UUGCGUGA CUGAUGAG GCCGUUAGGC CGAA IGUGCUCU 28608 2808 8222 GCACCUUC A CGCAAAAU 10234 AUUUUGCG CUGAUGAG GCCGUUAGGC CGAA IAAGGUGC 28609 2812 8218 CUUCACGC A AAAUUCCC 10235 GGGAAUUU CUGAUGAG GCCGUUAGGC CGAA ICGUGAAG 28610 2819 8211 CAAAAUUC C CUUGGCCC 10236 GGGCCAAG CUGAUGAG GCCGUUAGGC CGAA IAAUUUUG 28611 2820 8210 AAAAUUCC C UUGGCCCU 10237 AGGGCCAA CUGAUGAG GCCGUUAGGC CGAA IGAAUUUU 28612			<del></del>	<del></del>		
2805 8225 AGAGCACC U UCACGCAA 10233 UUGCGUGA CUGAUGAG GCCGUUAGGC CGAA IGUGCUCU 28608 2808 8222 GCACCUUC A CGCAAAAU 10234 AUUUUGCG CUGAUGAG GCCGUUAGGC CGAA IAAGGUGC 28609 2812 8218 CUUCACGC A AAAUUCCC 10235 GGGAAUUU CUGAUGAG GCCGUUAGGC CGAA ICGUGAAG 28610 2819 8211 CAAAAUUC C CUUGGCCC 10236 GGGCCAAG CUGAUGAG GCCGUUAGGC CGAA IAAUUUUU 28611 2820 8210 AAAAUUCC C UUGGCCCU 10237 AGGGCCAA CUGAUGAG GCCGUUAGGC CGAA IGAAUUUU 28612			<del></del>			
2808 8222 GCACCUUC A CGCAAAAU 10234 AUUUUGCG CUGAUGAG GCCGUUAGGC CGAA IAAGGUGC 28609 2812 8218 CUUCACGC A AAAUUCCC 10235 GGGAAUUU CUGAUGAG GCCGUUAGGC CGAA ICGUGAAG 28610 2819 8211 CAAAAUUC C CUUGGCCC 10236 GGGCCAAG CUGAUGAG GCCGUUAGGC CGAA IAAUUUUUG 28611 2820 8210 AAAAUUCC C UUGGCCCU 10237 AGGGCCAA CUGAUGAG GCCGUUAGGC CGAA IGAAUUUUU 28612	J		~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~	<del></del>		
2812 8218 CUUCACGC A AAAUUCCC 10235 GGGAAUUU CUGAUGAG GCCGUUAGGC CGAA ICGUGAAG 28610 2819 8211 CAAAAUUC C CUUGGCCC 10236 GGGCCAAG CUGAUGAG GCCGUUAGGC CGAA IAAUUUUG 28611 2820 8210 AAAAUUCC C UUGGCCCU 10237 AGGGCCAA CUGAUGAG GCCGUUAGGC CGAA IGAAUUUU 28612				<del></del>		
2819 8211 CAAAAUUC C CUUGGCCC 10236 GGGCCAAG CUGAUGAG GCCGUUAGGC CGAA IAAUUUUG 28611 2820 8210 AAAAUUCC C UUGGCCCU 10237 AGGGCCAA CUGAUGAG GCCGUUAGGC CGAA IGAAUUUU 28612				<del></del>	<u></u>	
2820 8210 AAAAUUCC C UUGGCCCU 10237 AGGGCCAA CUGAUGAG GCCGUUAGGC CGAA IGAAUUUU 28612				<del></del>		
			<del></del>	<del></del>		
2821   8209   AAAUUCCC U UGGCCCUC   10238   GAGGGCCA CUGAUGAG GCCGUUAGGC CGAA IGGAAUUU   28613						28612
	2821	8209	AAAUUCCC U UGGCCCUC	10238	GAGGGCCA CUGAUGAG GCCGUUAGGC CGAA IGGAAUUU	28613

2006	0004	CCCUUGGC C CUCGGUGC	10239	GCACCGAG CUGAUGAG GCCGUUAGGC CGAA ICCAAGGG	28614
2826	8204		10239	UGCACCGA CUGAUGAG GCCGUUAGGC CGAA ICCAAGGG	28615
2827	8203	CUUGGCC C UCGGUGCAG	10240	CUGCACCG CUGAUGAG GCCGUUAGGC CGAA IGCCAAG	28616
2828	8202			GGACUGGC CUGAUGAG GCCGUUAGGC CGAA ICACCGAG	28617
2835	8195	CUCGGUGC A GCCAGUCC	10242		
2838	8192	GGUGCAGC C AGUCCUCA	10243		28618
2839	8191	GUGCAGCC A GUCCUCAA	10244	UUGAGGAC CUGAUGAG GCCGUUAGGC CGAA IGCUGCAC	28619
2843	8187	AGCCAGUC C UCAACCAU	10245	AUGGUUGA CUGAUGAG GCCGUUAGGC CGAA IACUGGCU	28620
2844	8186	GCCAGUCC U CAACCAUU	10246	AAUGGUUG CUGAUGAG GCCGUUAGGC CGAA IGACUGGC	28621
2846	8184	CAGUCCUC A ACCAUUUC	10247	GAAAUGGU CUGAUGAG GCCGUUAGGC CGAA IAGGACUG	28622
2849	8181	UCCUCAAC C AUUUCAAG	10248	CUUGAAAU CUGAUGAG GCCGUUAGGC CGAA IUUGAGGA	28623
2850	8180	CCUCAACC A UUUCAAGG	10249	CCUUGAAA CUGAUGAG GCCGUUAGGC CGAA IGUUGAGG	28624
2855	8175	ACCAUUUC A AGGACCCG	10250	CGGGUCCU CUGAUGAG GCCGUUAGGC CGAA IAAAUGGU	28625
2861	8169	UCAAGGAC C CGAAUCGU	10251	ACGAUUCG CUGAUGAG GCCGUUAGGC CGAA IUCCUUGA	28626
2862	8168	CAAGGACC C GAAUCGUC	10252	GACGAUUC CUGAUGAG GCCGUUAGGC CGAA IGUCCUUG	28627
2871	8159	GAAUCGUC C UAUGCUCU	10253	AGAGCAUA CUGAUGAG GCCGUUAGGC CGAA IACGAUUC	28628
2872	8158	AAUCGUCC U AUGCUCUU	10254	AAGAGCAU CUGAUGAG GCCGUUAGGC CGAA IGACGAUU	28629
2877	8153	UCCUAUGC U CUUCAACC	10255	GGUUGAAG CUGAUGAG GCCGUUAGGC CGAA ICAUAGGA	28630
2879	8151	CUAUGCUC U UCAACCUC	10256	GAGGUUGA CUGAUGAG GCCGUUAGGC CGAA IAGCAUAG	28631
2882	8148	UGCUCUUC A ACCUCAGC	10257	GCUGAGGU CUGAUGAG GCCGUUAGGC CGAA IAAGAGCA	28632
2885	8145	UCUUCAAC C UCAGCACU	10258	AGUGCUGA CUGAUGAG GCCGUUAGGC CGAA IUUGAAGA	28633
2886	8144	CUUCAACC U CAGCACUU	10259	AAGUGCUG CUGAUGAG GCCGUUAGGC CGAA IGUUGAAG	28634
2888	8142	UCAACCUC A GCACUUGA	10260	UCAAGUGC CUGAUGAG GCCGUUAGGC CGAA IAGGUUGA	28635
2891	8139	ACCUCAGC A CUUGACGA	10261	UCGUCAAG CUGAUGAG GCCGUUAGGC CGAA ICUGAGGU	28636
2893	8137	CUCAGCAC U UGACGAGG	10262	CCUCGUCA CUGAUGAG GCCGUUAGGC CGAA IUGCUGAG	28637
2904	8126	ACGAGGAC U CUCCGAUG	10263	CAUCGGAG CUGAUGAG GCCGUUAGGC CGAA IUCCUCGU	28638
2906	8124	GAGGACUC U CCGAUGUC	10264	GACAUCGG CUGAUGAG GCCGUUAGGC CGAA IAGUCCUC	28639
2908	8122	GGACUCUC C GAUGUCAC	10265	GUGACAUC CUGAUGAG GCCGUUAGGC CGAA IAGAGUCC	28640
2915	8115	CCGAUGUC A CAAAGGAG	10266	CUCCUUUG CUGAUGAG GCCGUUAGGC CGAA IACAUCGG	28641
2917	8113	GAUGUCAC A AAGGAGGG	10267	CCCUCCUU CUGAUGAG GCCGUUAGGC CGAA IUGACAUC	28642
2930	8100	AGGGUGUC A CAACACUC	10268	GAGUGUUG CUGAUGAG GCCGUUAGGC CGAA IACACCCU	28643
2932	8098	GGUGUCAC A ACACUCAG	10269	CUGAGUGU CUGAUGAG GCCGUUAGGC CGAA IUGACACC	28644
2935	8095	GUCACAAC A CUCAGAAG	10270	CUUCUGAG CUGAUGAG GCCGUUAGGC CGAA IUUGUGAC	28645
2937	8093	CACAACAC U CAGAAGGU	10271	ACCUUCUG CUGAUGAG GCCGUUAGGC CGAA IUGUUGUG	28646
2939	8091	CAACACUC A GAAGGUCU	10272	AGACCUUC CUGAUGAG GCCGUUAGGC CGAA IAGUGUUG	28647
2947	8083	AGAAGGUC U GUAGAACA	10273	UGUUCUAC CUGAUGAG GCCGUUAGGC CGAA IACCUUCU	28648
2955	8075	UGUAGAAC A CAUCCACU	10274	AGUGGAUG CUGAUGAG GCCGUUAGGC CGAA IUUCUACA	28649
2957	8073	UAGAACAC A UCCACUCC	10275	GGAGUGGA CUGAUGAG GCCGUUAGGC CGAA IUGUUCUA	28650
2960	8070	AACACAUC C ACUCCACU	10276	AGUGGAGU CUGAUGAG GCCGUUAGGC CGAA IAUGUGUU	28651
2961	8069	ACACAUCC A CUCCACUC	10277	GAGUGGAG CUGAUGAG GCCGUUAGGC CGAA IGAUGUGU	28652
2963	8067	ACAUCCAC U CCACUCUU	10278	AAGAGUGG CUGAUGAG GCCGUUAGGC CGAA IUGGAUGU	28653
2965	8065	AUCCACUC C ACUCUUCA	10279	UGAAGAGU CUGAUGAG GCCGUUAGGC CGAA IAGUGGAU	28654
2966	8064	UCCACUCC A CUCUUCAU	10280	AUGAAGAG CUGAUGAG GCCGUUAGGC CGAA IGAGUGGA	28655
2968	8062	CACUCCAC U CUUCAUGG	10281	CCAUGAAG CUGAUGAG GCCGUUAGGC CGAA IUGGAGUG	28656
2970	8060	CUCCACUC U UCAUGGUG	10282	CACCAUGA CUGAUGAG GCCGUUAGGC CGAA IAGUGGAG	28657
2973	8057	CACUCUUC A UGGUGACA	10283	UGUCACCA CUGAUGAG GCCGUUAGGC CGAA IAAGAGUG	28658
2981	8049	AUGGUGAC A AUGUUCCA	10284	UGGAACAU CUGAUGAG GCCGUUAGGC CGAA IUCACCAU	28659
2988	8042	CAAUGUUC C AUCCAUAA	10285	UUAUGGAU CUGAUGAG GCCGUUAGGC CGAA IAACAUUG	28660
2989	8041	AAUGUUCC A UCCAUAAC	10286	GUUAUGGA CUGAUGAG GCCGUUAGGC CGAA IGAACAUU	28661
2992	8038	GUUCCAUC C AUAACUUU	10287	AAAGUUAU CUGAUGAG GCCGUUAGGC CGAA IAUGGAAC	28662
2993	8037	UUCCAUCC A UAACUUUG	10288	CAAAGUUA CUGAUGAG GCCGUUAGGC CGAA IGAUGGAA	28663
2998	8032	UCCAUAAC U UUGCACUA	10289	UAGUGCAA CUGAUGAG GCCGUUAGGC CGAA IUUAUGGA	28664
3003	8027	AACUUUGC A CUAGUUGG	10290	CCAACUAG CUGAUGAG GCCGUUAGGC CGAA ICAAAGUU	28665
3005	8025	CUUUGCAC U AGUUGGGG	10291	CCCCAACU CUGAUGAG GCCGUUAGGC CGAA IUGCAAAG	28666
3015	8015	GUUGGGGC U CUUCAUGU	10292	ACAUGAAG CUGAUGAG GCCGUUAGGC CGAA ICCCCAAC	28667
3017	8013	UGGGGCUC U UCAUGUCC	10293	GGACAUGA CUGAUGAG GCCGUUAGGC CGAA IAGCCCCA	28668
3020	8010	GGCUCUUC A UGUCCGGG	10294	CCCGGACA CUGAUGAG GCCGUUAGGC CGAA IAAGAGCC	28669
3025	8005	UUCAUGUC C GGGACCGC	10295	GCGGUCCC CUGAUGAG GCCGUUAGGC CGAA IACAUGAA	28670
3031	7999	UCCGGGAC C GCCCUUUG	10296	CAAAGGGC CUGAUGAG GCCGUUAGGC CGAA IUCCCGGA	28671
3034	7996	GGGACCGC C CUUUGUGU	10297	ACACAAAG CUGAUGAG GCCGUUAGGC CGAA ICGGUCCC	28672
3035	7995	GGACCGCC C UUUGUGUA	10298	UACACAAA CUGAUGAG GCCGUUAGGC CGAA IGCGGUCC	28673
3036	7994	GACCGCCC U UUGUGUAC	10299	GUACACAA CUGAUGAG GCCGUUAGGC CGAA IGGCGGUC	28674

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				Table LX
3045	7985	UUGUGUAC C CUCUGACU	10300	AGUCAGAG CUGAUGAG GCCGUUAGGC CGAA IUACACAA 28675
3046	7984	UGUGUACC C UCUGACUU	10301	AAGUCAGA CUGAUGAG GCCGUUAGGC CGAA IGUACACA 28676
3047	7983	GUGUACCC U CUGACUUC	10302	GAAGUCAG CUGAUGAG GCCGUUAGGC CGAA IGGUACAC 28677
3049	7981	GUACCCUC U GACUUCUU	10303	AAGAAGUC CUGAUGAG GCCGUUAGGC CGAA IAGGGUAC 28678
3053	7977	CCUCUGAC U UCUUGGAC	10304	GUCCAAGA CUGAUGAG GCCGUUAGGC CGAA IUCAGAGG 28679
3056	7974	CUGACUUC U UGGACUCU	10305	AGAGUCCA CUGAUGAG GCCGUUAGGC CGAA IAAGUCAG 28680
				CAAAAAAG CUGAUGAG GCCGUUAGGC CGAA IUCCAAGA 28681
3062	7968	UCUUGGAC U CUUUUUUG	10306	
3064	7966	UUGGACUC U UUUUUGGG	10307	CCCAAAAA CUGAUGAG GCCGUUAGGC CGAA IAGUCCAA 28682
3077	7953	UGGGUUGC C AUAUAGUA	10308	UACUAUAU CUGAUGAG GCCGUUAGGC CGAA ICAACCCA 28683
3078	7952	GGGUUGCC A UAUAGUAA	10309	UUACUAUA CUGAUGAG GCCGUUAGGC CGAA IGCAACCC 28684
3088	7942	AUAGUAAC A CCAACCGC	10310	GCGGUUGG CUGAUGAG GCCGUUAGGC CGAA IUUACUAU 28685
3090	7940	AGUAACAC C AACCGCCU	10311	AGGCGGUU CUGAUGAG GCCGUUAGGC CGAA IUGUUACU 28686
3091	7939	GUAACACC A ACCGCCUC	10312	GAGGCGGU CUGAUGAG GCCGUUAGGC CGAA IGUGUUAC 28687
3094	7936	ACACCAAC C GCCUCUUC	10313	GAAGAGGC CUGAUGAG GCCGUUAGGC CGAA IUUGGUGU 28688
3097	7933	CCAACCGC C UCUUCCAC	10314	GUGGAAGA CUGAUGAG GCCGUUAGGC CGAA ICGGUUGG 28689
3098	7932	CAACCGCC U CUUCCACA	10315	UGUGGAAG CUGAUGAG GCCGUUAGGC CGAA IGCGGUUG 28690
3100	7930	ACCGCCUC U UCCACAUC	10316	GAUGUGGA CUGAUGAG GCCGUUAGGC CGAA IAGGCGGU 28691
3103	7927	GCCUCUUC C ACAUCCAA	10317	UUGGAUGU CUGAUGAG GCCGUUAGGC CGAA IAAGAGGC 28692
3104	7926	CCUCUUCC A CAUCCAAG	10318	CUUGGAUG CUGAUGAG GCCGUUAGGC CGAA IGAAGAGG 28693
3106	7924	UCUUCCAC A UCCAAGGU	10319	ACCUUGGA CUGAUGAG GCCGUUAGGC CGAA IUGGAAGA 28694
3109	7921	UCCACAUC C AAGGUCAA	10320	UUGACCUU CUGAUGAG GCCGUUAGGC CGAA IAUGUGGA 28695
3110	7920	CCACAUCC A AGGUCAAU	10321	AUUGACCU CUGAUGAG GCCGUUAGGC CGAA IGAUGUGG 28696
3116	7914	CCAAGGUC A AUCACUUU	10322	AAAGUGAU CUGAUGAG GCCGUUAGGC CGAA IACCUUGG 28697
3120	7910	GGUCAAUC A CUUUUCCG	10323	CGGAAAAG CUGAUGAG GCCGUUAGGC CGAA IAUUGACC 28698
3122	7908	UCAAUCAC U UUUCCGAC	10324	GUCGGAAA CUGAUGAG GCCGUUAGGC CGAA IUGAUUGA 28699
3127	7903	CACUUUUC C GACCGGUU	10325	AACCGGUC CUGAUGAG GCCGUUAGGC CGAA IAAAAGUG 28700
3131	7899	UUUCCGAC C GGUUCGAG	10326	CUCGAACC CUGAUGAG GCCGUUAGGC CGAA IUCGGAAA 28701
3144		<del></del>		
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3147	7883	GAAACCUC C GUUCGACC	10329	GGUCGAAC CUGAUGAG GCCGUUAGGC CGAA IAGGUUUC 28704
3155	7875	CGUUCGAC C AGCCAUCU	10330	AGAUGGCU CUGAUGAG GCCGUUAGGC CGAA IUCGAACG 28705
3156	7874	GUUCGACC A GCCAUCUC	10331	GAGAUGGC CUGAUGAG GCCGUUAGGC CGAA IGUCGAAC 28706
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3163	7867	CAGCCAUC U CAGUUUUG	10334	CAAAACUG CUGAUGAG GCCGUUAGGC CGAA IAUGGCUG 28709
3165	7865	GCCAUCUC A GUUUUGCU	10335	AGCAAAAC CUGAUGAG GCCGUUAGGC CGAA IAGAUGGC 28710
3173	7857	AGUUUUGC U GUGCCCCU	10336	AGGGGCAC CUGAUGAG GCCGUUAGGC CGAA ICAAAACU 28711
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3179	7851	GCUGUGCC C CUAGAGAC	10338	GUCUCUAG CUGAUGAG GCCGUUAGGC CGAA IGCACAGC 28713
3180	7850	CUGUGCCC C UAGAGACU	10339	AGUCUCUA CUGAUGAG GCCGUUAGGC CGAA IGGCACAG 28714
3181	7849	UGUGCCCC U AGAGACUG	10340	CAGUCUCU CUGAUGAG GCCGUUAGGC CGAA IGGGCACA 28715
3188	7842	CUAGAGAC U GGAUGCCC	10341	GGGCAUCC CUGAUGAG GCCGUUAGGC CGAA IUCUCUAG 28716
3195	7835	CUGGAUGC C CUCCAGUG	10342	CACUGGAG CUGAUGAG GCCGUUAGGC CGAA ICAUCCAG 28717
3196	7834	UGGAUGCC C UCCAGUGA	10343	UCACUGGA CUGAUGAG GCCGUUAGGC CGAA IGCAUCCA 28718
3197	7833	GGAUGCCC U CCAGUGAC	10344	GUCACUGG CUGAUGAG GCCGUUAGGC CGAA IGGCAUCC 28719
3199	7831	AUGCCCUC C AGUGACAU	10345	AUGUCACU CUGAUGAG GCCGUUAGGC CGAA IAGGGCAU 28720
3200	7830	UGCCCUCC A GUGACAUU	10346	AAUGUCAC CUGAUGAG GCCGUUAGGC CGAA IGAGGGCA 28721
3206	7824	CCAGUGAC A UUGCCUUC	10347	GAAGGCAA CUGAUGAG GCCGUUAGGC CGAA IUCACUGG 28722
3211	7819	GACAUUGC C UUCUUUCC	10348	GGAAAGAA CUGAUGAG GCCGUUAGGC CGAA ICAAUGUC 28723
3212	7818	ACAUUGCC U UCUUUCCU	10349	
3215	7815	UUGCCUUC U UUCCUGGC	10350	GCCAGGAA CUGAUGAG GCCGUUAGGC CGAA IAAGGCAA 28725
3219	7811	CUUCUUUC C UGGCGUGU	10351	ACACGCCA CUGAUGAG GCCGUUAGGC CGAA IAAAGAAG 28726
3220	7810	UUCUUUCC U GGCGUGUU	10352	AACACGCC CUGAUGAG GCCGUUAGGC CGAA IGAAAGAA 28727
3233	7797	UGUUUUGC C GCUGAGCG	10352	
3236	7794	UUUGCCGC U GAGCGAUC	10353	
3248	7782			GAUCGCUC CUGAUGAG GCCGUUAGGC CGAA ICGGCAAA 28729
3248	<del></del>	CGAUCGAC U UCGAUGAU	10355	AUCAUCGA CUGAUGAG GCCGUUAGGC CGAA IUCGAUCG 28730
	7770	AUGAUGGC C UCUUUGCG	10356	CGCAAAGA CUGAUGAG GCCGUUAGGC CGAA ICCAUCAU 28731
3261	7769	UGAUGGCC U CUUUGCGG	10357	CCGCAAAG CUGAUGAG GCCGUUAGGC CGAA IGCCAUCA 28732
3263	7767	AUGGCCUC U UUGCGGUA	10358	UACCGCAA CUGAUGAG GCCGUUAGGC CGAA IAGGCCAU 28733
2222	00			
3273 3274	7757 7756	UGCGGUAC C UAGUGAACU GCGGUACC U AGUGAACU	10359	GUUCACUA CUGAUGAG GCCGUUAGGC CGAA IUACCGCA 28734 AGUUCACU CUGAUGAG GCCGUUAGGC CGAA IGUACCGC 28735

3282 7748 UAGUGAAC U CUUCUUUU 10361 AAAAGAAG CUGAUGAG GCCGUUAGGC CGAA IUUCAC	UA   28736
3284 7746 GUGAACUC U UCUUUUGU 10362 ACAAAAGA CUGAUGAG GCCGUUAGGC CGAA IAGUUC	AC 28737
3287 7743 AACUCUUC U UUUGUCAU 10363 AUGACAAA CUGAUGAG GCCGUUAGGC CGAA IAAGAG	ໜ 28738
3294 7736 CUUUUGUC A UCUGGUUG 10364 CAACCAGA CUGAUGAG GCCGUUAGGC CGAA IACAAA	AG 28739
3297 7733 UUGUCAUC U GGUUGAGU 10365 ACUCAACC CUGAUGAG GCCGUUAGGC CGAA IAUGAC	AA 28740
3307 7723 GUUGAGUC U UUCUUUCC 10366 GGAAAGAA CUGAUGAG GCCGUUAGGC CGAA IACUCA	AC 28741
3311 7719 AGUCUUUC U UUCCAAAC 10367 GUUUGGAA CUGAUGAG GCCGUUAGGC CGAA IAAAGA	CU 28742
3315 7715 UUUCUUUC C AAACCUCU 10368 AGAGGUUU CUGAUGAG GCCGUUAGGC CGAA IAAAGA	
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3325 7705 AACCUCUC C CAAGGUGC 10373 GCACCUUG CUGAUGAG GCCGUUAGGC CGAA IAGAGG	
3326 7704 ACCUCUCC C AAGGUGCG 10374 CGCACCUU CUGAUGAG GCCGUUAGGC CGAA IGAGAG	
3327 7703 CCUCUCCC A AGGUGCGU 10375 ACGCACCU CUGAUGAG GCCGUUAGGC CGAA IGGAGA	
3337 7693 GGUGCGUC C UUUUGCCC 10376 GGGCAAAA CUGAUGAG GCCGUUAGGC CGAA IACGCA	
3338 7692 GUGCGUCC U UUUGCCCC 10377 GGGGCAAA CUGAUGAG GCCGUUAGGC CGAA IGACGC	AC 28752
3344 7686 CCUUUUGC C CCACCUCU 10378 AGAGGUGG CUGAUGAG GCCGUUAGGC CGAA ICAAAA	GG 28753
3345 7685 CUUUUGCC C CACCUCUU 10379 AAGAGGUG CUGAUGAG GCCGUUAGGC CGAA IGCAAA	AG 28754
3346 7684 UUUUGCCC C ACCUCUUU 10380 AAAGAGGU CUGAUGAG GCCGUUAGGC CGAA IGGCAA	AA 28755
3347 7683 UUUGCCCC A CCUCUUUU 10381 AAAAGAGG CUGAUGAG GCCGUUAGGC CGAA IGGGCA	AA 28756
3349 7681 UGCCCCAC C UCUUUUUA 10382 UAAAAAGA CUGAUGAG GCCGUUAGGC CGAA IUGGGG	
3350 7680 GCCCCACC U CUUUUUAG 10383 CUAAAAAG CUGAUGAG GCCGUUAGGC CGAA IGUGGG	
3352 7678 CCCACCUC U UUUUAGUC 10384 GACUAAAA CUGAUGAG GCCGUUAGGC CGAA IAGGUG	
3361 7669 UUUUAGUC C UGGUUUUU 10385 AAAAACCA CUGAUGAG GCCGUUAGGC CGAA IACUAA	
<u></u>	
3362 7668 UUUAGUCC U GGUUUUUC 10386 GAAAAACC CUGAUGAG GCCGUUAGGC CGAA IGACUA	
3371 7659 GGUUUUUC C AUGUUCUU 10387 AAGAACAU CUGAUGAG GCCGUUAGGC CGAA IAAAAA	
3372 7658 GUUUUUCC A UGUUCUUU 10388 AAAGAACA CUGAUGAG GCCGUUAGGC CGAA IGAAAA	
3378 7652 CCAUGUUC U UUAUGAGU 10389 ACUCAUAA CUGAUGAG GCCGUUAGGC CGAA IAACAU	
3390 7640 UGAGUGUC C AUGUUAUG 10390 CAUAACAU CUGAUGAG GCCGUUAGGC CGAA IACACU	
3391 7639 GAGUGUCC A UGUUAUGG 10391 CCAUAACA CUGAUGAG GCCGUUAGGC CGAA IGACAC	UC 28766
3406 7624 GGAUAGAC A UGACAACC 10392 GGUUGUCA CUGAUGAG GCCGUUAGGC CGAA IUCUAU	CC 28767
3411 7619 GACAUGAC A ACCAACCC 10393 GGGUUGGU CUGAUGAG GCCGUUAGGC CGAA IUCAUG	UC 28768
3414 7616 AUGACAAC C AACCCCCA 10394 UGGGGGUU CUGAUGAG GCCGUUAGGC CGAA IUUGUC	AU 28769
3415 7615 UGACAACC A ACCCCCAC 10395 GUGGGGGU CUGAUGAG GCCGUUAGGC CGAA IGUUGU	CA 28770
3418 7612 CAACCAAC C CCCACGCA 10396 UGCGUGGG CUGAUGAG GCCGUUAGGC CGAA IUUGGU	UG 28771
3419 7611 AACCAACC C CCACGCAU 10397 AUGCGUGG CUGAUGAG GCCGUUAGGC CGAA IGUUGG	UU 28772
3420 7610 ACCAACCC C CACGCAUG 10398 CAUGCGUG CUGAUGAG GCCGUUAGGC CGAA IGGUUG	GU 28773
3421 7609 CCAACCCC C ACGCAUGA 10399 UCAUGCGU CUGAUGAG GCCGUUAGGC CGAA IGGGUU	
3422 7608 CAACCCCC A CGCAUGAU 10400 AUCAUGCG CUGAUGAG GCCGUUAGGC CGAA IGGGGU	
3426 7604 CCCCACGC A UGAUGUGG 10401 CCACAUCA CUGAUGAG GCCGUUAGGC CGAA ICGUGG	
3436 7594 GAUGUGGC A GAGUCCGA 10402 UCGGACUC CUGAUGAG GCCGUUAGGC CGAA ICCACA	
3449 7581 CCGAUGGC A GUUGUUGC 10404 GCAACAAC CUGAUGAG GCCGUUAGGC CGAA ICCAUC	
3462 7568 UUGCGUUC C AAACAGAG 10405 CUCUGUUU CUGAUGAG GCCGUUAGGC CGAA IAACGC	
3463 7567 UGCGUUCC A AACAGAGC 10406 GCUCUGUU CUGAUGAG GCCGUUAGGC CGAA IGAACG	
3467 7563 UUCCAAAC A GAGCUUGC 10407 GCAAGCUC CUGAUGAG GCCGUUAGGC CGAA IUUUGG	
3472 7558 AACAGAGC U UGCUCCAU 10408 AUGGAGCA CUGAUGAG GCCGUUAGGC CGAA ICUCUG	
3476 7554 GAGCUUGC U CCAUUCUC 10409 GAGAAUGG CUGAUGAG GCCGUUAGGC CGAA ICAAGC	UC 28784
3478 7552 GCUUGCUC C AUUCUCCC 10410 GGGAGAAU CUGAUGAG GCCGUUAGGC CGAA IAGCAA	GC 28785
3479   7551   CUUGCUCC A UUCUCCCA   10411   UGGGAGAA CUGAUGAG GCCGUUAGGC CGAA IGAGCA	AG 28786
3483 7547 CUCCAUUC U CCCAAAGC 10412 GCUUUGGG CUGAUGAG GCCGUUAGGC CGAA IAAUGG	AG 28787
3485 7545 CCAUUCUC C CAAAGCGU 10413 ACGCUUUG CUGAUGAG GCCGUUAGGC CGAA IAGAAU	GG 28788
3486 7544 CAUUCUCC C AAAGCGUC 10414 GACGCUUU CUGAUGAG GCCGUUAGGC CGAA IGAGAA	
3487 7543 AUUCUCCC A AAGCGUCA 10415 UGACGCUU CUGAUGAG GCCGUUAGGC CGAA IGGAGA	
3495 7535 AAAGCGUC A CCGCUGCG 10416 CGCAGCGG CUGAUGAG GCCGUUAGGC CGAA IACGCU	-
3497 7533 AGCGUCAC C GCUGCGGC 10417 GCCGCAGC CUGAUGAG GCCGUUAGGC CGAA IUGACG	
3500 7530 GUCACCGC U GCGGCCGU 10418 ACGGCCGC CUGAUGAG GCCGUUAGGC CGAA ICGGUG	
3513 7517 CCGUGAUC A AAAUUCCG 10420 CGGAAUUU CUGAUGAG GCCGUUAGGC CGAA IAUCAC	
3520 7510 CAAAAUUC C GGCUUCUC 10421 GAGAAGCC CUGAUGAG GCCGUUAGGC CGAA IAAUUU	UG 28796

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Table IX

2554	T = 0.6	NITIGAGO II HOTOGUNG	10422	TOWN COLOR OF COLORS OF COLORS AND ADDRESS OF THE PROPERTY OF	<del></del>
3524	7506	AUUCCGGC U UCUCGUAC	10422		28797
3527	7503	CCGGCUUC U CGUACUGU	10423		28798
3533	7497	UCUCGUAC U GUCUUCAC	10424	GUGAAGAC CUGAUGAG GCCGUUAGGC CGAA IUACGAGA	28799
3537	7493	GUACUGUC U UCACAGAC	10425	GUCUGUGA CUGAUGAG GCCGUUAGGC CGAA IACAGUAC	28800
3540	7490	CUGUCUUC A CAGACGGG	10426	CCCGUCUG CUGAUGAG GCCGUUAGGC CGAA IAAGACAG	28801
3542	7488	GUCUUCAC A GACGGGUU	10427	AACCCGUC CUGAUGAG GCCGUUAGGC CGAA IUGAAGAC	28802
3552	7478	ACGGGUUC A CUACUACU	10428		28803
3554	7476	GGGUUCAC U ACUACUGC	10429		28804
3557	7473	UUCACUAC U ACUGCAGC	10430		28805
3560	7470	ACUACUAC U GCAGCUAG	10431	CUAGCUGC CUGAUGAG GCCGUUAGGC CGAA IUAGUAGU	28806
3563	7467	ACUACUGC A GCUAGAGA	10432	UCUCUAGC CUGAUGAG GCCGUUAGGC CGAA ICAGUAGU	28807
3566	7464	ACUGCAGC U AGAGACAC	10433	GUGUCUCU CUGAUGAG GCCGUUAGGC CGAA ICUGCAGU	28808
3573	7457	CUAGAGAC A CCAAGAUC	10434	GAUCUUGG CUGAUGAG GCCGUUAGGC CGAA IUCUCUAG	28809
3575	7455	AGAGACAC C AAGAUCAG	10435	CUGAUCUU CUGAUGAG GCCGUUAGGC CGAA IUGUCUCU	28810
3576	7454	GAGACACC A AGAUCAGC	10436		28811
	7448		10437		
3582	<b></b>	CCAAGAUC A GCAUGAUC	<del></del>		28812
3585	7445	AGAUCAGC A UGAUCUGU	10438		28813
3591	7439	GCAUGAUC U GUCCAACU	10439	AGUUGGAC CUGAUGAG GCCGUUAGGC CGAA IAUCAUGC	28814
3595	7435	GAUCUGUC C AACUUUCU	10440	AGAAAGUU CUGAUGAG GCCGUUAGGC CGAA IACAGAUC	28815
3596	7434	AUCUGUCC A ACUUUCUU	10441	AAGAAAGU CUGAUGAG GCCGUUAGGC CGAA IGACAGAU	28816
3599	7431	UGUCCAAC U UUCUUCUG	10442	CAGAAGAA CUGAUGAG GCCGUUAGGC CGAA IUUGGACA	28817
3603	7427	CAACUUUC U UCUGCAUG	10443	CAUGCAGA CUGAUGAG GCCGUUAGGC CGAA IAAAGUUG	28818
3606	7424	CUUUCUUC U GCAUGAUG	10444		28819
3609	7421	UCUUCUGC A UGAUGGGU	10445		
		<del></del>	-		28820
3627	7403	UGGUGCGC U CUAAUUCU	10446		28821
3629	7401	GUGCGCUC U AAUUCUGG	10447	<del></del>	28822
3635	7395	UCUAAUUC U GGGACGUC	10448	GACGUCCC CUGAUGAG GCCGUUAGGC CGAA IAAUUAGA	28823
3644	7386	GGGACGUC C GUGGCCAC	10449	GUGGCCAC CUGAUGAG GCCGUUAGGC CGAA IACGUCCC	28824
3650	7380	UCCGUGGC C ACGAUGCC	10450	GGCAUCGU CUGAUGAG GCCGUUAGGC CGAA ICCACGGA	28825
3651	7379	CCGUGGCC A CGAUGCCA	10451	UGGCAUCG CUGAUGAG GCCGUUAGGC CGAA IGCCACGG	28826
3658	7372	CACGAUGC C AUCCACUA	10452		28827
3659	7371	ACGAUGCC A UCCACUAC	10453		28828
3662	7368	AUGCCAUC C ACUACAGC	10454		
1					28829
3663	7367	UGCCAUCC A CUACAGCG	10455	<del></del>	28830
3665	7365	CCAUCCAC U ACAGCGUU	10456		28831
3668	7362	UCCACUAC A GCGUUCUU	10457	AAGAACGC CUGAUGAG GCCGUUAGGC CGAA IUAGUGGA	28832
3675	7355	CAGCGUUC U UCAUGAUU	10458	AAUCAUGA CUGAUGAG GCCGUUAGGC CGAA IAACGCUG	28833
3678	7352	CGUUCUUC A UGAUUCCG	10459	CGGAAUCA CUGAUGAG GCCGUUAGGC CGAA IAAGAACG	28834
3685	7345	CAUGAUUC C GGCCGCUG	10460	CAGCGGCC CUGAUGAG GCCGUUAGGC CGAA IAAUCAUG	28835
3689	7341	AUUCCGGC C GCUGUCCG	10461		28836
3692	7338	CCGGCCGC U GUCCGCCG	10462		28837
3696	7334	CCGCUGUC C GCCGCUGG	10463		
	7331	CUGUCCGC C GCUGGGCU		<del> </del>	28838
3699			10464		28839
3702	7328	UCCGCCGC U GGGCUGAG			28840
3707	7323	CGCUGGGC U GAGCGCAU	10466		28841
3714	7316	CUGAGCGC A UUGCCUCA	10467		28842
3719	7311	CGCAUUGC C UCAGCUUG	10468	CAAGCUGA CUGAUGAG GCCGUUAGGC CGAA ICAAUGCG	28843
3720	7310	GCAUUGCC U CAGCUUGC	10469	GCAAGCUG CUGAUGAG GCCGUUAGGC CGAA IGCAAUGC	28844
3722	7308	AUUGCCUC A GCUUGCCA	10470	UGGCAAGC CUGAUGAG GCCGUUAGGC CGAA IAGGCAAU	28845
3725	7305	GCCUCAGC U UGCCAACC			28846
3729	7301	CAGCUUGC C AACCGGGA			28847
3730	7300	<del></del>			
		AGCUUGCC A ACCGGGAA			28848
3733	7297	UUGCCAAC C GGGAACCA	10474		28849
3740	7290	CCGGGAAC C AUGUAGGC		<del></del>	28850
3741	7289	CGGGAACC A UGUAGGCA	10476	UGCCUACA CUGAUGAG GCCGUUAGGC CGAA IGUUCCCG	28851
3749	7281	AUGUAGGC A UAGUGGCA	10477	UGCCACUA CUGAUGAG GCCGUUAGGC CGAA ICCUACAU	28852
3757	7273	AUAGUGGC A AAAAAGGA	10478		28853
3773	7257	AGUGUUGC C GCUGUUAC			28854
3776	7254	GUUGCCGC U GUUACCGU	10480		
3782	7248	GCUGUUAC C GUAACGGU	10481		28855
3800	7230	AGGGUGAC U UGUCCCCA			28856
13000	1230	AGGGGAC O UGUCCCCA	10482	UGGGGACA CUGAUGAG GCCGUUAGGC CGAA IUCACCCU	28857

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				1 able LX	
3805	7225	GACUUGUC C CCAGCAUC	10483	GAUGCUGG CUGAUGAG GCCGUUAGGC CGAA IACAAGUC 2	28858
3806	7224	ACUUGUCC C CAGCAUCC	10484	GGAUGCUG CUGAUGAG GCCGUUAGGC CGAA IGACAAGU 2	28859
3807	7223	CUUGUCCC C AGCAUCCG	10485	CGGAUGCU CUGAUGAG GCCGUUAGGC CGAA IGGACAAG 2	28860
3808	7222	UUGUCCCC A GCAUCCGG	10486	CCGGAUGC CUGAUGAG GCCGUUAGGC CGAA IGGGACAA 2	28861
3811	7219	UCCCCAGC A UCCGGCUG	10487	CAGCCGGA CUGAUGAG GCCGUUAGGC CGAA ICUGGGGA 2	8862
3814	7216	CCAGCAUC C GGCUGCUA	10488	UAGCAGCC CUGAUGAG GCCGUUAGGC CGAA IAUGCUGG 2	28863
3818	7212	CAUCCGGC U GCUAGCAG	10489	CUGCUAGC CUGAUGAG GCCGUUAGGC CGAA ICCGGAUG 2	28864
3821	7209	CCGGCUGC U AGCAGGAG	10490	CUCCUGCU CUGAUGAG GCCGUUAGGC CGAA ICAGCCGG 2	28865
3825	7205	CUGCUAGC A GGAGAGCC	10491	GGCUCUCC CUGAUGAG GCCGUUAGGC CGAA ICUAGCAG 2	28866
3833	7197	AGGAGAGC C GACACUCC	10492	GGAGUGUC CUGAUGAG GCCGUUAGGC CGAA ICUCUCCU 2	28867
3837	7193	GAGCCGAC A CUCCAACA	10493	UGUUGGAG CUGAUGAG GCCGUUAGGC CGAA IUCGGCUC 2	28868
3839	7191	GCCGACAC U CCAACAUC	10494	GAUGUUGG CUGAUGAG GCCGUUAGGC CGAA IUGUCGGC 2	28869
3841	7189	CGACACUC C AACAUCGA	10495	UCGAUGUU CUGAUGAG GCCGUUAGGC CGAA IAGUGUCG 2	28870
3842	7188	GACACUCC A ACAUCGAC	10496	GUCGAUGU CUGAUGAG GCCGUUAGGC CGAA IGAGUGUC 2	28871
3845	7185	ACUCCAAC A UCGACGAA	10497	UUCGUCGA CUGAUGAG GCCGUUAGGC CGAA IUUGGAGU 2	28872
3862	7168	GGGGAAGC C UCGCGCGA	10498	UCGCGCGA CUGAUGAG GCCGUUAGGC CGAA ICUUCCCC 2	28873
3863	7167	GGGAAGCC U CGCGCGAG	10499	CUCGCGCG CUGAUGAG GCCGUUAGGC CGAA IGCUUCCC 2	28874
3884	7146	AAUAGUGC A CUUGCCUG	10500	CAGGCAAG CUGAUGAG GCCGUUAGGC CGAA ICACUAUU 2	28875
3886	7144	UAGUGCAC U UGCCUGAA	10501	UUCAGGCA CUGAUGAG GCCGUUAGGC CGAA IUGCACUA 2	28876
3890	7140	GCACUUGC C UGAACGUU	10502	AACGUUCA CUGAUGAG GCCGUUAGGC CGAA ICAAGUGC 2	28877
3891	7139	CACUUGCC U GAACGUUU	10503	AAACGUUC CUGAUGAG GCCGUUAGGC CGAA IGCAAGUG 2	28878
3909	7121	UUGAGGUC A AUGAGGUG	10504	CACCUCAU CUGAUGAG GCCGUUAGGC CGAA IACCUCAA 2	28879
3929	7101	AUGUAAUC U GACGUGAU	10505	AUCACGUC CUGAUGAG GCCGUUAGGC CGAA IAUUACAU 2	28880
3939	7091	ACGUGAUC A AAUGCUUU	10506	AAAGCAUU CUGAUGAG GCCGUUAGGC CGAA IAUCACGU 2	28881
3945	7085	UCAAAUGC U UUAGCAGU	10507	ACUGCUAA CUGAUGAG GCCGUUAGGC CGAA ICAUUUGA 2	28882
3951	7079	GCUUUAGC A GUGGAGUG	10508	CACUCCAC CUGAUGAG GCCGUUAGGC CGAA ICUAAAGC 2	28883
3965	7065	GUGAGGAC C GCUGUUGU	10509	ACAACAGC CUGAUGAG GCCGUUAGGC CGAA IUCCUCAC 2	28884
3968	7062	AGGACCGC U GUUGUCAC	10510	GUGACAAC CUGAUGAG GCCGUUAGGC CGAA ICGGUCCU 2	28885
3975	7055	CUGUUGUC A CAGCGUAC	10511	GUACGCUG CUGAUGAG GCCGUUAGGC CGAA IACAACAG 2	28886
3977	7053	GUUGUCAC A GCGUACAG	10512	CUGUACGC CUGAUGAG GCCGUUAGGC CGAA IUGACAAC 2	28887
3984	7046	CAGCGUAC A GUGACCAG	10513	CUGGUCAC CUGAUGAG GCCGUUAGGC CGAA IUACGCUG 2	28888
3990	7040	ACAGUGAC C AGGCUGUU	10514	AACAGCCU CUGAUGAG GCCGUUAGGC CGAA IUCACUGU 2	28889
3991	7039	CAGUGACC A GGCUGUUG	10515	CAACAGCC CUGAUGAG GCCGUUAGGC CGAA IGUCACUG 2	28890
3995	7035	GACCAGGC U GUUGCCGG	10516	CCGGCAAC CUGAUGAG GCCGUUAGGC CGAA ICCUGGUC 2	28891
4001	7029	GCUGUUGC C GGCCUCAA	10517	UUGAGGCC CUGAUGAG GCCGUUAGGC CGAA ICAACAGC 2	28892
4005	7025	UUGCCGGC C UCAAGUCC	10518	GGACUUGA CUGAUGAG GCCGUUAGGC CGAA ICCGGCAA 2	28893
4006	7024	UGCCGGCC U CAAGUCCA	10519	UGGACUUG CUGAUGAG GCCGUUAGGC CGAA IGCCGGCA 2	28894
4008	7022	CCGGCCUC A AGUCCAAA	10520	UUUGGACU CUGAUGAG GCCGUUAGGC CGAA IAGGCCGG 2	28895
4013	7017	CUCAAGUC C AAAAGAAA	10521	UUUCUUUU CUGAUGAG GCCGUUAGGC CGAA IACUUGAG 2	28896
4014	7016	UCAAGUCC A AAAGAAAC	10522	GUUUCUUU CUGAUGAG GCCGUUAGGC CGAA IGACUUGA 2	28897
4023	7007	AAAGAAAC U CUCCCAUG	10523	CAUGGGAG CUGAUGAG GCCGUUAGGC CGAA IUUUCUUU 2	28898
4025	7005	AGAAACUC U CCCAUGCU	10524	AGCAUGGG CUGAUGAG GCCGUUAGGC CGAA IAGUUUCU 2	28899
4027	7003	AAACUCUC C CAUGCUGA	10525	UCAGCAUG CUGAUGAG GCCGUUAGGC CGAA IAGAGUUU 2	28900
4028	7002	AACUCUCC C AUGCUGAA	10526		28901
4029	7001	ACUCUCCC A UGCUGAAA	10527	<u> </u>	28902
4033	6997	UCCCAUGC U GAAAUUCU	10528	<del></del>	28903
4041	6989	UGAAAUUC U CCUUGACC	10529		28904
4043	6987	AAAUUCUC C UUGACCUC	10530		28905
4044	6986	AAUUCUCC U UGACCUCA	10531		28906
4049	6981	UCCUUGAC C UCAAUUCU	10532		28907
4050	6980	CCUUGACC U CAAUUCUU	10533		28908
4052	6978	UUGACCUC A AUUCUUUG	10534		28909
4057	6973	CUCAAUUC U UUGCCCAA	10535		28910
4062	6968	UUCUUUGC C CAAACAAA	10536		28911
4063	6967	UCUUUGCC C AAACAAAC	10537		28912
4064	6966	CUUUGCCC A AACAAACU	10538		28913
4068	6962	GCCCAAAC A AACUGCUU	10539		28914
4072	6958	AAACAAAC U GCUUAUGU	10540		28915
4075	6955	CAAACUGC U UAUGUCAC	10541		28916
4082	6948	CUUAUGUC A CUCUUGGU	10542		28917
4084	6946	UAUGUCAC U CUUGGUCU	10543	AGACCAAG CUGAUGAG GCCGUUAGGC CGAA IUGACAUA 2	28918

4086	6944	UGUCACUC U UGGUCUUA	10544	UAAGACCA CUGAUGAG GCCGUUAGGC CGAA IAGUGACA	28919
	6938	UCUUGGUC U UAUCUAGC	10545	GCUAGAUA CUGAUGAG GCCGUUAGGC CGAA IACCAAGA	28920
4092				GGUUGGCU CUGAUGAG GCCGUUAGGC CGAA IAUAAGAC	28921
4097	6933	GUCUUAUC U AGCCAACC	10546		
4101	6929	UAUCUAGC C AACCCAUC	10547	GAUGGGUU CUGAUGAG GCCGUUAGGC CGAA ICUAGAUA	28922
4102	6928	AUCUAGCC A ACCCAUCU	10548	AGAUGGGU CUGAUGAG GCCGUUAGGC CGAA IGCUAGAU	28923
4105	6925	UAGCCAAC C CAUCUCGU	10549	ACGAGAUG CUGAUGAG GCCGUUAGGC CGAA IUUGGCUA	28924
4106	6924	AGCCAACC C AUCUCGUU	10550	AACGAGAU CUGAUGAG GCCGUUAGGC CGAA IGUUGGCU	28925
4107	6923	GCCAACCC A UCUCGUUG	10551	CAACGAGA CUGAUGAG GCCGUUAGGC CGAA IGGUUGGC	28926
4110	6920	AACCCAUC U CGUUGGCU	10552	AGCCAACG CUGAUGAG GCCGUUAGGC CGAA IAUGGGUU	28927
4118	6912	UCGUUGGC U GCCACUGC	10553	GCAGUGGC CUGAUGAG GCCGUUAGGC CGAA ICCAACGA	28928
4121	6909	UUGGCUGC C ACUGCGCU	10554	AGCGCAGU CUGAUGAG GCCGUUAGGC CGAA ICAGCCAA	28929
4122	6908	UGGCUGCC A CUGCGCUC	10555	GAGCGCAG CUGAUGAG GCCGUUAGGC CGAA IGCAGCCA	28930
		GCUGCCAC U GCGCUCAC	10556	GUGAGCGC CUGAUGAG GCCGUUAGGC CGAA IUGGCAGC	28931
4124	6906			CCCUUGUG CUGAUGAG GCCGUUAGGC CGAA ICGCAGUG	28932
4129	6901	CACUGCGC U CACAAGGG	10557		
4131	6899	CUGCGCUC A CAAGGGUC	10558	GACCCUUG CUGAUGAG GCCGUUAGGC CGAA IAGCGCAG	28933
4133	6897	GCGCUCAC A AGGGUCAU	10559	AUGACCCU CUGAUGAG GCCGUUAGGC CGAA IUGAGCGC	28934
4140	6890	CAAGGGUC A UGACACAA	10560	UUGUGUCA CUGAUGAG GCCGUUAGGC CGAA IACCCUUG	28935
4145	6885	GUCAUGAC A CAAAUCAG	10561	CUGAUUUG CUGAUGAG GCCGUUAGGC CGAA IUCAUGAC	28936
4147	6883	CAUGACAC A AAUCAGGA	10562	UCCUGAUU CUGAUGAG GCCGUUAGGC CGAA IUGUCAUG	28937
4152	6878	CACAAAUC A GGAACACG	10563	CGUGUUCC CUGAUGAG GCCGUUAGGC CGAA IAUUUGUG	28938
4158	6872	UCAGGAAC A CGGCUAGC	10564	GCUAGCCG CUGAUGAG GCCGUUAGGC CGAA IUUCCUGA	28939
4163	6867	AACACGGC U AGCUGGUU	10565	AACCAGCU CUGAUGAG GCCGUUAGGC CGAA ICCGUGUU	28940
4167	6863	CGGCUAGC U GGUUGUCU	10566	AGACAACC CUGAUGAG GCCGUUAGGC CGAA ICUAGCCG	28941
				UCGCAGAC CUGAUGAG GCCGUUAGGC CGAA IACAACCA	28942
4175	6855	UGGUUGUC U GUCUGCGA	10567		
4179	6851	UGUCUGUC U GCGAACGU	10568		28943
4191	6839	AACGUUGC U UCUCUGGC	10569	GCCAGAGA CUGAUGAG GCCGUUAGGC CGAA ICAACGUU	28944
4194	6836	GUUGCUUC U CUGGCUCA	10570	UGAGCCAG CUGAUGAG GCCGUUAGGC CGAA IAAGCAAC	28945
4196	6834	UGCUUCUC U GGCUCAGG	10571	CCUGAGCC CUGAUGAG GCCGUUAGGC CGAA IAGAAGCA	28946
4200	6830	UCUCUGGC U CAGGAAUU	10572	AAUUCCUG CUGAUGAG GCCGUUAGGC CGAA ICCAGAGA	28947
4202	6828	UCUGGCUC A GGAAUUAG	10573	CUAAUUCC CUGAUGAG GCCGUUAGGC CGAA IAGCCAGA	28948
4212	6818	GAAUUAGC A CAAUCAUC	10574	GAUGAUUG CUGAUGAG GCCGUUAGGC CGAA ICUAAUUC	28949
4214	6816	AUUAGCAC A AUCAUCAA	10575	UUGAUGAU CUGAUGAG GCCGUUAGGC CGAA IUGCUAAU	28950
4218	6812	GCACAAUC A UCAAGAGA	10576	UCUCUUGA CUGAUGAG GCCGUUAGGC CGAA IAUUGUGC	28951
4221	6809	CAAUCAUC A AGAGAAGG	10577	CCUUCUCU CUGAUGAG GCCGUUAGGC CGAA IAUGAUUG	28952
4236	6794	GGGAGAGC A GCAACAUU	10578	AAUGUUGC CUGAUGAG GCCGUUAGGC CGAA ICUCUCCC	28953
				CGGAAUGU CUGAUGAG GCCGUUAGGC CGAA ICUGCUCU	28954
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4246	6784	CAACAUUC C GGCGAUCU	10581	AGAUCGCC CUGAUGAG GCCGUUAGGC CGAA IAAUGUUG	28956
4254	6776	CGGCGAUC U UCGUUCCU	10582	AGGAACGA CUGAUGAG GCCGUUAGGC CGAA IAUCGCCG	28957
4261	6769	CUUCGUUC C UGGAACUU	10583	AAGUUCCA CUGAUGAG GCCGUUAGGC CGAA IAACGAAG	28958
4262	6768	UUCGUUCC U GGAACUUC	10584	GAAGUUCC CUGAUGAG GCCGUUAGGC CGAA IGAACGAA	28959
4268	6762	CCUGGAAC U UCAGCCAU	10585	AUGGCUGA CUGAUGAG GCCGUUAGGC CGAA IUUCCAGG	28960
4271	6759	GGAACUUC A GCCAUCCA	10586	UGGAUGGC CUGAUGAG GCCGUUAGGC CGAA IAAGUUCC	28961
4274	6756	ACUUCAGC C AUCCAACA	10587	UGUUGGAU CUGAUGAG GCCGUUAGGC CGAA ICUGAAGU	28962
4275	6755	CUUCAGCC A UCCAACAG	10588	CUGUUGGA CUGAUGAG GCCGUUAGGC CGAA IGCUGAAG	28963
4278	6752	CAGCCAUC C AACAGAAA	10589	UUUCUGUU CUGAUGAG GCCGUUAGGC CGAA IAUGGCUG	28964
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4300	6730	CGCGACUC C CAAGACAG	10593	CUGUCUUG CUGAUGAG GCCGUUAGGC CGAA IAGUCGCG	28968
4301	6729	GCGACUCC C AAGACAGC	10594	GCUGUCUU CUGAUGAG GCCGUUAGGC CGAA IGAGUCGC	28969
4302	6728	CGACUCCC A AGACAGCG	10595	CGCUGUCU CUGAUGAG GCCGUUAGGC CGAA IGGAGUCG	28970
4307	6723	CCCAAGAC A GCGCCUCC	10596	GGAGGCGC CUGAUGAG GCCGUUAGGC CGAA IUCUUGGG	28971
4312	6718	GACAGCGC C UCCCAAAC	10597	GUUUGGGA CUGAUGAG GCCGUUAGGC CGAA ICGCUGUC	28972
4313	6717	ACAGCGCC U CCCAAACC	10598	GGUUUGGG CUGAUGAG GCCGUUAGGC CGAA IGCGCUGU	28973
4315	6715	AGCGCCUC C CAAACCUA	10599		28974
4316	6714	GCGCCUCC C AAACCUAU	10600	AUAGGUUU CUGAUGAG GCCGUUAGGC CGAA IGAGGCGC	28975
4317	6713	CGCCUCCC A AACCUAUC			28976
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4322	6708	CCCAAACC U AUCUUUCC	10603		28978
4326	6704	AACCUAUC U UUCCAAUG	10604	CAUUGGAA CUGAUGAG GCCGUUAGGC CGAA IAUAGGUU	28979

		· .		Table IA	-
4330	6700	UAUCUUUC C AAUGCCCU	10605	AGGGCAUU CUGAUGAG GCCGUUAGGC CGAA IAAAGAUA	28980
4331	6699	AUCUUUCC A AUGCCCUU	10606	AAGGGCAU CUGAUGAG GCCGUUAGGC CGAA IGAAAGAU	28981
4336	6694	UCCAAUGC C CUUCCGCU	10607	AGCGGAAG CUGAUGAG GCCGUUAGGC CGAA ICAUUGGA	28982
4337	6693	CCAAUGCC C UUCCGCUG	10608	CAGCGGAA CUGAUGAG GCCGUUAGGC CGAA IGCAUUGG	28983
4338	6692	CAAUGCCC U UCCGCUGC	10609	GCAGCGGA CUGAUGAG GCCGUUAGGC CGAA IGGCAUUG	28984
4341	6689	UGCCCUUC C GCUGCAUG	10610	CAUGCAGC CUGAUGAG GCCGUUAGGC CGAA IAAGGGCA	28985
4344	6686	CCUUCCGC U GCAUGAGG	10611	CCUCAUGC CUGAUGAG GCCGUUAGGC CGAA ICGGAAGG	28986
4347	6683	UCCGCUGC A UGAGGAGG	10612	CCUCCUCA CUGAUGAG GCCGUUAGGC CGAA ICAGCGGA	28987
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4366	6664	GAAUACUC C CAUGGUCA	10614	UGACCAUG CUGAUGAG GCCGUUAGGC CGAA IAGUAUUC	28989
		AAUACUCC C AUGGUCAU	10615	AUGACCAU CUGAUGAG GCCGUUAGGC CGAA IGAGUAUU	28990
4367	6663		10616	GAUGACCA CUGAUGAG GCCGUUAGGC CGAA IGAGUAU	28991
4368	6662	AUACUCCC A UGGUCAUC	10617		
4374	6656	CCAUGGUC A UCACACUC		GAGUGUGA CUGAUGAG GCCGUUAGGC CGAA IACCAUGG	28992
4377	6653	UGGUCAUC A CACUCAAU	10618	AUUGAGUG CUGAUGAG GCCGUUAGGC CGAA IAUGACCA	28993
4379	6651	GUCAUCAC A CUCAAUAA	10619	UUAUUGAG CUGAUGAG GCCGUUAGGC CGAA IUGAUGAC	28994
4381	6649	CAUCACAC U CAAUAAGG	10620	CCUUAUUG CUGAUGAG GCCGUUAGGC CGAA IUGUGAUG	28995
4383	6647	UCACACUC A AUAAGGCA	10621	UGCCUUAU CUGAUGAG GCCGUUAGGC CGAA IAGUGUGA	28996
4391	6639	AAUAAGGC A AUCAAGGC	10622	GCCUUGAU CUGAUGAG GCCGUUAGGC CGAA ICCUUAUU	28997
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4400	6630	AUCAAGGC A AUUGUCUG	10624	CAGACAAU CUGAUGAG GCCGUUAGGC CGAA ICCUUGAU	28999
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4415	6615	UGAAGAGC A UCUGGCAG	10626	CUGCCAGA CUGAUGAG GCCGUUAGGC CGAA ICUCUUCA	29001
4418	6612	AGAGCAUC U GGCAGUUC	10627	GAACUGCC CUGAUGAG GCCGUUAGGC CGAA IAUGCUCU	29002
4422	6608	CAUCUGGC A GUUCCUCC	10628	GGAGGAAC CUGAUGAG GCCGUUAGGC CGAA ICCAGAUG	29003
4427	6603	GGCAGUUC C UCCAGGGC	10629	GCCCUGGA CUGAUGAG GCCGUUAGGC CGAA IAACUGCC	29004
4428	6602	GCAGUUCC U CCAGGGCC	10630	GGCCCUGG CUGAUGAG GCCGUUAGGC CGAA IGAACUGC	29005
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4431	6599	GUUCCUCC A GGGCCAUU	10632	AAUGGCCC CUGAUGAG GCCGUUAGGC CGAA IGAGGAAC	29007
4436	6594	UCCAGGGC C AUUCUGUG	10633	CACAGAAU CUGAUGAG GCCGUUAGGC CGAA ICCCUGGA	29008
4437	6593	CCAGGGCC A UUCUGUGA	10634	UCACAGAA CUGAUGAG GCCGUUAGGC CGAA IGCCCUGG	29009
4441	6589	GGCCAUUC U GUGAGCUC	10635	GAGCUCAC CUGAUGAG GCCGUUAGGC CGAA IAAUGGCC	29010
4448	6582	CUGUGAGC U CUUCCUCC	10636	GGAGGAAG CUGAUGAG GCCGUUAGGC CGAA ICUCACAG	29011
4450	6580	GUGAGCUC U UCCUCCUU	10637	AAGGAGGA CUGAUGAG GCCGUUAGGC CGAA IAGCUCAC	29012
4453	6577	AGCUCUUC C UCCUUUCU	10638	AGAAAGGA CUGAUGAG GCCGUUAGGC CGAA IAAGAGCU	29013
4454	6576	GCUCUUCC U CCUUUCUC	10639	GAGAAAGG CUGAUGAG GCCGUUAGGC CGAA IGAAGAGC	29014
4456	6574	UCUUCCUC C UUUCUCUG	10640	CAGAGAAA CUGAUGAG GCCGUUAGGC CGAA IAGGAAGA	29015
4457	6573	CUUCCUCC U UUCUCUGC	10641	GCAGAGAA CUGAUGAG GCCGUUAGGC CGAA IGAGGAAG	29016
4461	6569	CUCCUUUC U CUGCAGUG	10642	CACUGCAG CUGAUGAG GCCGUUAGGC CGAA IAAAGGAG	29017
4463	6567	CCUUUCUC U GCAGUGGC	10643	GCCACUGC CUGAUGAG GCCGUUAGGC CGAA IAGAAAGG	29018
4466	6564	UUCUCUGC A GUGGCCAC	10644	GUGGCCAC CUGAUGAG GCCGUUAGGC CGAA ICAGAGAA	29019
4472	6558	GCAGUGGC C ACAACGUA	10645	UACGUUGU CUGAUGAG GCCGUUAGGC CGAA ICCACUGC	29020
4473	6557	CAGUGGCC A CAACGUAC	10646	GUACGUUG CUGAUGAG GCCGUUAGGC CGAA IGCCACUG	29021
4475	6555	GUGGCCAC A ACGUACAU	10647	AUGUACGU CUGAUGAG GCCGUUAGGC CGAA IUGGCCAC	29022
4482	6548	CAACGUAC A UGGUGUCA	10648	UGACACCA CUGAUGAG GCCGUUAGGC CGAA IUACGUUG	29023
4490	6540	AUGGUGUC A AGUGCUUC	10649	GAAGCACU CUGAUGAG GCCGUUAGGC CGAA IACACCAU	29024
4496	6534	UCAAGUGC U UCCCAUGU	10650	ACAUGGGA CUGAUGAG GCCGUUAGGC CGAA ICACUUGA	29025
4499	6531	AGUGCUUC C CAUGUCUU	10651	AAGACAUG CUGAUGAG GCCGUUAGGC CGAA IAAGCACU	29026
4500	6530	GUGCUUCC C AUGUCUUC	10652	GAAGACAU CUGAUGAG GCCGUUAGGC CGAA IGAAGCAC	29027
4501	6529	UGCUUCCC A UGUCUUCC	10653	GGAAGACA CUGAUGAG GCCGUUAGGC CGAA IGGAAGCA	29028
4506	6524	CCCAUGUC U UCCCCAUG	10654	CAUGGGGA CUGAUGAG GCCGUUAGGC CGAA IACAUGGG	29029
4509	6521	AUGUCUUC C CCAUGAAG	10655	CUUCAUGG CUGAUGAG GCCGUUAGGC CGAA IAAGACAU	29030
4510	6520	UGUCUUCC C CAUGAAGU	10656	ACUUCAUG CUGAUGAG GCCGUUAGGC CGAA IGAAGACA	29031
4511	6519	GUCUUCCC C AUGAAGUG	10657	CACUUCAU CUGAUGAG GCCGUUAGGC CGAA IGGAAGAC	29032
4512	6518	UCUUCCCC A UGAAGUGC	10658	GCACUUCA CUGAUGAG GCCGUUAGGC CGAA IGGGAAGA	29032
4521	6509	UGAAGUGC U CAGGCAUC	10659	GAUGCCUG CUGAUGAG GCCGUUAGGC CGAA ICACUUCA	
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4527	6503	GCUCAGGC A UCUUUCCC	10661	GGGAAAGA CUGAUGAG GCCGUUAGGC CGAA IAGCACUU	29035
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4534	6496	CAUCUUUC C CAGAACCU			29037
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4553	6477	AUGAGCCC U AUCUGAGA	10671	UCUCAGAU CUGAUGAG GCCGUUAGGC CGAA IGGCUCAU	29046
4557	6473	GCCCUAUC U GAGAACGU	10672	ACGUUCUC CUGAUGAG GCCGUUAGGC CGAA IAUAGGGC	29047
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4571	6459	CGUUUUCC C GAGGCGAA	10674	UUCGCCUC CUGAUGAG GCCGUUAGGC CGAA IGAAAACG	29049
4583	6447	GCGAAGUC C UUGAACGC	10675	GCGUUCAA CUGAUGAG GCCGUUAGGC CGAA IACUUCGC	29050
4584	6446	CGAAGUCC U UGAACGCC	10676	GGCGUUCA CUGAUGAG GCCGUUAGGC CGAA IGACUUCG	29051
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4593	6437	UGAACGCC U UUAGUGCC	10678	GGCACUAA CUGAUGAG GCCGUUAGGC CGAA IGCGUUCA	
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			10679	GAUCACCA CUGAUGAG GCCGUUAGGC CGAA ICACUAAA	29054
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4617	6413	CCGAGUAC A CCCUGGCG	10682	CGCCAGGG CUGAUGAG GCCGUUAGGC CGAA IUACUCGG	29057
4619	6411	GAGUACAC C CUGGCGUC	10683	GACGCCAG CUGAUGAG GCCGUUAGGC CGAA IUGUACUC	29058
4620	6410	AGUACACC C UGGCGUCA	10684	UGACGCCA CUGAUGAG GCCGUUAGGC CGAA IGUGUACU	29059
4621	6409	GUACACCC U GGCGUCAA	10685	UUGACGCC CUGAUGAG GCCGUUAGGC CGAA IGGUGUAC	29060
4628	6402	CUGGCGUC A AUCCAGCG	10686	CGCUGGAU CUGAUGAG GCCGUUAGGC CGAA IACGCCAG	29061
4632	6398	CGUCAAUC C AGCGCGGC	10687	GCCGCGCU CUGAUGAG GCCGUUAGGC CGAA IAUUGACG	29062
4633	6397	GUCAAUCC A GCGCGGCC	10688	GGCCGCGC CUGAUGAG GCCGUUAGGC CGAA IGAUUGAC	29063
4641	6389	AGCGCGGC C UCAGAAUC	10689	GAUUCUGA CUGAUGAG GCCGUUAGGC CGAA ICCGCGCU	29064
4642	6388	GCGCGGCC U CAGAAUCU	10690	AGAUUCUG CUGAUGAG GCCGUUAGGC CGAA IGCCGCGC	29065
4644	6386	GCGGCCUC A GAAUCUUC	10691	GAAGAUUC CUGAUGAG GCCGUUAGGC CGAA IAGGCCGC	
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4653	6377	GAAUCUUC C UUUCACCA			29067
4654			10693	UGGUGAAA CUGAUGAG GCCGUUAGGC CGAA IAAGAUUC	29068
	6376	AAUCUUCC U UUCACCAA	10694	UUGGUGAA CUGAUGAG GCCGUUAGGC CGAA IGAAGAUU	29069
4658	6372	UUCCUUUC A CCAAGCUU	10695	AAGCUUGG CUGAUGAG GCCGUUAGGC CGAA IAAAGGAA	29070
4660	6370	CCUUUCAC C AAGCUUCG	10696	CGAAGCUU CUGAUGAG GCCGUUAGGC CGAA IUGAAAGG	29071
4661	6369	CUUUCACC A AGCUUCGU	10697	ACGAAGCU CUGAUGAG GCCGUUAGGC CGAA IGUGAAAG	29072
4665	6365	CACCAAGC U UCGUGAUG	10698	CAUCACGA CUGAUGAG GCCGUUAGGC CGAA ICUUGGUG	29073
4676	6354	GUGAUGAC U UCCACUUC	10699	GAAGUGGA CUGAUGAG GCCGUUAGGC CGAA IUCAUCAC	29074
4679	6351	AUGACUUC C ACUUCGUU	10700	AACGAAGU CUGAUGAG GCCGUUAGGC CGAA IAAGUCAU	29075
4680	6350	UGACUUCC A CUUCGUUG	10701	CAACGAAG CUGAUGAG GCCGUUAGGC CGAA IGAAGUCA	29076
4682	6348	ACUUCCAC U UCGUUGUU	10702	AACAACGA CUGAUGAG GCCGUUAGGC CGAA IUGGAAGU	29077
4694	6336	UUGUUGUC U UCUAAAAU	10703	AUUUUAGA CUGAUGAG GCCGUUAGGC CGAA IACAACAA	29078
4697	6333	UUGUCUUC U AAAAUUGU	10704	ACAAUUUU CUGAUGAG GCCGUUAGGC CGAA IAAGACAA	29079
4713	6317	UGUUUGUC C UAGGACCA	10705	UGGUCCUA CUGAUGAG GCCGUUAGGC CGAA IACAAACA	29080
4714	6316	GUUUGUCC U AGGACCAU	10706	AUGGUCCU CUGAUGAG GCCGUUAGGC CGAA IGACAAAC	29081
4720	6310	CCUAGGAC C AUCAAAGC	10707	GCUUUGAU CUGAUGAG GCCGUUAGGC CGAA IUCCUAGG	
4721	6309	CUAGGACC A UCAAAGCA	10708	UGCUUUGA CUGAUGAG GCCGUUAGGC CGAA IGUCCUAG	29082
4724	6306		10709		29083
4729			<del> </del>	UGGUGCUU CUGAUGAG GCCGUUAGGC CGAA IAUGGUCC	29084
	6301	AUCAAAGC A CCACCUCC	10710	GGAGGUGG CUGAUGAG GCCGUUAGGC CGAA ICUUUGAU	29085
4731	6299	CAAAGCAC C ACCUCCGG	10711	CCGGAGGU CUGAUGAG GCCGUUAGGC CGAA IUGCUUUG	29086
4732	6298	AAAGCACC A CCUCCGGU	10712	ACCGGAGG CUGAUGAG GCCGUUAGGC CGAA IGUGCUUU	29087
4734	6296	AGCACCAC C UCCGGUCG	10713	CGACCGGA CUGAUGAG GCCGUUAGGC CGAA IUGGUGCU	29088
4735	6295	GCACCACC U CCGGUCGU	10714	ACGACCGG CUGAUGAG GCCGUUAGGC CGAA IGUGGUGC	29089
4737	6293	ACCACCUC C GGUCGUGG	10715	CCACGACC CUGAUGAG GCCGUUAGGC CGAA IAGGUGGU	29090
4752	6278	GGUAUGAC A CUCCAGCC	10716	GGCUGGAG CUGAUGAG GCCGUUAGGC CGAA IUCAUACC	29091
4754	6276	UAUGACAC U CCAGCCGC	10717	GCGGCUGG CUGAUGAG GCCGUUAGGC CGAA IUGUCAUA	29092
4756	6274	UGACACUC C AGCCGCUG	10718	CAGCGGCU CUGAUGAG GCCGUUAGGC CGAA IAGUGUCA	29093
4757	6273	GACACUCC A GCCGCUGC	10719	GCAGCGGC CUGAUGAG GCCGUUAGGC CGAA IGAGUGUC	29094
4760	6270	ACUCCAGC C GCUGCAAC	10720	GUUGCAGC CUGAUGAG GCCGUUAGGC CGAA ICUGGAGU	29095
4763	6267	CCAGCCGC U GCAACCUU	10721	AAGGUUGC CUGAUGAG GCCGUUAGGC CGAA ICGGCUGG	29096
4766	6264	GCCGCUGC A ACCUUGUA	10722	UACAAGGU CUGAUGAG GCCGUUAGGC CGAA ICGGCGGC	
4769	6261	GCUGCAAC C UUGUAAGC	10723		29097
4770	6260	CUGCAACC U UGUAAGCC		GCUUNCAA CUGAUGAG GCCGUUNGGC CGAA IUUGCAGC	29098
			10724	GGCUUACA CUGAUGAG GCCGUUAGGC CGAA IGUUGCAG	29099
4778	6252	UUGUAAGC C AGCCAAAC	10725	GUUUGGCU CUGAUGAG GCCGUUAGGC CGAA ICUUACAA	29100
4779	6251	UGUAAGCC A GCCAAACU	10726	AGUUUGGC CUGAUGAG GCCGUUAGGC CGAA IGCUUACA	29101

Table IX

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4782	6248	AAGCCAGC C AAACUGGC	10727	GCCAGUUU CUGAUGAG GCCGUUAGGC CGAA ICUGGCUU	29102
4783	6247	AGCCAGCC A AACUGGCA	10728	UGCCAGUU CUGAUGAG GCCGUUAGGC CGAA IGCUGGCU	29103
4787	6243	AGCCAAAC U GGCAGAUC	10729	GAUCUGCC CUGAUGAG GCCGUUAGGC CGAA IUUUGGCU	29104
4791	6239	AAACUGGC A GAUCUGCA	10730	UGCAGAUC CUGAUGAG GCCGUUAGGC CGAA ICCAGUUU	29105
4796	6234	GGCAGAUC U GCAGUCCU	10731	AGGACUGC CUGAUGAG GCCGUUAGGC CGAA IAUCUGCC	29106
4799	6231	AGAUCUGC A GUCCUCAA	10732	UUGAGGAC CUGAUGAG GCCGUUAGGC CGAA ICAGAUCU	29107
4803	6227	CUGCAGUC C UCAACAGU	10733	ACUGUUGA CUGAUGAG GCCGUUAGGC CGAA IACUGCAG	29108
-		UGCAGUCC U CAACAGUU	10734	AACUGUUG CUGAUGAG GCCGUUAGGC CGAA IGACUGCA	29109
4804	6226		10735	GGAACUGU CUGAUGAG GCCGUUAGGC CGAA IAGGACUG	29110
4806	6224	CAGUCCUC A ACAGUUCC		UCUGGAAC CUGAUGAG GCCGUUAGGC CGAA IUUGAGGA	29111
4809	6221	UCCUCAAC A GUUCCAGA	10736		29112
4814	6216	AACAGUUC C AGAAAGUU	10737		29112
4815	6215	ACAGUUCC A GAAAGUUU	10738	AAACUUUC CUGAUGAG GCCGUUAGGC CGAA IGAACUGU	
4828	6202	פטטטטטט ט כטכטטכטכ	10739	GAGAAGAG CUGAUGAG GCCGUUAGGC CGAA IAAAAAAC	29114
4830	6200	nnnncnc n cnncnccn	10740	AGGAGAAG CUGAUGAG GCCGUUAGGC CGAA IAGAAAAA	29115
4832	6198	טטטכטכטכ ט טכטככטכט	10741	AGAGGAGA CUGAUGAG GCCGUUAGGC CGAA IAGAGAAA	29116
4835	6195	CUCUCUUC U CCUCUGAG	10742	CUCAGAGG CUGAUGAG GCCGUUAGGC CGAA IAAGAGAG	29117
4837	6193	CUCUUCUC C UCUGAGCC	10743	GGCUCAGA CUGAUGAG GCCGUUAGGC CGAA IAGAAGAG	29118
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4840	6190	UUCUCCUC U GAGCCGGU	10745	ACCGGCUC CUGAUGAG GCCGUUAGGC CGAA IAGGAGAA	29120
4845	6185	CUCUGAGC C GGUAUUCC	10746	GGAAUACC CUGAUGAG GCCGUUAGGC CGAA ICUCAGAG	29121
		CGGUAUUC C CCAUCCAU	10747	AUGGAUGG CUGAUGAG GCCGUUAGGC CGAA IAAUACCG	29122
4853	6177	GGUAUUCC C CAUCCAUG	10748	CAUGGAUG CUGAUGAG GCCGUUAGGC CGAA IGAAUACC	29123
4854	6176				29124
4855	6175	GUAUUCCC C AUCCAUGG	10749		29124
4856	6174	UAUUCCCC A UCCAUGGU	10750		L
4859	6171	UCCCCAUC C AUGGUAUA	10751	UAUACCAU CUGAUGAG GCCGUUAGGC CGAA IAUGGGGA	29126
4860	6170	CCCCAUCC A UGGUAUAU	10752	AUAUACCA CUGAUGAG GCCGUUAGGC CGAA IGAUGGGG	29127
4871	6159	GUAUAUAC C UUCUCACG	10753	CGUGAGAA CUGAUGAG GCCGUUAGGC CGAA IUAUAUAC	29128
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4931	6099	AUGUUGUC C AGCAUGAU	10762	AUCAUGCU CUGAUGAG GCCGUUAGGC CGAA IACAACAU	29137
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4935	6095	UGUCCAGC A UGAUUCGU			29140
4946	6084	AUUCGUGC C UCAGUCCA	10765	UGGACUGA CUGAUGAG GCCGUUAGGC CGAA ICACGAAU	
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4999	6031	CCCAUAAC A GUACUCAU	10778	UGGUGAUG CUGAUGAG GCCGUUAGGC CGAA IUACUGUU	29154
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5029	6001	CGGAUUUC U ACCGAUAC	10785		29160
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5041	5989	GAUACGUC C ACGUCUCU	10787		29162
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Table IX

E042	E000	AUACGUCC A CGUCUCUG	10788	CAGAGACG CUGAUGAG GCCGUUAGGC CGAA IGACGUAU	29163
5042	5988	UCCACGUC U CUGGGCGG	10789	CCGCCCAG CUGAUGAG GCCGUUAGGC CGAA IACGUGGA	
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5049	5981	CACGUCUC U GGGCGGCA			29165
5057	5973	UGGGCGGC A CUAGCUGC	10791		29166
5059	5971	GGCGGCAC U AGCUGCUG	10792	CAGCAGCU CUGAUGAG GCCGUUAGGC CGAA IUGCCGCC	29167
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5136	5894	UCACACUC U UCCGGCUG	10815	CAGCCGGA CUGAUGAG GCCGUUAGGC CGAA IAGUGUGA	29190
5139	5891	CACUCUUC C GGCUGUCA	10816	UGACAGCC CUGAUGAG GCCGUUAGGC CGAA IAAGAGUG	29191
5143	5887	CUUCCGGC U GUCAAUCA	10817	UGAUUGAC CUGAUGAG GCCGUUAGGC CGAA ICCGGAAG	29192
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5253	5777	CGUACGAC U UUCUGUUC		GAACAGAA CUGAUGAG GCCGUUAGGC CGAA IUCGUACG	29218
5257	5773	CGACUUUC U GUUCAAUU	10844	AAUUGAAC CUGAUGAG GCCGUUAGGC CGAA IAAAGUCG	29219
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5315	5715	UCAUUCCC C AUCUUGAC	10858	GUCAAGAU CUGAUGAG GCCGUUAGGC CGAA IGGAAUGA	29233
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5495	5535		<del></del>	GAGCUAGG CUGAUGAG GCCGUUAGGC CGAA IAGGCGGC	29269
5496	5534	CCGCCUCC C CUAGCUCG	10895	CGAGCUAG CUGAUGAG GCCGUUAGGC CGAA IGAGGCGG	29270
5497	5533	CGCCUCCC C UAGCUCGA	10896	UCGAGCUA CUGAUGAG GCCGUUAGGC CGAA IGGAGGCG	29271
5498	5532	GCCUCCCC U AGCUCGAC	10897	GUCGAGCU CUGAUGAG GCCGUUAGGC CGAA IGGGAGGC	29272
5502	5528	CCCCUAGC U CGACCUUU	10898	AAAGGUCG CUGAUGAG GCCGUUAGGC CGAA ICUAGGGG	29273
5507	5523	AGCUCGAC C UUUGUGGA	10899	UCCACAAA CUGAUGAG GCCGUUAGGC CGAA IUCGAGCU	29274
5508	5522	GCUCGACC U UUGUGGAA	10900	UUCCACAA CUGAUGAG GCCGUUAGGC CGAA IGUCGAGC	29275
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5527	5503	GUAACCUC U UGCUGCAA	10903	UUGCAGCA CUGAUGAG GCCGUUAGGC CGAA IAGGUUAC	29278
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5534	5496	CUUGCUGC A AUGCUAGC	10905	GCUAGCAU CUGAUGAG GCCGUUAGGC CGAA ICAGCAAG	29280
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1956   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967   1967	5564	5466	UGAGCCUC A UCCAUCAC	10910	GUGAUGGA CUGAUGAG GCCGUUAGGC CGAA IAGGCUCA	29285
1987   1987   1987   1987   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988	$\vdash$					29286
1997   1998   CALICADIC A CONACAGO   1991   CICROTUCC CURATIAN GEGULUAGE COMA HURGIDA   29289   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   19						29287
5572   5453   UCCOGARC A GGUUGINA   10914   CUACARCE CUBARDAS   GCGUULAGGE GAA ICUGAGUS   29290   5594   5456   ULIGOGAC C CUBURAGG   10916   CCUCACAG CUBARDAG   GCGUULAGGE GAA ICUGAGUS   29290   5594   5456   ULIGOGACA C CUBURAGGA   10917   UCCUCACA CUBARDAG   GCGUULAGGE GAA ICUGAGUS   29291   5595   5433   UGGCACCC C UBURAGGA   10917   UCCUCACA CUBARDAG   GCGUULAGGE GAA IUGCCGAA   29291   5596   5434   GCGCACCC C UBURAGGA   10918   CUCCUCACA CUBARDAG   GCGUULAGGE GAA IUGCCGAA   29292   5596   5434   GAGGAGAC   ULIGAGGAGA   10918   CUCCUCACA CUBARDAG   GCGUULAGGE GAA IUGCCGAA   29292   5596   5423   GAGGAGAC   ULIGAGGAGA   10919   CACARGC   CUBARDAG   GCGUULAGGE GAA IUGCCGA   29294   5610   5420   GAGCACC   UGUGGGU   10929   CACARGC   CUBARDAG   GCGUULAGGE GAA IUGCCGA   29294   5611   5417   CACARGC   UGUGGGU   10921   CACARGC   CUBARDAG   GCGUULAGGE GAA IUGCCGA   29295   5513   5417   CACARGC   UGUGGGU   10921   CACARGC   CUBARDAG   GCGUULAGGE GAA IUGCCGA   29295   5514   5416   CAUCARCC   UGUGGGU   10922   UCACCAC   CUBARDAG   GCGUULAGGE GAA IUGCCACC   29295   5537   5416   CAUCARCC   UGUGGU   10924   AUGUCCAL   UCACARG   CUBARDAG   GCGUULAGGE GAA IUCACCC   29295   5537   SACARGAC   CAUCARGA   ULIGACA						
5594   5436   MUNGGOC C C CHURIGAN   10916   CUCICACA CHURIGAN   GCCULUAGGC GAA TUCCACACU   29290						
\$555   \$435   UNGGCAC C CURURAGA 10916   CCUCACAG CURAUGAG GCCUUMAGG CAA TURCCAAA 29292   \$5556   \$431   CCGCACCC CURURAGA 10918   CUCCUCAC CURAUGAG GCCCUUMAGG CAA TURCCAAA 29292   \$5567   \$423   GAGAGAC C UTURAGAGA 10918   CUCCUCAC CURAUGAG GCCCUUMAGG CAA TURCCACA 29294   \$5567   \$420   GAGAGAC C UTURAGAGA 10918   CUCCUCAC CURAUGAG GCCCUUMAGG CAA TURCCACA 29294   \$5561   \$420   GAGACAC U GUGGAGGA 10921   CACCACAC CURAUGAG GCCCUUMAGG CAA TURCCACA 29294   \$5561   \$420   GAGACACU C GUGGAGGA 10921   CACCACAC CURAUGAG GCCCUUMAGG CAA TURCCACA 29295   \$5613   \$417   ACAUCAGC U GUGGAGGA 10922   CACCACAC CURAUGAG GCCCUUMAGG CAA TURCCACU 29295   \$5614   \$416   CAUCAGC U GUGGAGGA 10922   CACCACAC CURAUGAG GCCCUUMAGG CAA TURCCACU 29295   \$5614   \$416   CAUCAGC U GUGGAGGA 10922   CACCACAC CURAUGAG GCCCUUMAGG CAA TURCCACU 29295   \$5615   \$539   ACACAGGA C A CURACACA 10924   AUGUSCAC CURAUGAG GCCCUUMAGG CAA TURCCACU 29295   \$637   \$539   ACACAGGA C A CURACACA 10924   AUGUSCAC CURAUGAG GCCCUUMAGG CAA TURCCACU 29295   \$642   \$538   ACACAGGA C A CURACACA 10924   AUGUSCAC CURAUGAG GCCCUUMAGG CAA TURCCACU 29295   \$642   \$538   ACACAGGA C A CURACACA 10924   AUGUSCAC CURAUGAG GCCCUUMAGG CAA TURCCACU 29295   \$646   \$538   ACACAGGA C A CURACACA 10924   AUGUSCAC CURAUGAG GCCCUUMAGG CAA TURCCACU 29301   \$648   \$538   ACACAGGA C A ACCACUCU 10927   AGAAUGU CURAUGAG GCCCUUMAGG CAA TURCACUU 29301   \$652   \$538   ACACAGGA C A ACCACUCU 10927   AGAAUGU CURAUGAG GCCCUUMAGG CAA TURCACUU 29301   \$652   \$538   ACACAGGA C A ACCACUCU 10927   AGAAUGU CURAUGAG GCCCUUMAGG CAA TURCACUU 29301   \$652   \$538   ACACAGGA C A ACCACUCU 10927   AGAAUGU CURAUGAG GCCCUUMAGG CAA TURCACUU 29301   \$652   \$538   ACACAGGA C A TURCCACU 20924   AGACACU CURAUGAG CAA TURCACUU 29304   \$664   \$539   ACACAGGA C A UUCACAGU 10928   ACACAGGA C A CURACAGG CURAUGAG CAA TURCACU 29304   \$664   \$654   \$644   \$644   \$644   \$644   \$644   \$644   \$644   \$644   \$644   \$644   \$644   \$644   \$644   \$644   \$644   \$644   \$644   \$644   \$644   \$644   \$644   \$644   \$644   \$644   \$644   \$644	<b></b>					
1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995						
\$560	<b></b>					
\$423						
\$275   \$420	-					
Seli						
Section   Sect	-					<del></del> -
5530   5400   AGGGUAGC   VIGACACAU   10923   AUGUIUCA CUGAUGAG GECGULUAGGC CGAA IUCACCU   29298   5635   5395   SOCAUGACA   VIGACACCAU   10924   AUGUIUCAG CUGAUGAG GECGULUAGGC CGAA IUCACCU   29299   5637   5393   CAUGACA   VIGACACCAU   10926   AUGUIUCAG CUGAUGAG GECGULUAGGC CGAA IUCACCU   29290   5642   5388   AUGACAUCA   A CAACACAU   10926   AUGUIUCAG CUGAUGAG GECGULUAGGC CGAA IUCAGUGU   29300   5648   5385   AUGACAUCA   A CAACUCAC   10927   AGGARUIGU   CUGAUGAG GECGULUAGGC CGAA IUCAGUGU   29301   5648   5385   AUGACAUCA   A CAACUCAC   10927   AGGARUIGU   CUGAUGAG GECGULUAGGC CGAA IUCAGUGU   29301   5648   5386   AUGACAUCA   A NOTICATU   10928   AAUGAGAU   CUGAUGAG GECGULUAGGC CGAA IUCAGUGU   29301   5652   5377   CUCAUUUC   A UUUCCAUU   10930   AAUGGAAA CUGAUGAG GECGULUAGGC CGAA IAAUGUGU   29304   5654   5376   ACAAUCAC   A UUUCCAUU   10930   AAUGGAAA CUGAUGAG GECGULUAGGC CGAA IAAUGUGU   29305   5666   5370   UCAUUUCC   A UUUAUGUU   10931   AACAUCAA CUGAUGAG GECGULUAGGC CGAA IAAAUCAC   29306   5669   5370   UCAUUUCC   A UUAUGUGU   10931   AACAUCAA CUGAUGAG GECGULUAGGC CGAA IAAAUCAC   29307   5669   5361   UUAUGUUC   GEGCAC   10933   GUGCCCAG CUGAUGAG GECGULUAGGC CGAA IAAAUCAC   29305   5679   5352   CUGGGGAC   10934   CAGUGCCC CUGAUGAG GECGULUAGGC CGAA IAAAUCAC   29305   5679   5352   CUGGGGAC   10934   AUGAGGAG CUGAUGAG GECGULUAGGC CGAA IAAAUCAC   29305   5679   5352   CUGGGGAC   10936   GACGUCAC   10934   AUGAGGAG CUGAUGAG GECGULUAGGC CGAA IAACAUCAC   5679   5352   CUGGGGAC   U GGGGAUG   10934   AUGAGGAG CUGAUGAG GECGULUAGGC CGAA IACACCAG   29311   5670   5330   GAGCGGC   U GGGGAUG   10934   AUGAGGAG CUGAUGAG GECGULUAGGC CGAA IACACCAG   29312   5670   5332   GAGAGGGC   U GGGGAUG   10934   AUGAGGAG CUGAUGAG GECGULUAGGC CGAA IACACCAG   29314   5770   5333   GGCCCGUC   U GGAUGAG CUGAUGAG CUGAUGAG GECGULUAGGC CGAA IACACCAG   29314   5770   5331   GUCCAGC   U CUCAGGG LO 10944   AUGAGCAC CUGAUGAG GECGULUAGGC CGAA IACACCAC   29316   5771   5333   CUCAGGGC   C AUCAGGAG   10945   GAGGGGAG CUGAUGAG GECGULUAGGC CGAA						
5637   5395   ACAUGACA   UGACACA   10924   AUGUCAUGA GCCGUUAGGC GGAA IUCAUGCU   29299   5637   5398   CACAUGACA   UGACACA   10925   AUGUGUGA CUGAUGA GCCGUUAGGC GCAA IUCAUGU   29301   5645   5385   CACAUGACA   UCACACAU   10926   AUGUGUGA CUGAUGAG GCCGUUAGGC GGAA IUCAUGUG   29301   5645   5385   AUGACAUC   A ACAUCUC   10927   GAGAUUGU CUGAUGAG GCCGUUAGGC GGAA IUCAUGUG   29303   5648   5385   ACAUCACA   AUCUCAUCU   10928   AAGUGAGAU CUGAUGAG GCCGUUAGGC GGAA IUUGAUGU   29303   5552   5378   CACACAUC   U CAUUUCCA   10929   UGGAAAUG GCCGUUAGGG GGAA IUUGAUGU   29303   5555   5376   ACAACGC   U UUUCAUU   10928   AAGUGAGAU CUGAUGAG GCCGUUAGGC GGAA IUUGAUGU   29305   5555   5376   ACAACGC   U UUUCAUUU   10931   AACQUAA   GCCGUUAGGC GGAA IAUGUGU   29305   5656   5370   CUCAUUCC   UUUAUGUU   10931   AACQUAA   CUGAUGAG GCCGUUAGGC GGAA IAAUGUGU   29305   5669   5361   UUAUGUGU   CUGAUGAG GUGCCAG CUGAUGAG GCCGUUAGGC GGAA IAACAUA   29308   5571   5359   AUGUUCUC   UGAGCAC   10933   GAACAUCA   CUGAUGAG GCCGUUAGGC GGAA IAACAUA   29308   5576   5354   CUCUGGGCA   01936   01935   ACQUACCA   CUGAUGAG GCCGUUAGGC GGAA IAACAUA   29308   5576   5354   CUCUGGGCA   01936   01936   ACQUACCA   CUGAUGAG GCCGUUAGGC GGAA IAACAUA   29308   5576   5354   CUCUGGGCA   01936   01936   ACQUACCA   CUGAUGAG GCCGUUAGGC GGAA IAACAUA   29308   5576   5354   CUCUGGGCA   01936   01936   ACQUACCA   CUGAUGAG GCCGUUAGGC GGAA IAACAUA   29308   5576   5354   CUCUGGGCA   CUGAUCAG   10936   ACQUACCA   CUGAUGAG GCCGUUAGGC GGAA IAACAUA   29308   5576   5354   CUCUGGGCA   CUGAUCAG   10936   ACQUACCA   CUGAUGAG GCGUUAGGC GGAA IAACAUA   29310   3527   GAUGGCCA   CUGAUGAG GCGUUAGGC GGAA IAACAUA   29311   35576   3532   GGAUGGC   GGAUGCGG   10936   ACQUACCA   CUGAUGAG GCGUUAGGC GGAA IACACACCA   29311   35707   5323   GGCAGUC   CUCAGUGG   10936   ACQUACCA   CUGAUGAG GCGUUAGGC GGAA IACACACC   29314   35707   5323   GGCAGUC   CUCAGUGG   10940   ACAGACAC   CUGAUGAG GCGUUAGGC GGAA IACACACC   29315   5708   5322   GGCAGCC   CAGACCAC   10940   GAAGACAC   CUGAUGAG GCGUUAGGC	-					
5393   CAUGACAC   NGACAUCA   10925   UGRUGUICA CUGAUGAG GECGUUAGGC CGAA IUGUCAUG   29301	5630					
5642   5388   CACARGAC A UCAACARU   10926   AUUGUUGA CUGAUGAG CECGUUAGGE CGAA IUCAUGUG   29301   5648   5385   AUGACANC A ACCAUCUU   10927   GAGAUGUG CUGAUGAG CECGUUAGGE CGAA IUUGUUGA   29302   5658   5378   CAACARUC U CAUUUCCA   10929   UGGAAAUG CUGAUGAG CECGUUAGGE CGAA IUUGAUGU   29303   5652   5378   CAACARUC U CAUUUCCA   10929   UGGAAAUG CUGAUGAG CECGUUAGGE CGAA IUUGAUGU   29303   5654   5375   ACAACAUC U CAUUUCCA   10929   UGGAAAUG CUGAUGAG CECGUUAGGE CGAA IUUGAUGU   29305   5659   5371   CUCAUUUC C AUUAUGUU   10931   AACAACAU CUGAUGAG CECGUUAGGE CGAA IAAUGAG   29305   5669   5370   UCAAUGUC C AUUAUGUU   10932   GAACAUA CUGAUGAG CECGUUAGGE CGAA IAAUGAG   29305   5669   5361   UUAUGUUC U CUGGGCAC   10933   GUGCCCAG CUGAUGAG CECGUUAGGE CGAA IAAUGAG   29305   5676   5354   CUCUGGGCA C UGGGCACGU   10934   CAGUCCC CUGAUGAG CECGUUAGGE CGAA IAACAUA   29308   5676   5354   CUCUGGGCA C UGGGCACGU   10934   CAGUCCC CUGAUGAG CECGUUAGGE CGAA IAACAUCA   29308   5678   5354   CUCUGGGCA C UGGGCACGU   10935   AUCCGCAC CUGAUGAG CECGUUAGGE CGAA IACACCAG   29310   5678   5352   CUGGGCAC U GCGGAUGGU   10936   AUCCGCAC CUGAUGAG CECGUUAGGE CGAA IACACCAG   29310   5679   5352   CUGGGCAC U GCGGAUGG   10936   AUCCGCAC CUGAUGAG CECGUUAGGE CGAA IACACCCG   29315   5670   5352   CUGGGCAC U GCGGAUGGG   10936   ACAUCCGC CUGAUGAG CECGUUAGGE CGAA IUACCCGA   29315   5703   5327   GGAUGGC U GCCUCAGUG   10936   ACAUCCGC CUGAUGAG CECGUUAGGE CGAA IUACCCGA   29315   5703   5322   GGCAGUCC U CUCAGUG   10939   GAGAGGAC CUGAUGAG   CCGUUAGG CGAA ICCACCAG   29315   5704   5336   UCUGGGAC C UCCAGUG   10940   GACCUGAG CUGAUGAG   CCGUUAGG CGAA ICCACCAG   29315   5707   5322   GGCAGUCC U CCAGUGG   10941   GACCUGAG CUGAUGAG   CCGUUAGGC CGAA ICCACCCC   29315   5708   5322   GGCAGUCC U CCAGUGG   10941   GACCUGAG CUGAUGAG   CCGUUAGGC CGAA ICCACCC   29315   5710   5325   CAGGCCCU U A GUGCUCC   10940   GCCGUGAG CUGAUGAG   CCGUUAGGC CGAA ICCACCC   29315   5712   5318   GUCCCCC A GUGCCCC   10940   GCCGUGAG CUGAUGAG   CCGUUAGGC CGAA ICCACCC   29315   5712   531						
Sefe	5637	5393				
S588   S382   ACAUCARC A ADCUCATU   10928   AAUGARAU CUGAUGAG   GCCGUUAGGC   CGAA IAUUGAUUG   29304	5642	5388				
S652   S378   CAACABUC U CRUIUUCCA   10929   UGGAAAUG CUGAUGGG CGAA LAUGUUG   29305   S6584   S376   ACABUCUC A UUUCCAUU   10930   AAUGGAA CUGAUGAG CCGUUAGGC CGAA LAUGUUG   29305   S6595   S371   CUCAUUUC C AUUAUGUUC   10932   GAACAUAA CUGAUGAG CCGUUAGGC CGAA LAAUGAG   29305   S6696   S370   UCAUUUCC A UUAUGUUC   10932   GAACAUAA CUGAUGAG CCGUUAGGC CGAA LAAUGAG   29305   S669   S361   UUAUGUUC U GGGGCACU   10932   GAACAUAA CUGAUGAG CCGUUAGGC CGAA LAAUGAA   29307   S678   S352   CUGGGGCAC   UGGGGAUG   10934   CAGUGCC CUGAUGAG CCGUUAGGC CGAA LAAUGAA   29308   S678   S352   CUGGGCAC U GCGGAUGU   10935   ACCAUCAC CUGAUGAG   CCCGUUAGGC CGAA LACACUAA   29308   S678   S352   CUGGGCAC U GCGGAUGU   10936   ACAUCAC CUGAUGAG   CCCGUUAGGC CGAA LACACUAA   29308   S678   S352   CUGGGCAC U GCGGAUGU   10936   ACAUCAC CUGAUGAG   CCCGUUAGGC CGAA LACACUAC   29311   S688   S342   CUGGGCAC U GCGGAUGGU   10936   ACAUCAC CUGAUGAG   CCCGUUAGGC CGAA LACACUAC   29311   S689   S327   GGAUGGC C GAUGGGC   10937   CCGGGAC CUGAUGAG   CCCGUUAGGC CGAA LACACUAC   29311   S694   S336   UCUGGUAC C GAUGGGG   10937   CCGGGAC CUGAUGAG   CCCGUUAGGC CGAA LACACUAC   29314   S697   S327   GGAUGGGC C UCUCAGUG   10940   CACUGAGA   CCGGUUAGGC CGAA LACACUAC   29314   S703   S327   GGAUGGCC C UCUCAGUG   10940   CACUGAGA   CCGGUUAGGC CGAA LACACUC   29314   S706   S322   GGACAUC C UCUCAGUG   10940   CACUGAGA   CUGAUGAG   CCCGUUAGGC CGAA LACAUCC   29316   S710   S322   GGACAUC C UCUCAGUG   10940   CACUGAGA   CUGAUGAG   CCCGUUAGGC   CGAA LACAUCC   29316   S711   S313   CUCAGUGC LA GUGCUUC   10943   UGAACACU   CUGAUGAG   CCCGUUAGGC   CGAA LACAUCC   29316   S712   S313   CUCAGUGC LA GUGCUUC   10943   UGAACACU   CUGAUGAG   CCCGUUAGGC   CGAA LACAUCC   29316   S712   S313   CUCAGUGC LA GUGCUUC   10943   UGAACACU   CUGAUGAG   CCCGUUAGGC   CGAA LACAUCC   29316   S712   S310   CUUCAGUG LA GUGCUUC   10945   GAGAUGGC   CUGAUGAG   CCCGUUAGGC   CGAA LACAUCC   29316   S712   S310   CUCAGUGC LA GUCCACUC   10945   GAGAUGGC   CUGAUGAG   CCCGUUAGGC   CGAA LACAUCC   29316   S71	5645	5385		10927		
5554   5376   ACARDUUC A DUUCCADU   10930   AAUGGAAA CUGAUGAG   GCGUUAGGC   GGAA LAGAUUGU   29305   5659   5371   CUCADUUC C AUUAUGUUC   10932   GAACAUAA CUGAUGAG   GCCGUUAGGC   GCAA LAGAUGA   29306   5660   5370   UCAUUUCC A UUAUGUUC   10932   GAACAUAA CUGAUGAG   GCCGUUAGGC   GCAA LAGAUGA   29306   5660   5370   UCAUUUCC A UUAUGUUC   10932   GAACAUAA CUGAUGAG   GCCGUUAGGC   GCCAA LAGAUGA   29306   5660   5370   UUAUGUUC U GUGCCAG   10933   GUGCCCAG   GUGAUGAG   GCCGUUAGGC   GCAA LAGAUCAU   29308   5676   5354   CUCUGGGC A CUGCGGAU   10935   ADCCGCAG   CUGAUGAG   GCCGUUAGGC   GCAA LAGAUCAU   29308   5676   5354   CUCUGGGC A CUGCGGAUG   10935   ADCCGCAG   CUGAUGAG   GCCGUUAGGC   GCAA LAGAUCAU   29308   5678   5352   CUCUGGGC A CUCCGGAUGU   10935   ADCCGCAG   CUGAUGAG   GCCGUUAGGC   GCAA LAGAUCAU   29311   5688   5342   CUGAUGUC U   GCGGUUAGCC   10937   CCGGUUACC   CUGAUGAG   GCCGUUAGGC   GCAA LACAUCAU   29311   5688   5342   CUGAUGUC   CUGAUGAG   10938   GCCCAUCC   CUGAUGAG   GCCGUUAGGC   GCAA LACAUCAU   29311   5703   5327   GGAUGGCC   GUGCCUU   10939   GCCCAUCC   CUGAUGAG   GCCGUUAGGC   GCAA LACAUCAU   29313   600000000000000000000000000000000000	5648	5382	ACAUCAAC A AUCUCAUU	10928		
5659   5371	5652	5378	CAACAAUC U CAUUUCCA	10929		
See	5654	5376		<del></del>		<del> </del>
Section	5659	5371	CUCAUUUC C AUUAUGUU	10931		
S571   S355   AUGUUCUC U GGGCACUG 10934   CAGUGCC CUGAUGAG GCCGUUAGGC CGAA IAGAACAU 29309   S676   S354   CUCUGGGC A CUGCGGAU 10935   AUCCGCAG CUGAUGAG GCCGUUAGGC CGAA ICCCAGAG 29310   S5768   S352   CUGGGCAC U GGGCGAUGU 10936   ACCUCACC CUGAUGAG GCCGUUAGGC CGAA ICCCAGAG 29311   S688   S342   CGGAUGUC U GGUACCGG 10937   CCCGUACC CUGAUGAG GCCGUUAGGC CGAA ICACACCG 29312   S5768   S352   CUCUGGUAC C GGAUGGC 10938   ACCACCCC CUGAUGAG GCCGUUAGGC CGAA IACAUCCG 29312   CGCAUGCC CUGAUGAG CGAA ICCCAGAG 29313   CGCAUCC CUGAUGAG CGCGUUAGGC CGAA IACAUCCG 29315   CGCAUCCC CUCAGAGA CUGAUGAG CGAA ICCCAGA 29313   CGCAUCC CUGAUGAG CGAA ICCCAGA 29313   CGCAUCC CUCAGGA CUGAUGAG CGAA ICCCAGA 29313   CGCAUCC CUCAGGA CUGAUGAG CGAA ICACACCC 29315   CGCAUCCC CUCAGGA CUCACAGA CUGAUGAG CGAA ICACGAC 29315   CGCAUCCC CUCAGGA CUCACAGA CUGAUGAG CGAA IACAUCC 29316   CGCAUCCC CUCAGGA CUCACAGA CUGAUGAG CGAA IACAUCC 29315   CGCAUCCC CUCAGGA CUCACAGA CUGAUGAG CGCGUUAGGC CGAA IACAUCC 29316   CGCAUCCC CUCAGGA CUCACAGA CUCACAGA CUCACAGA CUCACAGA CUCACAGA CUCACAGA CUCACAGA CUCACAGA CACCACAC CUCACAGA CUCACAGA CUCACAGA CUCACAGA CUCACAGA CACCACAC CUCACAGA CUCACAGA CACCACACAC CUCACAGA CACCACAC CUCACAGA CACCACACAC CUCACAGA CACCACACAC CUCACAGA CACCACAC CUCACAGA CACCACAC CUCACAGA CACCACACAC CUCACAGA CACCACACAC CUCACAGA CACCACAC CUCACAGA CACCACAC CUCACAGA CACCACACAC CUCACACAC CU	5660	5370	UCAUUUCC A UUAUGUUC	10932	GAACAUAA CUGAUGAG GCCGUUAGGC CGAA IGAAAUGA	29307
S576   S354	5669	5361	UUAUGUUC U CUGGGCAC	10933	GUGCCCAG CUGAUGAG GCCGUUAGGC CGAA IAACAUAA	29308
S578   S352   CUGGGCAC U GCGGAUGU   10936   ACAUCCGC CUGAUGAG   GCCGUUAGGC   CGAA IUGCCCAG   29311	5671	5359	AUGUUCUC U GGGCACUG	10934	CAGUGCCC CUGAUGAG GCCGUUAGGC CGAA IAGAACAU	29309
S588   S342   GGGAUGUC U GGUACCGG   10937   CCGGUACC CUGAUGAG   GCCGUUAGGC   CGAA IACAUCCG   29312   5694   5336   UCUGGUAC C GGAUGGGC   10938   GCCCAUCC CUGAUGAG   GCCGUUAGGC   CGAA IACACCACA   29313   5703   5327   GGAUGGGC A GUCCUCUC   10939   GAGAGGAC CUGAUGAG   GCCGUUAGGC   CGAA IACACCACA   29314   5707   5323   GGGCAGUC C UCUCAGUG   10940   CACUGAGA   CUGAUGAG   GCCGUUAGGC   CGAA IACUGCCC   29315   5708   5322   GGCAGUC C UCUCAGUG   10941   GCACUGAG   CUGAUGAG   GCCGUUAGGC   CGAA IACUGCCC   29315   5710   5320   CAGUCCUC U CAGUGCU   10942   AAGCACUG   CUGAUGAG   GCCGUUAGGC   CGAA IACACUGCC   29315   5712   5318   GUCCUCUC A GUGCUU   10942   AAGCACUG   CUGAUGAG   GCCGUUAGGC   CGAA IACACUGCC   29315   5712   5313   CUCAGUGC U UCAGCCAU   10944   AUGGCUGA   CUGAUGAG   GCCGUUAGGC   CGAA IACACUGA   29317   5723   5307   GCUUCAGC   AUCUCAGC   10944   AUGGCUGA   CUGAUGAG   GCCGUUAGGC   CGAA IACACUGA   29315   5723   5307   GCUUCAGC   AUCUCAGC   10946   GCUGAGAB   CUGAUGAG   GCCGUUAGGC   CGAA IACACUGA   29322   5724   5306   CUUCAGCC   AUCUCAGC   10946   GCUGAGAB   CUGAUGAG   GCCGUUAGGC   CGAA IACACUC   29322   5727   5303   CAGCCAUC   U CAGCAGAC   10947   UGCUGAGA   CUGAUGAG   GCCGUUAGGC   CGAA IACACUGA   29322   5723   5301   GCGUUCAG   AUCUCAGC   10948   GGCUGCAGAB   CUGAUGAG   GCCGUUAGGC   CGAA IACACUGA   29323   5732   5298   AUCUCAGC   AUCUCAGC   10948   GGCUGCAGA   CUGAUGAG   GCCGUUAGGC   CGAA IACACUGA   29324   5732   5298   AUCUCAGC   AUCUCAGC   10948   GGCUGCUGA   CUGAUGAG   GCCGUUAGGC   CGAA IACACUGA   29325   5735   5295   UCAGCAG   ACACCCUG   10951   AGGGUUG   CUGAUGAG   GCCGUUAGGC   CGAA IACACUGA   29326   5736   5294   CAGCACC   ACACCCUC   10951   AGGGUUG   CUGAUGAG   GCCGUUAGGC   CGAA IACACUGA   29326   5736   5294   CAGCACC   CACACCCU   10951   AGGGUUG   CUGAUGAG   GCCGUUAGGC   CGAA IACACGC   29326   5736   5294   CAGCACC   CACACCCUC   10951   AGGGUUG   CUGAUGAG   GCCGUUAGGC   CGAA IACACGC   29326   5736   5294   CAGCACC   CACACCC   10951   AGGGUUG   CUGAUGAG   GCCGUUAGGC   CGAA IACACGC   29326	5676	5354	CUCUGGGC A CUGCGGAU	10935	AUCCGCAG CUGAUGAG GCCGUUAGGC CGAA ICCCAGAG	29310
1994   5336	5678	5352	CUGGGCAC U GCGGAUGU	10936	ACAUCCGC CUGAUGAG GCCGUUAGGC CGAA IUGCCCAG	29311
5703   5327   GGAUGGGC A GUCCUCC   1933   GAGAGGAC CUGAUGAG   GCCGUUAGGC   CGAA IACUGCCC   29314   5707   5323   GGGCAGUC C UCUCAGUG   10940   CACUGAGA CUGAUGAG   GCCGUUAGGC   CGAA IACUGCCC   29315   5708   5322   GGCAGUCC U CUCAGUGC   10941   GCACUGAG   GCGGUUAGGC   CGAA IACUGCCC   29315   5710   5320   CAGUCCUC U CAGUGGC   10941   GCACUGAG   GCAGUUAGGG   CGAA IAGAGGAC   29315   5710   5320   CAGUCCUC U CAGUGCUU   10942   AAGCACUG   CUGAUGAG   GCCGUUAGGC   CGAA IAGAGGAC   29317   5712   5318   GUCCUCUC A GUGCUCCA   10943   UGAAGCAC   CUGAUGAG   GCCGUUAGGC   CGAA IACAGGAC   29318   5717   5313   CUCAGUGC U UCACCCAU   10944   AUGGCUGA   CUGAUGAG   GCCGUUAGGC   CGAA IACAGGAC   29318   5717   5313   CUCAGUGC   UCACCCAU   10944   AUGGCUGA   CUGAUGAG   GCCGUUAGGC   CGAA IACACGAG   29319   5720   5310   AGUGCUUC   A GCCAUCCU   10945   GAGAUGGC   CUGAUGAG   GCCGUUAGGC   CGAA IACACGAC   29320   5723   5307   GCUUCAGC   AUCUCAGC   10946   GCUGAGAU   CUGAUGAG   GCCGUUAGGC   CGAA IACACGAC   29321   5724   5306   CUUCAGCC   AUCUCAGCA   10947   UGCUGAGA   CUGAUGAG   GCCGUUAGGC   CGAA IACACGAC   CUGAUGAG   GCCGUUAGGC   CGAA IACACGAC   29323   5729   5301   GCCAUCUC   A GCCACCAC   10948   GGCUGUC   CUGAUGAG   GCCGUUAGGC   CGAA IACACGAG   29324   5732   5298   AUCUCAGC   A GCCACAAC   10950   GUUGUGGC   CUGAUGAG   GCCGUUAGGC   CGAA IACACGC   29325   5735   5295   UCAGCAGC   A CAACCCCU   10951   AGGGUUGU   CUGAUGAG   GCCGUUAGGC   CGAA IACACCAC   29326   5736   5294   CACCACCC   A CAACCCCU   10951   AGGGUUGU   CUGAUGAG   GCCGUUAGGC   CGAA IACACCAC   29326   5736   5295   UCAGCAGC   A CAACCCCU   10951   AGGGUUGU   CUGAUGAG   GCCGUUAGGC   CGAA IACACCAC   29327   5738   5292   GCAGCAC   A CACCCUG   10953   ACCAGGGU   CUGAUGAG   GCCGUUAGGC   CGAA IACACCAC   29327   5738   5295   UCAGCAGC   CACACCCC   10951   AGGGUUGU   CUGAUGAG   GCCGUUAGGC   CGAA IACACCAC   29328   5742   5288   CACAACC   CUGAUGAG   10957   CACAACCC   UGAUGAG   GCCGUUAGGC   CGAA IACACCAC   29337   5757   GUUGGUGC   A GACCACGAC   10957   ACCAACCC   CUGAUGAG   GCCGU	5688	5342	CGGAUGUC U GGUACCGG	10937	CCGGUACC CUGAUGAG GCCGUUAGGC CGAA IACAUCCG	29312
5707   5323   GGCAGUC C UCUCAGUG   10940   CACUGAGA CUGAUGAG   GCCGUUAGGC   CGAA IACUGCCC   29315   5708   5322   GGCAGUCC U CUCAGUGC   10941   GCACUGAG CUGAUGAG   GCCGUUAGGC   CGAA IACUGCCC   29316   5710   5320   CAGUCCUC U CAGUGCUU   10942   AAGCACUG CUGAUGAG   GCCGUUAGGC   CGAA IACAGGAC   29317   5712   5318   GUCCUCUC A GUGCUUCA   10944   AUGGCUGA   CUGAUGAG   GCCGUUAGGC   CGAA IACAGGAC   29318   5717   5313   CUCAGUGC U UCAGCCAU   10944   AUGGCUGA   CUGAUGAG   GCCGUUAGGC   CGAA IACAGGAC   29319   5720   5310   AGUGCUUC A   GCCAUCUC   10945   GAGAUGGC   CUGAUGAG   GCCGUUAGGC   CGAA IACACGAC   29321   5724   5306   CUUCAGCC   AUCUCAGC   10945   GAGAUGGC   CUGAUGAG   GCCGUUAGGC   CGAA ICACUGAG   29322   5724   5306   CUUCAGCC   AUCUCAGC   10946   GCUGAGGA   CUGAUGAG   GCCGUUAGGC   CGAA ICCUGAGG   29322   5727   5303   CAGCCAUC   CAGCACACA   10949   GUGGCUGC   CUGAUGAG   GCCGUUAGGC   CGAA ICCUGAGG   29323   5727   5303   CAGCCAUC   CAGCACACA   10949   GUGGCUGC   CUGAUGAG   GCCGUUAGGC   CGAA IACUGAGC   29323   5722   5301   GCCAUCAG   A GCCACACA   10949   GUGGCUGC   CUGAUGAG   GCCGUUAGGC   CGAA ICCUGAGGA   29324   5732   5298   AUCUCAGC   A GCCACACA   10949   GUGGCUGC   CUGAUGAG   GCCGUUAGGC   CGAA ICCUGAGGA   29325   5735   5295   UCAGCAGC   CACACACC   10950   GUUGUGGC   CUGAUGAG   GCCGUUAGGC   CGAA ICCUGAGA   29325   5736   5294   CAGCAGCC   A CACCCUG   10951   AGGGUUG   CUGAUGAG   GCCGUUAGGC   CGAA ICCUGAGA   29326   5736   5294   CAGCACAC   CACACCCUG   10952   CAGGGUUG   CUGAUGAG   GCCGUUAGGC   CGAA ICCUGAGGA   CUGAUGAG   CGAA ICCUGAGGA   CACCACAC   10950   GUUGUGGC   CUGAUGAG   GCCGUUAGGC   CGAA ICCUGAGGA   CACCACAC   CUGAUGAG   GCCGUUAGGC   CGAA ICCUGAGGA   CACCACAC   CUGAUGAG   GCCGUUAGGC   CGAA ICCUGAGGA   CACCACAC   CUGAUGAG   GCCGUUAGGC   CGAA ICUGAGGA   CACACACC   CUGAUGAG   GCCGUUAGGC   CGAA ICUGAGGA   CACACACC   CUGAUGAG   GCCGUUAGGC   CGAA ICUGAGGA   CACACACC   CUGAUGAG   GCCGUUAGGC   CGAA ICCACCAC   CACACACC   CUGAUGAG   GCCGUUAGGC   CGAA ICCACACC   CACACACC   CUGAUGAG   GCCGUUAGGC   CGAA ICCC	5694	5336	UCUGGUAC C GGAUGGGC	10938	GCCCAUCC CUGAUGAG GCCGUUAGGC CGAA IUACCAGA	29313
\$707   \$323   GGCAGUC C UCUCAGUG   10940   CACUGAGA CUGAUGAG GCCGUUAGGC CGAA TACUGCCC   29315   5708   5322   GGCAGUCC U CUCAGUGC   10941   GCACUGAG CUGAUGAG GCCGUUAGGC CGAA TAGAGUGC   29315   5710   5320   CAGUCCUC U CAGUGCUU   10942   AAGCACUG CUGAUGAG GCCGUUAGGC CGAA TAGAGGCC   29317   5712   5318   GUCCUCUC A GUGCUUCA   10943   UGAAGCAC CUGAUGAG GCCGUUAGGC CGAA TAGAGGCC   29317   5717   5313   CUCAGUGC U UCAGCCAU   10944   AUGGCUGA CUGAUGAG GCCGUUAGGC CGAA TAGAGCAC   29319   5720   5310   AGUGCUUC A GCCAUCC   10945   GAGAGGC CUGAUGAG GCCGUUAGGC CGAA TAAGCACU   29320   5723   5307   GCUUCAGC C AUCUCAGC   10946   GCUGAGGAU CUGAUGAG GCCGUUAGGC CGAA TAAGCACU   29321   5724   5306   CUUCAGCC A UCUCAGCA   10947   UGCUGAGA CUGAUGAG GCCGUUAGGC CGAA TAAGCACU   29322   5727   5303   CAGCCAUC U CAGCAGCC   10948   GGCUGCU CUGAUGAG GCCGUUAGGC CGAA TAUGGCUG   29323   5729   5301   GCCAUCUC A GCAGCCAC   10948   GGCUGCU CUGAUGAG GCCGUUAGGC CGAA TAUGGCUG   29323   5729   5301   GCCAUCUC A GCAGCCAC   10948   GGCUGC CUGAUGAG GCCGUUAGGC CGAA TAUGGCUG   29323   5735   5295   UCAGCAGC A GCCACACAC   10950   GUUGUGC CUGAUGAG GCCGUUAGGC CGAA TACUCAGA   29324   5735   5295   UCAGCAGC C ACAACCCU   10951   AGGGUUG CUGAUGAG GCCGUUAGGC CGAA TACUGAGA   29325   5736   5294   CAGCAGCC A CAACCCUG   10952   CAGGGUUG CUGAUGAG GCCGUUAGGC CGAA TACUGAGA   29326   5736   5294   CAGCAGCC A CAACCCUG   10953   ACCAGCGC CUGAUGAG GCCGUUAGGC CGAA TACUGCUG   29327   5738   5292   GCAGCACA C ACACCCUG   10953   ACCAGCGC CUGAUGAG GCCGUUAGGC CGAA TACUGCUG   29327   5736   5294   CAGCAGCC C GAACCCUG U0953   ACCAGCAGC CUGAUGAG GCCGUUAGGC CGAA TACUGCUG   29327   5736   5297   GCACAAC C CUGAUGAG GCCGUUAGGC CGAA TACUGCUG   29327   5736   5297   GUUGGGC CAA ACCCUGG U0953   ACCAGCAC C CUGAUGAG GCCGUUAGGC CGAA TAUGUGC   29332   5742   5288   CACAACC C UGGUUGG 10954   ACCAGCAC C UGAUGAG GCCGUUAGGC CGAA TACUGCUG   29332   5743   5287   CACACCC C UGGUUGG 10954   ACCAGCAC C UGAUGAG GCCGUUAGGC CGAA TACCCAC   29335   5743   5257   GUUGGGC CAA GCCGUUAGGC CGAA TACCCAC C		5327	GGAUGGGC A GUCCUCUC	10939	GAGAGGAC CUGAUGAG GCCGUUAGGC CGAA ICCCAUCC	29314
5708   5322   GGCAGUCC U CUCAGUGC 10941   GCACUGAG CUGAUGAG GCCGUUAGGC CGAA IGACUGCC 29316				10940	CACUGAGA CUGAUGAG GCCGUUAGGC CGAA IACUGCCC	29315
5710		<del></del>	GGCAGUCC U CUCAGUGC	10941	GCACUGAG CUGAUGAG GCCGUUAGGC CGAA IGACUGCC	29316
5712         5318         GUCCUCUC A GUGCUUCA         10943         UGAAGCAC CUGAUGAG         CUGAUGAG         CCAUUAGCAU         10944         AUGACUGA         CUGAUGAG         CCAN         LAGAGCAC         29318           5717         5313         CUCAGIGC U UCAGCAU         10945         GAGAUGAC         CUGAUGAG         CCAN         LACCUGAC         29319           5720         5310         AGUGCUUC A GCAUCUC         10946         GUGAGAUGAG         CUGAUGAG         CCAN         LAAGCACU         29321           5724         5306         CUUCAGC C A UCUCAGC         10946         GUGAGAU CUGAUGAG         GCGUUAGGC         CGA         LUCAGCA         29322           5727         5303         CAGCACU U CAGCAGC         10948         GGCUGCU GUGAUGAG         GCGUUAGGC         CGA         LUGAGCAG         29322           5729         5301         GCCAUCUC A GCACACC         10949         GUGGCUGC         CUGAUGAG         CCGAL LAUGGCUG         29324           5732         5298         AUCUCAGC A GCACAAC         10950         GUUGUGGC         CUGAUGAG         CCGAL LAUGGCUG         29324           5735         5295         UCAGCAGC         A CACACCCU         10950         GUGGUGG         CUGAUGAG         CGAA LCUGUGG         29326 <td></td> <td></td> <td></td> <td>10942</td> <td>AAGCACUG CUGAUGAG GCCGUUAGGC CGAA IAGGACUG</td> <td>29317</td>				10942	AAGCACUG CUGAUGAG GCCGUUAGGC CGAA IAGGACUG	29317
5717         5313         CUCAGUGC U UCAGCCAU         10944         AUGCUGA CUGAUGAG         CCGUUAGG         CAA ICACUGAG         29319           5720         5310         AGUGCUUC A GCCAUCUC         10945         GAGAUGGC CUGAUGAG         CCGUUAGGC         CAAL ILAGCACU         29320           5723         5307         GCUUCAGC C         AUCUCAGCA         10946         GCUGAGAU CUGAUGAGG         CCGUUAGGC         CAAL ICUGAGCA         29321           5724         5306         CUUCAGCC A         UCUCAGCA         10947         UGCUGAGA         CUGAUGAG         CCGUUAGGC         CAAL         10948         GGCUGCUG         CUGAUGAG         CCGUUAGGC         CGAA         ICUGAGCU         29323           5729         5301         GCCAUCUC         A GCACACA         10949         GUGGCUGC         CUGAUGAG         CCGAA         IAUGGCUG         29324           5732         5298         AUCUCAGC         A CACACCCU         10951         AGGGUGC         CUGAUGAG         CCAA         IAUGGCUG         29325           5736         5294         CAGCAGCC         A CACCCUG         10952         CAGGGUU         CUGAUGAG         CCGUUAGGC         CGAA         ICUGAUGA         29326           5741         5289         GCCACAAC				10943	UGAAGCAC CUGAUGAG GCCGUUAGGC CGAA IAGAGGAC	29318
5720         5310         AGUGCUUC A GCCAUCUC         10945         GAGAUGGC CUGAUGAG         CUGAUGAG         COGULAGGC COMUCUCAGC         10946         GUUGAGAU CUGAUGAG         GCCGUUAGGC COGAA ICUGAAGC         29321           5724         5306         CUUCAGCC A UCUCAGCA         10947         UGCUGAGA CUGAUGAG         GCCGUUAGGC COGAA ICUGAGAG         29322           5727         5303         CAGCCAUC U CAGCAGCC         10948         GGCUGUC CUGAUGAG         GCCGUUAGGC COGAA IAGAUGC         29323           5729         5301         GCCAUCUC A GCACCAC         10949         GUGGCUG CUGAUGAG         GCCGUUAGGC COGAA IAGAUGC         29324           5732         5298         AUCUCAGC A GCCACAC         10950         GUUGUGG CUGAUGAG         GCCGUUAGGC COGAA ICUGAGUA         29325           5735         5295         UCAGCAGC C ACAACCCU         10951         AGGGUUG CUGAUGAG         GCCGUUAGGC COGAA ICUGAGUA         29326           5736         5294         CAGCAGCC A CAACCCU         10951         AGCAGGU CUGAUGAG         GCCGUUAGGC COGAA ICUGAGUA         29327           5738         5292         GCACCAAC C CUGGUUGU         10953         ACCACAGC UGAUGAG         GCCGUUAGGC COGAA IUUGUGA         29328           5741         5289         GCCACAAC C CUGGUUGU         10954         ACCAACC CUGAUGAG<		<del></del>		10944	AUGGCUGA CUGAUGAG GCCGUUAGGC CGAA ICACUGAG	29319
5723         5307         GCUUCAGC         AUCUCAGC         10946         GCUGAGAU         CUGAUGAG         CADUCAGCA         29321           5724         5306         GUUCAGCA         A UCUCAGCA         10947         UGCUGAGA         CUGAUGAG         CGAA         ICUGAGAG         29322           5727         5303         CAGCCAUC         U CAGCAGCCA         10949         GUUGUGCU         GUGAUGAG         CCAA         ALUGAGC         29322           5729         5301         GCCAUCUC         A GCAGCAC         10949         GUGGUGC         CUGAUGAG         GCCGUUAGGC         CGAA         IALGAUGG         29324           5732         5298         AUCUCAGC         A GCCACACAC         10950         GUUGUGGC         CUGAUGAG         CGAA         IALGAUGG         29325           5736         5294         CAGCAGCC         A CACCCUG         10952         CAGGGUUG         CUGAUGAG         CGAA         ICUGAUGA         29326           5736         5294         CAGCAACC         CUGAUGAG         10952         CAGGGUU         CUGAUGAG         CCGUUAGGC         CGAA         ICUGCUG         29328           5736         5292         GCAGCACA         CUGAUGAG         CUGAUGAG         GCCGUUAGGC         CGAA </td <td></td> <td></td> <td></td> <td>10945</td> <td>GAGAUGGC CUGAUGAG GCCGUUAGGC CGAA IAAGCACU</td> <td>29320</td>				10945	GAGAUGGC CUGAUGAG GCCGUUAGGC CGAA IAAGCACU	29320
5724         5306         CUUCAGCC         A UCUCAGCA         10947         UGCUGAGA         CUGAUGAG         CCGUUAGGC         CGAA         IGCUGAAG         29322           5727         5303         CAGCCAUC         U CAGCAGCC         10948         GGCUGCUG         CUGAUGAG         GCCGUUAGGC         CGAA         TAUGGCUG         29323           5729         5301         GCCAUCUC         A GCCACCAC         10949         GUGGCUGC         CUGAUGAG         CCGAA         LAUGGCGC         29324           5732         5298         AUCUCAGC         A GCCACCAC         10951         AGGGUUGU         CUGAUGAG         CCGUUAGGC         CAAACCCU         10951         AGGGUUGU         CUGAUGAG         CGAA         ICUGCUGA         29326           5736         5294         CAGCAGCC         A CACCCUG         10952         CAGGGUU         CUGAUGAG         CGAA         ICUGCUGA         29326           5738         5292         GCAGCACA         A ACCCUGGU         10953         ACCAGGGU         CUGAUGAG         GCCGUUAGGC         CGAA         IUUGUGC         29328           5741         5289         GCCACAAC         C UGGUUGU         10953         ACCACACA         CUGAUGAG         GCGUUAGG         CGAA         IUUGUGG				10946	GCUGAGAU CUGAUGAG GCCGUUAGGC CGAA ICUGAAGC	29321
5727         5303         CAGCCAUC         U CAGCAGCC         10948         GGCUGCUG         CUGAUGAG         GCCGUUAGGC         CGAA         IAUGGCUG         29323           5729         5301         GCCAUCUC         A GCACCAC         10949         GUGGCUGC         CUGAUGAG         CGAA         IAGAUGGC         29324           5732         5298         AUCUCAGC         A GCACACC         10950         GUUGUGGC         CUGAUGAG         CCGAA         ICUGAUGAG         29325           5735         5295         UCAGCAGC         A CAACCCU         10951         AGGGUUG         CUGAUGAG         CCGAA         LCUGCUGA         29326           5736         5294         CAGCAGCC         A CACCCUG         10952         CAGGGUU         CUGAUGAG         CCGAA         ICUGCUGA         29327           5736         5294         CAGCACAC         A CCCUGGU         10953         ACCAGGGU         CUGAUGAG         CCGAA         IUGGCUGC         29327           5738         5292         GCAGCACAC         C CUGGUUGG         10953         ACCAACCA         CUGAUGAG         GCCGUUAGGC         CGAA         IUUGUGG         29329           5742         5288         CCACAACC         UGGUUGGU         10955         ACCAACCA<	<del></del>		<del></del>	<del></del>		29322
5729         5301         GCCAUCUC A GCAGCCAC         10949         GUGGCUGC CUGAUGAG GCCGUUAGGC         CGAA IAGAUGGC         29324           5732         5298         AUCUCAGC A GCCACAAC         10950         GUUGUGGC CUGAUGAG GCCGUUAGGC         CGAA ICUGAGAU         29325           5735         5295         UCAGCAGC C ACAACCCU         10951         AGGGUUG CUGAUGAG GCCGUUAGGC         CGAA ICUGCUG         29326           5736         5294         CAGCAGCC A CAACCCU         10953         ACCAGGGU CUGAUGAG GCCGUUAGGC         CGAA IGCUGCUG         29327           5738         5292         GCACAAC C ACCUGGU         10953         ACCAGGGU CUGAUGAG GCCGUUAGGC         CGAA IUGGCUGC         29328           5741         5289         GCCACAAC C CUGGUUGG         10954         CCAACCAC CUGAUGAG GCCGUUAGGC         CGAA IUUGUGG         29329           5742         5288         CCACAACC C UGGUUGGU         10955         ACCACACC CUGAUGAG         CGAA IGUUGUG         29330           5743         5287         CACAACCC U GGUUGGU         10956         CACCAACC CUGAUGAG         CGAA IGUGUGG         29331           5753         5277         GUUGGUGC A ACGCUGUU         10957         GCCGUGCU CUGAUGAG         CGCGUUAGGC         CGAA IACCCAAC         29332           5762         5268 <td></td> <td></td> <td></td> <td></td> <td></td> <td>29323</td>						29323
5732         5298         AUCUCAGC A GCCACAAC         10950         GUUGUGGC CUGAUGAG         CCGUUAGGC CAAA ICUGAGAU         29325           5735         5295         UCAGCAGC C ACAACCCU         10951         AGGGUUGU CUGAUGAG GCCGUUAGGC CGAA ICUGCUGA         29326           5736         5294         CAGCAGCC A CAACCCUG         10952         CAGGGUUG CUGAUGAG GCCGUUAGGC CGAA ICUGCUG         29327           5738         5292         GCAGCAC A ACCCUGGU         10953         ACCAGGGU CUGAUGAG GCCGUUAGGC CGAA IUGGCUGC         29328           5741         5289         GCCACAAC C CUGGUUGG         10954         CCAACCA CUGAUGAG GCCGUUAGGC CGAA IUGUGGG         29329           5742         5288         CCACAACC C UGGUUGGU         10955         ACCAACCA CUGAUGAG GCCGUUAGGC CGAA IGUUGUGG         29331           5753         5277         GUUGUGC U AGCACGC IU957         GCCGUCUCU CUGAUGAG GCCGUUAGGC CGAA ICACCAAC 29332           5757         5273         GUGCUAGC A CGGCUGUU 10958         AACACCGC CUGAUGAG GCCGUUAGGC CGAA ICACCAAC 29332           5762         5268         AGCACGGC U GUUCUCAG 10959         CUGAGAAC CUGAUGAG GCCGUUAGGC CGAA ICACCAAC 29333           5767         5263         GCCUGUUC U CAGUCUC 10960         GAAGACU CUGAUGAG GCCGUUAGGC CGAA IACAGAC 29335           5769         5261         CUGUUCUC A GUCUUCUG 10961         CAGA						+
5735         5295         UCAGCAGC         C ACAACCCU         10951         AGGGUUGU         CUGAUGAG         GCCGUUAGGC         CGAA ICUGCUGA         29326           5736         5294         CAGCAGCC         A CAACCCUG         10952         CAGGGUUG         CUGAUGAG         GCCGUUAGGC         CGAA         ICUGCUG         29327           5738         5292         GCAGCACA         A ACCCUGGU         10953         ACCAGGGU         CUGAUGAG         GCCGUUAGGC         CGAA         IUUGUGG         29328           5741         5289         GCCACAACC         C UGGUUGGU         10955         ACCAACCA         CUGAUGAG         GCCGUUAGGC         CGAA         IUUGUGG         29330           5742         5288         CCACAACC         U GGUUGGU         10955         ACCAACCA         CUGAUGAG         GCCGUUAGGC         CGAA         IGUUGUG         29331           5753         5277         GUUGGUGC         U AGCACGGC         10957         GCCGUGC         CUGAUGAG         GCCGUUAGGC         CGAA         ICACCAAC         29333           5762         5268         AGCACGC         U GUUCUCAG         10959         CUGAGAAC         CUGAUGAG         CCGUUAGGC         CGAA         ICCGUGCU         29334           5767		<del></del>				+
5736         5294         CAGCAGCC A CAACCCUG         10952         CAGGGUUG CUGAUGAG GCCGUUAGGC         CGAA IGCUGCUG         29327           5738         5292         GCAGCCAC A ACCCUGGU         10953         ACCAGGGU CUGAUGAG GCCGUUAGGC         CGAA IUGGCUGC         29328           5741         5289         GCCACAAC C CUGGUUGG         10954         CCAACCAG CUGAUGAG GCCGUUAGGC         CGAA IUUGUGG         29329           5742         5288         CCACAACC C UGGUUGGU         10955         ACCAACCA CUGAUGAG GCCGUUAGGC         CGAA IGUUGUG         29330           5743         5287         CACAACCC U GGUUGGU         10956         CACCAACC CUGAUGAG GCCGUUAGGC         CGAA IGUUGUG         29331           5753         5277         GUUGGUG U AGCACGGC         10957         GCCGUGU CUGAUGAG GCCGUUAGGC         CGAA ICACCAAC         29332           5762         5268         AGCACGGC U GUUCUCAG         10959         CUGAGAAC CUGAUGAG GCCGUUAGGC         CGAA ICCGUGU         29334           5767         5263         GGCUGUUC U CAGUUCU         10960         GAAGACUG CUGAUGAG GCCGUUAGGC         CGAA IACAGC         29335           5769         5261         CUGUUCUC U GUUUUA         10961         CAGAAGAC CUGAUGAG GCCGUUAGGC         CGAA IACAGAG         29336           5776         5254 <td></td> <td></td> <td></td> <td></td> <td></td> <td>+</td>						+
5738         5292         GCAGCCAC         A ACCCUGGU         10953         ACCAGGGU         CUGAUGAG         GCCGUUAGGC         CGAA         IUGGCUGC         29328           5741         5289         GCCACAAC         C CUGGUUGG         10954         CCAACCA         CUGAUGAG         GCCGUUAGGC         CGAA         IUUGUGGC         29329           5742         5288         CCACAACC         C UGGUUGGU         10955         ACCAACCA         CUGAUGAG         GCCGUUAGGC         CGAA         IGUUGUG         29330           5743         5287         CACAACCC         U GGUUGGU         10956         CACCAACC         CUGAUGAG         GCCGUUAGGC         CGAA         IGGUUGUG         29331           5753         5277         GUUGGUGC         U AGCACGGC         10957         GCCGUGCU         CUGAUGAG         GCCGUUAGGC         CGAA         ICACCAAC         29332           5762         5268         AGCACGGC         U GUUCUCAG         10959         CUGAGAAC         CUGAUGAG         GCCGUUAGGC         CGAA         ICCGUGCU         29334           5767         5263         GGCUGUUC         A GUCUUCU         10960         GAAGACUG         CUGAUGAG         CGAA         IAACAGC         29335           5769         <						
5741 5289 GCCACAAC C CUGGUUGG 10954 CCAACCAG CUGAUGAG GCCGUUAGGC CGAA IUUGUGGC 29329 5742 5288 CCACAACC C UGGUUGGU 10955 ACCAACCA CUGAUGAG GCCGUUAGGC CGAA IGUUGUGG 29330 5743 5287 CACAACCC U GGUUGGUG 10956 CACCAACC CUGAUGAG GCCGUUAGGC CGAA IGGUUGUG 29331 5753 5277 GUUGGUGC U AGCACGC 10957 GCCGUGCU CUGAUGAG GCCGUUAGGC CGAA ICACCAAC 29332 5757 5273 GUGCUAGC A CGGCUGUU 10958 AACAGCCG CUGAUGAG GCCGUUAGGC CGAA ICACCAAC 29333 5762 5268 AGCACGGC U GUUCUCAG 10959 CUGAGAAC CUGAUGAG GCCGUUAGGC CGAA ICCGUGCU 29334 5767 5263 GGCUGUUC U CAGUCUUC 10960 GAAGACUG CUGAUGAG GCCGUUAGGC CGAA IAACAGCC 29335 5769 5261 CUGUUCUC A GUCUUCUG 10961 CAGAAGAC CUGAUGAG GCCGUUAGGC CGAA IAACAGCC 29336 5773 5257 UCUCAGUC U UCUGUUUA 10962 UAAACAGA CUGAUGAG GCCGUUAGGC CGAA IACUGAGA 29337 5776 5254 CAGUCUUC U GUUUAUGG 10963 CCAUAAAC CUGAUGAG GCCGUUAGGC CGAA IACUGAGA 29338 5786 5244 UUUAUGGC C UCUUUGAU 10964 AUCAAAAGA CUGAUGAG GCCGUUAGGC CGAA IACACUG 29338 5787 5243 UUAUGGCC U CUUUGAU 10965 CAUCAAAG CUGAUGAG GCCGUUAGGC CGAA IACCAUAAA 29339 5789 5241 AUGGCCUC U UUGAUGAU 10966 AUCAUCAA CUGAUGAG GCCGUUAGGC CGAA IACCAUAAA 29340 5789 5241 AUGGCCUC U UUGAUGAU 10966 AUCAUCAA CUGAUGAG GCCGUUAGGC CGAA IACCAUAA 29340 5789 5225 UCUGUGGC A GAAUCCUC 10968 GAGGAUUC CUGAUGAG GCCGUUAGGC CGAA IAUCAUCA 29342 5805 5225 UCUGUGGC A GAAUCCUC 10968 GAGGAUUC CUGAUGAG GCCGUUAGGC CGAA IAUCAUCA 29344		+				
5742         5288         CCACAACC         C UGGUUGGU         10955         ACCAACCA         CUGAUGAG         GCCGUUAGGC         CGAA         IGUUGUG         29330           5743         5287         CACAACCC         U GGUUGGUG         10956         CACCAACC         CUGAUGAG         GCCGUUAGGC         CGAA         IGGUUGUG         29331           5753         5277         GUUGGUGC         U AGCACGGC         10957         GCCGUGCU         CUGAUGAG         GCCGUUAGGC         CGAA         ICACCAAC         29332           5757         5273         GUGCUAGC         A CGGCUGUU         10958         AACAGCCG         CUGAUGAG         GCCGUUAGGC         CGAA         ICUAGCAC         29333           5762         5268         AGCACGGC         U GUUCUCAG         10959         CUGAGAAC         CUGAUGAG         GCCGUUAGGC         CGAA         ICCGUGCU         29334           5767         5263         GGCUGUUC         U CAGUCUC         10960         GAAGACUG         CUGAUGAG         CCGUUAGGC         CGAA         IAACAGC         29335           5769         5261         CUGUUCUC         A GUCUUCUG         10961         CAGAAGAC         CUGAUGAG         CCGUUAGGC         CGAA         IACUGAGA         29337		+	<del></del>	<del></del>	l	+
5743 5287 CACAACCC U GGUUGGUG 10956 CACCAACC CUGAUGAG GCCGUUAGGC CGAA IGGUUGUG 29331 5753 5277 GUUGGUGC U AGCACGGC 10957 GCCGUGCU CUGAUGAG GCCGUUAGGC CGAA ICACCAAC 29332 5757 5273 GUGCUAGC A CGGCUGUU 10958 AACAGCCG CUGAUGAG GCCGUUAGGC CGAA ICUAGCAC 29333 5762 5268 AGCACGGC U GUUCUCAG 10959 CUGAGAAC CUGAUGAG GCCGUUAGGC CGAA ICCAGCCU 29334 5767 5263 GGCUGUUC U CAGUCUUC 10960 GAAGACUG CUGAUGAG GCCGUUAGGC CGAA IAACAGCC 29335 5769 5261 CUGUUCUC A GUCUUCUG 10961 CAGAAGAC CUGAUGAG GCCGUUAGGC CGAA IAACAGCC 29336 5773 5257 UCUCAGUC U UCUGUUUA 10962 UAAACAGA CUGAUGAG GCCGUUAGGC CGAA IACUGAGA 29337 5776 5254 CAGUCUUC U GUUUAUGG 10963 CCAUAAAC CUGAUGAG GCCGUUAGGC CGAA IAACACUG 29338 5786 5244 UUUAUGGC C UCUUUGAU 10964 AUCAAAGA CUGAUGAG GCCGUUAGGC CGAA IACAGACUG 29339 5787 5243 UUAUGGCC U CUUUGAUG 10965 CAUCAAAG CUGAUGAG GCCGUUAGGC CGAA ICCAUAAA 29339 5789 5241 AUGGCCUC U UUGAUGAU 10966 AUCAUAAA CUGAUGAG GCCGUUAGGC CGAA IACGCCAU 29341 5799 5231 UGAUGAUC U GUGGCAGA 10967 UCUGCCAC CUGAUGAG GCCGUUAGGC CGAA IAUCAUCA 29342 5805 5225 UCUGUGGC A GAAUCCUC 10968 GAGGAUUC CUGAUGAG GCCGUUAGGC CGAA IAUCAUCA 29343 5811 5219 GCAGAAUC C UCCUUGUU 10969 AACAAGGA CUGAUGAG GCCGUUAGGC CGAA IAUCAUCA 29344	<b></b>		<del></del>			
5753         5277         GUUGGUGC U AGCACGGC         10957         GCCGUGCU CUGAUGAG GCCGUUAGGC CGAA ICACCAAC         29332           5757         5273         GUGCUAGC A CGGCUGUU 10958         AACAGCCG CUGAUGAG GCCGUUAGGC CGAA ICUAGCAC         29333           5762         5268         AGCACGGC U GUUCUCAG 10959         CUGAGAAC CUGAUGAG GCCGUUAGGC CGAA ICCGUGCU         29334           5767         5263         GGCUGUUC U CAGUCUC         10960         GAAGACUG CUGAUGAG GCCGUUAGGC CGAA IAACAGCC         29335           5769         5261         CUGUUCUC A GUCUUCUG         10961         CAGAAGAC CUGAUGAG GCCGUUAGGC CGAA IACGACAG         29336           5773         5257         UCUCAGUC U UCUGUUUA 10962         UAAACAGA CUGAUGAG GCCGUUAGGC CGAA IACGAGA         29337           5776         5254         CAGUCUUC U GUUUAUGG 10963         CCAUAAAC CUGAUGAG GCCGUUAGGC CGAA IAAGACUG 29338           5786         5244         UUUAUGGC C UCUUUGAU 10964         AUCAAAGA CUGAUGAG GCCGUUAGGC CGAA ICCAUAA 29339           5787         5243         UUAUGGCC U CUUUGAUG 10965         CAUCAAAG CUGAUGAG GCCGUUAGGC CGAA IACGCAU 29341           5789         5241         AUGGCCUC U UUGAUGAU 10966         AUCAUCAA CUGAUGAG GCCGUUAGGC CGAA IACGCAU 29341           5799         5231         UGAUGAUC U GUGCCAC UUGUGC CUGAUGAG GCCGUUAGGC CGAA IAUCAUCA 29342           5805	<del></del>		<del></del>	<del></del>		
5757         5273         GUGCUAGC A CGGCUGUU         10958         AACAGCCG CUGAUGAG GCCGUUAGGC CGAA ICUAGCAC         29333           5762         5268         AGCACGGC U GUUCUCAG         10959         CUGAGAAC CUGAUGAG GCCGUUAGGC CGAA ICCGUGCU         29334           5767         5263         GGCUGUUC U CAGUCUC         10960         GAAGACUG CUGAUGAG GCCGUUAGGC CGAA IAACAGCC         29335           5769         5261         CUGUUCUC A GUCUUCUG         10961         CAGAAGAC CUGAUGAG GCCGUUAGGC CGAA IAGAACAG         29336           5773         5257         UCUCAGUC U UCUGUUUA         10962         UAAACAGA CUGAUGAG GCCGUUAGGC CGAA IACUGAGA         29337           5776         5254         CAGUCUUC U GUUUAUGG         10963         CCAUAAAC CUGAUGAG GCCGUUAGGC CGAA IAAGACUG         29338           5786         5244         UUUAUGGC C UCUUUGAU         10964         AUCAAAGA CUGAUGAG GCCGUUAGGC CGAA ICCAUAAA         29339           5787         5243         UUAUGGC U CUUUGAUG 10965         CAUCAAAG CUGAUGAG GCCGUUAGGC CGAA IACGCAUAA         29340           5789         5241         AUGGCCUC U UUGAUGAU 10966         AUCAUCAA CUGAUGAG GCCGUUAGGC CGAA IAUCAUCA         29341           5799         5231         UGAUGAUC U GUGCCAC UGAGGA 10967         UCUGCCAC CUGAUGAG GCCGUUAGGC CGAA IAUCAUCA         29342           5805		<del></del>	<u> </u>			<del></del>
5762         5268         AGCACGGC U GUUCUCAG         10959         CUGAGAAC CUGAUGAG GCCGUUAGGC CGAA ICCGUGCU         29334           5767         5263         GGCUGUUC U CAGUCUUC         10960         GAAGACUG CUGAUGAG GCCGUUAGGC CGAA IAACAGCC         29335           5769         5261         CUGUUCUC A GUCUUCUG         10961         CAGAAGAC CUGAUGAG GCCGUUAGGC CGAA IAGAACAG         29336           5773         5257         UCUCAGUC U UCUGUUUA         10962         UAAACAGA CUGAUGAG GCCGUUAGGC CGAA IACUGAGA         29337           5776         5254         CAGUCUUC U GUUUAUGG         10963         CCAUAAAC CUGAUGAG GCCGUUAGGC CGAA IAAGACUG         29338           5786         5244         UUUAUGGC C UCUUUGAU         10964         AUCAAAGA CUGAUGAG GCCGUUAGGC CGAA ICCAUAAA         29339           5787         5243         UUAUGGC U CUUUGAUG 10965         CAUCAAAG CUGAUGAG GCCGUUAGGC CGAA IGCCAUAA         29340           5789         5241         AUGGCCUC U UUGAUGAU 10966         AUCAUCAA CUGAUGAG GCCGUUAGGC CGAA IAUCAUCA         29341           5799         5231         UGAUGAUC U GUGGCAGA 10967         UCUGCCAC CUGAUGAG GCCGUUAGGC CGAA IAUCAUCA         29342           5805         5225         UCUGUGC A GAAUCCUC 10968         GAGGAUUC CUGAUGAG CUGAUGAG GCCGUUAGGC CGAA IAUCACA         29343           5811         521		<del></del>	<del></del>	<del></del>		
5767 5263 GGCUGUUC U CAGUCUUC 10960 GAAGACUG CUGAUGAG GCCGUUAGGC CGAA IAACAGCC 29335 5769 5261 CUGUUCUC A GUCUUCUG 10961 CAGAAGAC CUGAUGAG GCCGUUAGGC CGAA IAGAACAG 29336 5773 5257 UCUCAGUC U UCUGUUUA 10962 UAAACAGA CUGAUGAG GCCGUUAGGC CGAA IACUGAGA 29337 5776 5254 CAGUCUUC U GUUUAUGG 10963 CCAUAAAC CUGAUGAG GCCGUUAGGC CGAA IAAGACUG 29338 5786 5244 UUUAUGGC C UCUUUGAU 10964 AUCAAAGA CUGAUGAG GCCGUUAGGC CGAA ICCAUAAA 29339 5787 5243 UUAUGGCC U CUUUGAUG 10965 CAUCAAAG CUGAUGAG GCCGUUAGGC CGAA IGCCAUAA 29340 5789 5241 AUGGCCUC U UUGAUGAU 10966 AUCAUCAA CUGAUGAG GCCGUUAGGC CGAA IAGGCCAU 29341 5799 5231 UGAUGAUC U GUGGCAGA 10967 UCUGCCAC CUGAUGAG GCCGUUAGGC CGAA IAUCAUCA 29342 5805 5225 UCUGUGGC A GAAUCCUC 10968 GAGGAUUC CUGAUGAG GCCGUUAGGC CGAA IAUCAUCA 29343 5811 5219 GCAGAAUC C UCCUUGUU 10969 AACAAGGA CUGAUGAG GCCGUUAGGC CGAA IAUUCUGC 29344			<del></del>	<del></del>		
5769 5261 CUGUUCUC A GUCUUCUG 10961 CAGAAGAC CUGAUGAG GCCGUUAGGC CGAA IAGAACAG 29336 5773 5257 UCUCAGUC U UCUGUUUA 10962 UAAACAGA CUGAUGAG GCCGUUAGGC CGAA IACUGAGA 29337 5776 5254 CAGUCUUC U GUUUAUGG 10963 CCAUAAAC CUGAUGAG GCCGUUAGGC CGAA IAAGACUG 29338 5786 5244 UUUAUGGC C UCUUUGAU 10964 AUCAAAGA CUGAUGAG GCCGUUAGGC CGAA ICCAUAAA 29339 5787 5243 UUAUGGCC U CUUUGAUG 10965 CAUCAAAG CUGAUGAG GCCGUUAGGC CGAA IGCCAUAA 29340 5789 5241 AUGGCCUC U UUGAUGAU 10966 AUCAUCAA CUGAUGAG GCCGUUAGGC CGAA IAGGCCAU 29341 5799 5231 UGAUGAUC U GUGGCAGA 10967 UCUGCCAC CUGAUGAG GCCGUUAGGC CGAA IAUCAUCA 29342 5805 5225 UCUGUGGC A GAAUCCUC 10968 GAGGAUUC CUGAUGAG GCCGUUAGGC CGAA IAUCAUCA 29343 5811 5219 GCAGAAUC C UCCUUGUU 10969 AACAAGGA CUGAUGAG GCCGUUAGGC CGAA IAUUCUGC 29344			<del> </del>	<del> </del>		
5773 5257 UCUCAGUC U UCUGUUUA 10962 UAAACAGA CUGAUGAG GCCGUUAGGC CGAA IACUGAGA 29337 5776 5254 CAGUCUUC U GUUUAUGG 10963 CCAUAAAC CUGAUGAG GCCGUUAGGC CGAA IAAGACUG 29338 5786 5244 UUUAUGGC C UCUUUGAU 10964 AUCAAAGA CUGAUGAG GCCGUUAGGC CGAA ICCAUAAA 29339 5787 5243 UUAUGGCC U CUUUGAUG 10965 CAUCAAAG CUGAUGAG GCCGUUAGGC CGAA IGCCAUAA 29340 5789 5241 AUGGCCUC U UUGAUGAU 10966 AUCAUCAA CUGAUGAG GCCGUUAGGC CGAA IAGGCCAU 29341 5799 5231 UGAUGAUC U GUGGCAGA 10967 UCUGCCAC CUGAUGAG GCCGUUAGGC CGAA IAUCAUCA 29342 5805 5225 UCUGUGGC A GAAUCCUC 10968 GAGGAUUC CUGAUGAG GCCGUUAGGC CGAA ICCACAGA 29343 5811 5219 GCAGAAUC C UCCUUGUU 10969 AACAAGGA CUGAUGAG GCCGUUAGGC CGAA IAUUCUGC 29344	<b> </b>	+		+		
5776 5254 CAGUCUUC U GUUUAUGG 10963 CCAUAAAC CUGAUGAG GCCGUUAGGC CGAA IAAGACUG 29338 5786 5244 UUUAUGGC C UCUUUGAU 10964 AUCAAAGA CUGAUGAG GCCGUUAGGC CGAA ICCAUAAA 29339 5787 5243 UUAUGGCC U CUUUGAUG 10965 CAUCAAAG CUGAUGAG GCCGUUAGGC CGAA IGCCAUAA 29340 5789 5241 AUGGCCUC U UUGAUGAU 10966 AUCAUCAA CUGAUGAG GCCGUUAGGC CGAA IAGGCCAU 29341 5799 5231 UGAUGAUC U GUGGCAGA 10967 UCUGCCAC CUGAUGAG GCCGUUAGGC CGAA IAUCAUCA 29342 5805 5225 UCUGUGGC A GAAUCCUC 10968 GAGGAUUC CUGAUGAG GCCGUUAGGC CGAA ICCACAGA 29343 5811 5219 GCAGAAUC C UCCUUGUU 10969 AACAAGGA CUGAUGAG GCCGUUAGGC CGAA IAUUCUGC 29344		<del></del>	<del></del>			
5786 5244 UUUAUGGC C UCUUUGAU 10964 AUCAAAGA CUGAUGAG GCCGUUAGGC CGAA ICCAUAAA 29339 5787 5243 UUAUGGCC U CUUUGAUG 10965 CAUCAAAG CUGAUGAG GCCGUUAGGC CGAA IGCCAUAA 29340 5789 5241 AUGGCCUC U UUGAUGAU 10966 AUCAUCAA CUGAUGAG GCCGUUAGGC CGAA IAGGCCAU 29341 5799 5231 UGAUGAUC U GUGGCAGA 10967 UCUGCCAC CUGAUGAG GCCGUUAGGC CGAA IAUCAUCA 29342 5805 5225 UCUGUGGC A GAAUCCUC 10968 GAGGAUUC CUGAUGAG GCCGUUAGGC CGAA ICCACAGA 29343 5811 5219 GCAGAAUC C UCCUUGUU 10969 AACAAGGA CUGAUGAG GCCGUUAGGC CGAA IAUUCUGC 29344		<del></del>	<del></del>			<del></del>
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5789 5241 AUGGCCUC U UUGAUGAU 10966 AUCAUCAA CUGAUGAG GCCGUUAGGC CGAA IAGGCCAU 29341 5799 5231 UGAUGAUC U GUGGCAGA 10967 UCUGCCAC CUGAUGAG GCCGUUAGGC CGAA IAUCAUCA 29342 5805 5225 UCUGUGGC A GAAUCCUC 10968 GAGGAUUC CUGAUGAG GCCGUUAGGC CGAA ICCACAGA 29343 5811 5219 GCAGAAUC C UCCUUGUU 10969 AACAAGGA CUGAUGAG GCCGUUAGGC CGAA IAUUCUGC 29344		+				
5799 5231 UGAUGAUC U GUGGCAGA 10967 UCUGCCAC CUGAUGAG GCCGUUAGGC CGAA IAUCAUCA 29342 5805 5225 UCUGUGGC A GAAUCCUC 10968 GAGGAUUC CUGAUGAG GCCGUUAGGC CGAA ICCACAGA 29343 5811 5219 GCAGAAUC C UCCUUGUU 10969 AACAAGGA CUGAUGAG GCCGUUAGGC CGAA IAUUCUGC 29344		<del> </del>		+		
5805 5225 UCUGUGGC A GAAUCCUC 10968 GAGGAUUC CUGAUGAG GCCGUUAGGC CGAA ICCACAGA 29343 5811 5219 GCAGAAUC C UCCUUGUU 10969 AACAAGGA CUGAUGAG GCCGUUAGGC CGAA IAUUCUGC 29344		+				
5811 5219 GCAGAAUC C UCCUUGUU 10969 AACAAGGA CUGAUGAG GCCGUUAGGC CGAA IAUUCUGC 29344	<u> </u>	+				
	5805	<del>+</del>	<del></del>			
5812   5218   CAGAAUCC U CCUUGUUU   10970   AAACAAGG CUGAUGAG GCCGUUAGGC CGAA IGAUUCUG   29345	5811	5219		10969		
	5812	5218	CAGAAUCC U CCUUGUUU	10970	AAACAAGG CUGAUGAG GCCGUUAGGC CGAA IGAUUCUG	29345

E014	5016	GAAUCCUC C UUGUUUUA	10971	UAAAACAA CUGAUGAG GCCGUUAGGC CGAA IAGGAUUC	29346
5814	5216				+
5815	5215	AAUCCUCC U UGUUUUAC	10972	GUAAAACA CUGAUGAG GCCGUUAGGC CGAA IGAGGAUU	29347
5824	5206	UGUUUUAC C GGCGCCGG	10973	CCGGCGCC CUGAUGAG GCCGUUAGGC CGAA IUAAAACA	29348
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5843	5187	UGGAGAUC C AGUACAGU	10975	ACUGUACU CUGAUGAG GCCGUUAGGC CGAA IAUCUCCA	29350
5844	5186	GGAGAUCC A GUACAGUG	10976	CACUGUAC CUGAUGAG GCCGUUAGGC CGAA IGAUCUCC	29351
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5856	5174	CAGUGAUC U GUUUUUUC	10978	GAAAAAAC CUGAUGAG GCCGUUAGGC CGAA IAUCACUG	29353
		GUUUUUUC C UCAGCAUC	10979	GAUGCUGA CUGAUGAG GCCGUUAGGC CGAA IAAAAAAC	29354
5865	5165				
5866	5164	UUUUUUCC U CAGCAUCU	10980	AGAUGCUG CUGAUGAG GCCGUUAGGC CGAA IGAAAAAA	29355
5868	5162	UUUUCCUC A GCAUCUCA	10981	UGAGAUGC CUGAUGAG GCCGUUAGGC CGAA IAGGAAAA	29356
5871	5159	UCCUCAGC A UCUCAGGU	10982	ACCUGAGA CUGAUGAG GCCGUUAGGC CGAA ICUGAGGA	29357
5874	5156	UCAGCAUC U CAGGUUCG	10983	CGAACCUG CUGAUGAG GCCGUUAGGC CGAA IAUGCUGA	29358
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5887	5143	UUCGAAUC C GGCUGGGA	10985	UCCCAGCC CUGAUGAG GCCGUUAGGC CGAA IAUUCGAA	29360
5891	5139	AAUCCGGC U GGGAUUGG	10986	CCAAUCCC CUGAUGAG GCCGUUAGGC CGAA ICCGGAUU	29361
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5911	5119	AUCCAUCC U UUCACCCU	10992	AGGGUGAA CUGAUGAG GCCGUUAGGC CGAA IGAUGGAU	29367
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5917	5113	CCUJUCAC C CUGCACUA	10994	UAGUGCAG CUGAUGAG GCCGUUAGGC CGAA IUGAAAGG	29369
5918	5112	CUUUCACC C UGCACUAU	10995	AUAGUGCA CUGAUGAG GCCGUUAGGC CGAA IGUGAAAG	29370
5919	5111	UUUCACCC U GCACUAUC	10996	GAUAGUGC CUGAUGAG GCCGUUAGGC CGAA IGGUGAAA	29371
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5944	5086	GUAUGAGC C GUUGGGCA	11000	UGCCCAAC CUGAUGAG GCCGUUAGGC CGAA ICUCAUAC	29375
5952	5078	CGUUGGGC A UUAUGACU	11001	AGUCAUAA CUGAUGAG GCCGUUAGGC CGAA ICCCAACG	29376
5960	5070	AUUAUGAC U CCAUUGCC	11002	GGCAAUGG CUGAUGAG GCCGUUAGGC CGAA IUCAUAAU	29377
5962	5068	UAUGACUC C AUUGCCAU	11003	AUGGCAAU CUGAUGAG GCCGUUAGGC CGAA IAGUCAUA	29378
5963	5067	AUGACUCC A UUGCCAUA	11004	UAUGGCAA CUGAUGAG GCCGUUAGGC CGAA IGAGUCAU	29379
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5976	5054	CAUAAAGC C CAAUCACA	11007	UGUGAUUG CUGAUGAG GCCGUUAGGC CGAA ICUUUAUG	29382
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			11010	CGGUGAUG CUGAUGAG GCCGUUAGGC CGAA IAUUGGGC	29385
5982	5048	GCCCAAUC A CAUCACCG			
5984	5046	CCAAUCAC A UCACCGUU	11011	AACGGUGA CUGAUGAG GCCGUUAGGC CGAA IUGAUUGG	29386
5987	5043	AUCACAUC A CCGUUUUU	11012	AAAAACGG CUGAUGAG GCCGUUAGGC CGAA IAUGUGAU	29387
5989	5041	CACAUCAC C GUUUUUGU	11013	ACAAAAAC CUGAUGAG GCCGUUAGGC CGAA IUGAUGUG	29388
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6000	5030	UUUUGUCC A CUAUUGGU	11015	ACCAAUAG CUGAUGAG GCCGUUAGGC CGAA IGACAAAA	29390
6002	5028	UUGUCCAC U AUUGGUGA	11016	UCACCAAU CUGAUGAG GCCGUUAGGC CGAA IUGGACAA	29391
6013	5017	UGGUGAGC C UGAUGUUC			29392
6014	5016	GGUGAGCC U GAUGUUCC		GGAACAUC CUGAUGAG GCCGUUAGGC CGAA IGCUCACC	29393
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6047	4983	GUCACGGC C CCGAUUUC	11024	GAAAUCGG CUGAUGAG GCCGUUAGGC CGAA ICCGUGAC	29399
6048	4982	UCACGGCC C CGAUUUCU	11025	AGAAAUCG CUGAUGAG GCCGUUAGGC CGAA IGCCGUGA	29400
6049	4981	CACGGCCC C GAUUUCUC	11026	GAGAAAUC CUGAUGAG GCCGUUAGGC CGAA IGGCCGUG	29401
6056	4974	CCGAUUUC U CCUUCAGG	+		29402
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6062	4968	UCUCCUUC A GGUGUUUU		<del></del>	+
		<del></del>			29405
6075	4955	UUUUGAAC A CCCCUGGU	11031	ACCAGGGG CUGAUGAG GCCGUUAGGC CGAA IUUCAAAA	29406

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6077	4953	UUGAACAC C CCUGGUUU	11032	AAACCAGG CUGAUGAG GCCGUUAGGC CGAA IUGUUCAA	29407
6078	4952	UGAACACC C CUGGUUUC	11033	GAAACCAG CUGAUGAG GCCGUUAGGC CGAA IGUGUUCA	29408
6079	4951	GAACACCC C UGGUUUCG	11034	CGAAACCA CUGAUGAG GCCGUUAGGC CGAA IGGUGUUC	29409
6080	4950	AACACCCC U GGUUUCGU	11035	ACGAAACC CUGAUGAG GCCGUUAGGC CGAA IGGGUGUU	29410
6090	4940	GUUUCGUC U GGACGUUC	11036	GAACGUCC CUGAUGAG GCCGUUAGGC CGAA IACGAAAC	29411
6099	4931	GGACGUUC U UAACGUUC	11037	GAACGUUA CUGAUGAG GCCGUUAGGC CGAA IAACGUCC	29412
6108	4922	UAACGUUC U UGCCAGGU	11038	ACCUGGCA CUGAUGAG GCCGUUAGGC CGAA IAACGUUA	29413
6112	4918	GUUCUUGC C AGGUUCCA	11039	UGGAACCU CUGAUGAG GCCGUUAGGC CGAA ICAAGAAC	29414
6113	4917	UUCUUGCC A GGUUCCAC	11040	GUGGAACC CUGAUGAG GCCGUUAGGC CGAA IGCAAGAA	29415
6119	4911	CCAGGUUC C ACCACAAU	11041	AUUGUGGU CUGAUGAG GCCGUUAGGC CGAA IAACCUGG	29416
6120	4910	CAGGUUCC A CCACAAUC	11042	GAUUGUGG CUGAUGAG GCCGUUAGGC CGAA IGAACCUG	29417
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6132	4898	CAAUCAUC U GCACCUCA	11047	UGAGGUGC CUGAUGAG GCCGUUAGGC CGAA IAUGAUUG	29422
6135	4895	UCAUCUGC A CCUCAUCC	11048	GGAUGAGG CUGAUGAG GCCGUUAGGC CGAA ICAGAUGA	29423
6137	4893	AUCUGCAC C UCAUCCUG	11049	CAGGAUGA CUGAUGAG GCCGUUAGGC CGAA IUGCAGAU	29424
6138	4892	UCUGCACC U CAUCCUGC	11050	GCAGGAUG CUGAUGAG GCCGUUAGGC CGAA IGUGCAGA	29425
6140	4890	UGCACCUC A UCCUGCCC	11051	GGGCAGGA CUGAUGAG GCCGUUAGGC CGAA IAGGUGCA	29426
6143	4887	ACCUCAUC C UGCCCGUU	11052	AACGGCA CUGAUGAG GCCGUUAGGC CGAA IAUGAGGU	29427
6144	4886	CCUCAUCC U GCCCGUUC	11053	GAACGGGC CUGAUGAG GCCGUUAGGC CGAA IGAUGAGG	29428
6147	4883	CAUCCUGC C CGUUCCAC	11054	GUGGAACG CUGAUGAG GCCGUUAGGC CGAA ICAGGAUG	29429
6148	4882	AUCCUGCC C GUUCCACU	11055	AGUGGAAC CUGAUGAG GCCGUUAGGC CGAA IGCAGGAU	29430
6153	4877	GCCCGUUC C ACUUGUGC	11056	GCACAAGU CUGAUGAG GCCGUUAGGC CGAA IAACGGGC	29431
6154	4876	CCCGUUCC A CUUGUGCU	11057	AGCACAAG CUGAUGAG GCCGUUAGGC CGAA IGAACGGG	29432
6156	4874	CGUUCCAC U UGUGCUGC	11058	GCAGCACA CUGAUGAG GCCGUUAGGC CGAA IUGGAACG	29433
6162	4868	ACUUGUGC U GCAAUUUC	11059	GAAAUUGC CUGAUGAG GCCGUUAGGC CGAA ICACAAGU	29434
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6171	4859	GCAAUUUC C AGGGUCCU	11061	AGGACCCU CUGAUGAG GCCGUUAGGC CGAA IAAAUUGC	29436
6172	4858	CAAUUUCC A GGGUCCUC	11062	GAGGACCC CUGAUGAG GCCGUUAGGC CGAA IGAAAUUG	29437
6178	4852	CCAGGGUC C UCCGUAAC	11063	GUUACGGA CUGAUGAG GCCGUUAGGC CGAA IACCCUGG	29438
6179	4851	CAGGGUCC U CCGUAACA	11064	UGUUACGG CUGAUGAG GCCGUUAGGC CGAA IGACCCUG	29439
6181	4849	GGGUCCUC C GUAACAAA	11065	UUUGUUAC CUGAUGAG GCCGUUAGGC CGAA IAGGACCC	29440
6187	4843	UCCGUAAC A AAGUCGAU	11066	AUCGACUU CUGAUGAG GCCGUUAGGC CGAA IUUACGGA	29441
6197	4833	AGUCGAUC C UCCUUGAC	11067	GUCAAGGA CUGAUGAG GCCGUUAGGC CGAA IAUCGACU	29442
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6201	4829	GAUCCUCC U UGACACUG	11070	CAGUGUCA CUGAUGAG GCCGUUAGGC CGAA IGAGGAUC	29445
6206	4824	UCCUUGAC A CUGCCCCA	11071	UGGGGCAG CUGAUGAG GCCGUUAGGC CGAA IUCAAGGA	29446
6208	4822	CUUGACAC U GCCCCAGU	11072	ACUGGGGC CUGAUGAG GCCGUUAGGC CGAA IUGUCAAG	29447
6211	4819	GACACUGC C CCAGUAUG	11073	CAUACUGG CUGAUGAG GCCGUUAGGC CGAA ICAGUGUC	29448
6212	4818	ACACUGCC C CAGUAUGG	11074	CCAUACUG CUGAUGAG GCCGUUAGGC CGAA IGCAGUGU	29449
6213	4817	CACUGCCC C AGUAUGGG	11075	CCCAUACU CUGAUGAG GCCGUUAGGC CGAA IGGCAGUG	29450
6214	4816	ACUGCCCC A GUAUGGGU	11076	ACCCAUAC CUGAUGAG GCCGUUAGGC CGAA IGGGCAGU	
					29451
6224	4806	UAUGGGUC C AGGCGGCC	11077	GGCCGCCU CUGAUGAG GCCGUUAGGC CGAA IACCCAUA	29452
6225	4805	AUGGGUCC A GGCGGCCC	11078	GGGCCGCC CUGAUGAG GCCGUUAGGC CGAA IGACCCAU	29453
6232	4798	CAGGCGGC C CUCUCCGC	11079	GCGGAGAG CUGAUGAG GCCGUUAGGC CGAA ICCGCCUG	29454
6233	4797	AGGCGGCC C UCUCCGCU	11080	AGCGGAGA CUGAUGAG GCCGUUAGGC CGAA IGCCGCCU	29455
6234	4796	GGCGGCCC U CUCCGCUC	11081	GAGCGGAG CUGAUGAG GCCGUUAGGC CGAA IGGCCGCC	29456
6236	4794	CGGCCCUC U CCGCUCAU	11082	AUGAGCGG CUGAUGAG GCCGUUAGGC CGAA IAGGGCCG	29457
6238	4792	GCCCUCUC C GCUCAUCA	11083	UGAUGAGC CUGAUGAG GCCGUUAGGC CGAA IAGAGGGC	29458
6241	4789	CUCUCCGC U CAUCAAAG	11084	CUUUGAUG CUGAUGAG GCCGUUAGGC CGAA ICGGAGAG	29459
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6256	4774	AGCGGCUC C UUUUGUUG	11088	CAACAAAA CUGAUGAG GCCGUUAGGC CGAA IAGCCGCU	29463
6257	4773	GCGGCUCC U UUUGUUGU	11089	ACAACAAA CUGAUGAG GCCGUUAGGC CGAA IGAGCCGC	29464
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6271	4759	UGUAUGCC A AAGGGUGU	11091	ACACCCUU CUGAUGAG GCCGUUAGGC CGAA IGCAUACA	29466
6287	4743	UGGAAAAC A CCUUCAAC	11092	GUUGAAGG CUGAUGAG GCCGUUAGGC CGAA IUUUUCCA	29467
لنتت				Contrad coducana accannuac caux Innonccy	2720/

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6289	4741	GAAAACAC C UUCAACCA	11093	UGGUUGAA CUGAUGAG GCCGUUAGGC CGAA IUGUUUUC	29468
6290	4740	AAAACACC U UCAACCAU	11094	AUGGUUGA CUGAUGAG GCCGUUAGGC CGAA IGUGUUUU	29469
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6314	4716	GCUCCUGC U UGAUAACU	11104		
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6371	4659	GUCGUGUC C CCCUUUUU	11115	AAAAAGGG CUGAUGAG GCCGUUAGGC CGAA IACACGAC	29490
6372	4658	ncenence c connand	11116	CAAAAAGG CUGAUGAG GCCGUUAGGC CGAA IGACACGA	29491
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6406	4624	AGUGUCCC A CAACACGC	11125	GCGUGUUG CUGAUGAG GCCGUUAGGC CGAA IGGACACU	29500
6408	4622	UGUCCCAC A ACACGCCU	11126	AGGCGUGU CUGAUGAG GCCGUUAGGC CGAA IUGGGACA	29501
6411	4619	CCCACAAC A CGCCUCCU	11127	AGGAGGCG CUGAUGAG GCCGUUAGGC CGAA IUUGUGGG	29502
6415	4615	CAACACGC C UCCUCUCU	11128	AGAGAGGA CUGAUGAG GCCGUUAGGC CGAA ICGUGUUG	29503
6416	4614	AACACGCC U CCUCUCUU	11129	AAGAGAGG CUGAUGAG GCCGUUAGGC CGAA IGCGUGUU	29504
6418	4612	CACGCCUC C UCUCUUUG	11130	CAAAGAGA CUGAUGAG GCCGUUAGGC CGAA IAGGCGUG	29505
6419	4611	ACGCCUCC U CUCUUUGU	11131	ACAAAGAG CUGAUGAG GCCGUUAGGC CGAA IGAGGCGU	29506
6421	4609	GCCUCCUC U CUUUGUGU	11132	ACACAAAG CUGAUGAG GCCGUUAGGC CGAA IAGGAGGC	29507
6423	4607	CUCCUCUC U UUGUGUAU	11133	AUACACAA CUGAUGAG GCCGUUAGGC CGAA IAGAGGAG	29508
	<del></del>	GAGUUAUC C AAAAUCCA	11134	UGGAUUUU CUGAUGAG GCCGUUAGGC CGAA IAUAACUC	29509
6444	4586				
6445	4585	AGUUAUCC A AAAUCCAA	<del></del>	<del>                                      </del>	29510
6451	4579	CCAAAAUC C AACUACUG	+		29511
6452	4578	CAAAAUCC A ACUACUGA	11137		29512
6455	4575	AAUCCAAC U ACUGAGGG	11138	<u> </u>	29513
6458	4572	CCAACUAC U GAGGGCAA	11139		29514
6465	4565	CUGAGGGC A AGAUUGCC		<u></u>	29515
6473	4557	AAGAUUGC C CAGGGGGU	11141		29516
6474	4556	AGAUUGCC C AGGGGGUG			29517
6475	4555	GAUUGCCC A GGGGGUGU	11143	<del> </del>	29518
6488	4542	GUGUACGC A CUAAUCGC	11144		29519
6490	4540	GUACGCAC U AAUCGCGA	11145		29520
6502	4528	CGCGAGAC A GACCAUUC	11146	GAAUGGUC CUGAUGAG GCCGUUAGGC CGAA IUCUCGCG	29521
6506	4524	AGACAGAC C AUUCUGAG	11147	CUCAGAAU CUGAUGAG GCCGUUAGGC CGAA IUCUGUCU	29522
6507	4523	GACAGACC A UUCUGAGC	11148	GCUCAGAA CUGAUGAG GCCGUUAGGC CGAA IGUCUGUC	29523
6511	4519	GACCAUUC U GAGCAUCC	11149	GGAUGCUC CUGAUGAG GCCGUUAGGC CGAA IAAUGGUC	29524
6516	4514	UUCUGAGC A UCCAUAUC	11150	GAUAUGGA CUGAUGAG GCCGUUAGGC CGAA ICUCAGAA	29525
6519	4511	UGAGCAUC C AUAUCUUC	11151	GAAGAUAU CUGAUGAG GCCGUUAGGC CGAA IAUGCUCA	29526
6520	4510	GAGCAUCC A UAUCUUCC	11152	GGAAGAUA CUGAUGAG GCCGUUAGGC CGAA IGAUGCUC	29527
6525	4505	UCCAUAUC U UCCAAGGU	11153	<u> </u>	29528
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6528	4502	AUAUCUUC C AAGGUGCU	11154	AGCACCUU CUGAUGAG GCCGUUAGGC CGAA IAAGAUAU	29529
6529	4501	UAUCUUCC A AGGUGCUC	11155	GAGCACCU CUGAUGAG GCCGUUAGGC CGAA IGAAGAUA	29530
6536	4494	CAAGGUGC U CCUGGAUC	11156	GAUCCAGG CUGAUGAG GCCGUUAGGC CGAA ICACCUUG	29531
6538	4492	AGGUGCUC C UGGAUCAU	11157	AUGAUCCA CUGAUGAG GCCGUUAGGC CGAA IAGCACCU	29532
6539	4491	GGUGCUCC U GGAUCAUU	11158	AAUGAUCC CUGAUGAG GCCGUUAGGC CGAA IGAGCACC	29533
6545	4485	CCUGGAUC A UUCAUGAG	11159	CUCAUGAA CUGAUGAG GCCGUUAGGC CGAA IAUCCAGG	29534
6549	4481	GAUCAUUC A UGAGCUGG	11160	CCAGCUCA CUGAUGAG GCCGUUAGGC CGAA IAAUGAUC	29535
6555	4475	UCAUGAGC U GGAAGUUU	11161	AAACUUCC CUGAUGAG GCCGUUAGGC CGAA ICUCAUGA	29536
6565	4465	GAAGUUUC C AUCAUCAU	11162	AUGAUGAU CUGAUGAG GCCGUUAGGC CGAA IAAACUUC	29537
6566	4464	AAGUUUCC A UCAUCAUC	11163	GAUGAUGA CUGAUGAG GCCGUUAGGC CGAA IGAAACUU	29538
6569	4461	UUUCCAUC A UCAUCAAG	11164	CUUGAUGA CUGAUGAG GCCGUUAGGC CGAA IAUGGAAA	29539
		CCAUCAUC A UCAAGCCG	11165	CGGCUUGA CUGAUGAG GCCGUUAGGC CGAA IAUGAUGG	29540
6572	4458	UCAUCAUC A GCCGCAC			
6575	4455		11166		29541
6579	4451	CAUCAAGC C GCACAUCA	11167	UGAUGUGC CUGAUGAG GCCGUUAGGC CGAA ICUUGAUG	29542
6582	4448	CAAGCCGC A CAUCAACU	11168	AGUUGAUG CUGAUGAG GCCGUUAGGC CGAA ICGGCUUG	29543
6584	4446	AGCCGCAC A UCAACUCU	11169	AGAGUUGA CUGAUGAG GCCGUUAGGC CGAA IUGCGGCU	29544
6587	4443	CGCACAUC A ACUCUUUC	11170	GAAAGAGU CUGAUGAG GCCGUUAGGC CGAA IAUGUGCG	29545
6590	4440	ACAUCAAC U CUUUCGCU	11171	AGCGAAAG CUGAUGAG GCCGUUAGGC CGAA IUUGAUGU	29546
6592	4438	AUCAACUC U UUCGCUCG	11172	CGAGCGAA CUGAUGAG GCCGUUAGGC CGAA IAGUUGAU	29547
6598	4432	UCUUUCGC U CGAGCCUG	11173	CAGGCUCG CUGAUGAG GCCGUUAGGC CGAA ICGAAAGA	29548
6604	4426	GCUCGAGC C UGUAAUUU	11174	AAAUUACA CUGAUGAG GCCGUUAGGC CGAA ICUCGAGC	29549
6605	4425	CUCGAGCC U GUAAUUUC	11175	GAAAUUAC CUGAUGAG GCCGUUAGGC CGAA IGCUCGAG	29550
6614	4416	GUAAUUUC U GCAUCACU	11176	AGUGAUGC CUGAUGAG GCCGUUAGGC CGAA IAAAUUAC	29551
6617	4413	AUUUCUGC A UCACUUUC	11177	GAAAGUGA CUGAUGAG GCCGUUAGGC CGAA ICAGAAAU	29552
6620	4410	UCUGCAUC A CUUUCCCA	11178	UGGGAAAG CUGAUGAG GCCGUUAGGC CGAA IAUGCAGA	29553
6622	4408	UGCAUCAC U UUCCCAGG	11179	CCUGGGAA CUGAUGAG GCCGUUAGGC CGAA IUGAUGCA	29554
6626	4404	UCACUUUC C CAGGAAAU	11180	AUUUCCUG CUGAUGAG GCCGUUAGGC CGAA IAAAGUGA	29555
6627	4403	CACUUUCC C AGGAAAUG	11181	CAUUUCCU CUGAUGAG GCCGUUAGGC CGAA IGAAAGUG	29556
6628	4402	ACUUUCCC A GGAAAUGU	11182	ACAUUUCC CUGAUGAG GCCGUUAGGC CGAA IGGAAAGU	29557
6638	4392	GAAAUGUC C GCCGUUCU	11183	AGAACGGC CUGAUGAG GCCGUUAGGC CGAA IACAUUUC	29558
6641	4389	AUGUCCGC C GUUCUCUC	11184	GAGAGAAC CUGAUGAG GCCGUUAGGC CGAA ICGGACAU	
-					29559
6646	4384	CGCCGUUC U CUCAAUCC	11185	GGAUUGAG CUGAUGAG GCCGUUAGGC CGAA IAACGGCG	29560
6648	4382	CCGUUCUC U CAAUCCAC	11186	GUGGAUUG CUGAUGAG GCCGUUAGGC CGAA IAGAACGG	29561
6650	4380	GUUCUCUC A AUCCACAU	11187	AUGUGGAU CUGAUGAG GCCGUUAGGC CGAA IAGAGAAC	29562
6654	4376	UCUCAAUC C ACAUAUCU	11188	AGAUAUGU CUGAUGAG GCCGUUAGGC CGAA IAUUGAGA	29563
6655	4375.	CUCAAUCC A CAUAUCUG	11189	CAGAUAUG CUGAUGAG GCCGUUAGGC CGAA IGAUUGAG	29564
6657	4373	CAAUCCAC A UAUCUGUU	11190	AACAGAUA CUGAUGAG GCCGUUAGGC CGAA IUGGAUUG	29565
6662	4368	CACAUAUC U GUUGAUUU	11191	AAAUCAAC CUGAUGAG GCCGUUAGGC CGAA IAUAUGUG	29566
6672	4358	UUGAUUUC C CAGAAAUC	11192	GAUUUCUG CUGAUGAG GCCGUUAGGC CGAA IAAAUCAA	29567
6673	4357	UGAUUUCC C AGAAAUCA	11193	UGAUUUCU CUGAUGAG GCCGUUAGGC CGAA IGAAAUCA	29568
6674	4356	GAUUUCCC A GAAAUCAC	11194	GUGAUUUC CUGAUGAG GCCGUUAGGC CGAA IGGAAAUC	29569
6681	4349	CAGAAAUC A CGAAAGCA	11195	UGCUUUCG CUGAUGAG GCCGUUAGGC CGAA IAUUUCUG	29570
6689	4341	ACGAAAGC A GCAAACAU	11196	AUGUUUGC CUGAUGAG GCCGUUAGGC CGAA ICUUUCGU	29571
6692	4338	AAAGCAGC A AACAUGAG	11197	CUCAUGUU CUGAUGAG GCCGUUAGGC CGAA ICUGCUUU	29572
6696	4334	CAGCAAAC A UGAGCCCC	11198	GGGGCUCA CUGAUGAG GCCGUUAGGC CGAA IUUUGCUG	29573
6702	4328	ACAUGAGC C CCGCGAUA	11199	UAUCGCGG CUGAUGAG GCCGUUAGGC CGAA ICUCAUGU	29574
6703	4327	CAUGAGCC C CGCGAUAG	11200	CUAUCGCG CUGAUGAG GCCGUUAGGC CGAA IGCUCAUG	29575
6704	4326	AUGAGCCC C GCGAUAGU	11201	ACUAUCGC CUGAUGAG GCCGUUAGGC CGAA IGGCUCAU	29576
6714	4316	CGAUAGUC A UUGGAAUG	11202	CAUUCCAA CUGAUGAG GCCGUUAGGC CGAA IACUAUCG	29577
6725	4305	GGAAUGGC C AUGGAGUC	11203	GACUCCAU CUGAUGAG GCCGUUAGGC CGAA ICCAUUCC	29578
6726	4304	GAAUGGCC A UGGAGUCA	11203	UGACUCCA CUGAUGAG GCCGUUAGGC CGAA ICCAUUC	
6734	4296	AUGGAGUC A AUGUCAAG		CUUGACAU CUGAUGAG GCCGUUAGGC CGAA IACUCCAU	29579
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6740	4290	UCAAUGUC A AGCUCUGC	11206	GCAGAGCU CUGAUGAG GCCGUUAGGC CGAA IACAUUGA	29581
6744	4286	UGUCAAGC U CUGCCAGC	11207	GCUGGCAG CUGAUGAG GCCGUUAGGC CGAA ICUUGACA	29582
6746	4284	UCAAGCUC U GCCAGCCC	11208	GGGCUGGC CUGAUGAG GCCGUUAGGC CGAA IAGCUUGA	29583
6749	4281	AGCUCUGC C AGCCCUCC	11209	GGAGGGCU CUGAUGAG GCCGUUAGGC CGAA ICAGAGCU	29584
6750	4280	GCUCUGCC A GCCCUCCG	11210	CGGAGGGC CUGAUGAG GCCGUUAGGC CGAA IGCAGAGC	29585
6753	4277	CUGCCAGC C CUCCGACG	11211	CGUCGGAG CUGAUGAG GCCGUUAGGC CGAA ICUGGCAG	29586
6754	4276	UGCCAGCC C UCCGACGA	11212	UCGUCGGA CUGAUGAG GCCGUUAGGC CGAA IGCUGGCA	29587
6755	4275	GCCAGCCC U CCGACGAU	11213	AUCGUCGG CUGAUGAG GCCGUUAGGC CGAA IGGCUGGC	29588
6757	4273	CAGCCCUC C GACGAUGG	11214	CCAUCGUC CUGAUGAG GCCGUUAGGC CGAA IAGGGCUG	29589

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		Lanie

6262	4262	ACGAUGGC A AACAUUAG	11215	CUAAUGUU CUGAUGAG GCCGUUAGGC CGAA ICCAUCGU	29590
6767	4263	UGGCAAAC A UUAGGCCG	11216	CGGCCUAA CUGAUGAG GCCGUUAGGC CGAA IUUUGCCA	29591
6771	4259		-	CAGCUGUC CUGAUGAG GCCGUUAGGC CGAA ICCUAAUG	29592
6778	4252	CAUUAGGC C GACAGCUG	11217		29593
6782	4248	AGGCCGAC A GCUGUCAU	11218		
6785	4245	CCGACAGC U GUCAUCAC	11219	GUGAUGAC CUGAUGAG GCCGUUAGGC CGAA ICUGUCGG	29594
6789	4241	CAGCUGUC A UCACUUCA	11220	UGAAGUGA CUGAUGAG GCCGUUAGGC CGAA IACAGCUG	29595
6792	4238	CUGUCAUC A CUUCAGUU	11221	AACUGAAG CUGAUGAG GCCGUUAGGC CGAA IAUGACAG	29596
6794	4236	GUCAUCAC U UCAGUUGC	11222	GCAACUGA CUGAUGAG GCCGUUAGGC CGAA IUGAUGAC	29597
6797	4233	AUCACUUC A GUUGCGGG	11223	CCCGCAAC CUGAUGAG GCCGUUAGGC CGAA IAAGUGAU	29598
6807	4223	UUGCGGGC C AUCCGCGU	11224	ACGCGGAU CUGAUGAG GCCGUUAGGC CGAA ICCCGCAA	29599
6808	4222	UGCGGGCC A UCCGCGUU	11225	AACGCGGA CUGAUGAG GCCGUUAGGC CGAA IGCCCGCA	29600
6811	4219	GGGCCAUC C GCGUUUAC	11226	GUAAACGC CUGAUGAG GCCGUUAGGC CGAA IAUGGCCC	29601
6830	4200	UUGGGAUC A CAUGCAAU	11227	AUUGCAUG CUGAUGAG GCCGUUAGGC CGAA IAUCCCAA	29602
6832	4198	GGGAUCAC A UGCAAUCA	11228	UGAUUGCA CUGAUGAG GCCGUUAGGC CGAA TUGAUCCC	29603
6836	4194	UCACAUGC A AUCAGUCC	11229	GGACUGAU CUGAUGAG GCCGUUAGGC CGAA ICAUGUGA	29604
				UGCUGGAC CUGAUGAG GCCGUUAGGC CGAA IAUUGCAU	29605
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6845	4185	AUCAGUCC A GCAGCAAG	11232	CUUGCUGC CUGAUGAG GCCGUUAGGC CGAA IGACUGAU	29607
6848	4182	AGUCCAGC A GCAAGGAU	11233	AUCCUUGC CUGAUGAG GCCGUUAGGC CGAA ICUGGACU	29608
6851	4179	CCAGCAGC A AGGAUCAU	11234	AUGAUCCU CUGAUGAG GCCGUUAGGC CGAA ICUGCUGG	29609
6858	4172	CAAGGAUC A UGGGGUUG	11235	CAACCCCA CUGAUGAG GCCGUUAGGC CGAA IAUCCUUG	29610
6874	4156	GAAAAGUC C UGUUGAGG	11236	CCUCAACA CUGAUGAG GCCGUUAGGC CGAA IACUUUUC	29611
6875	4155	AAAAGUCC U GUUGAGGC	11237	GCCUCAAC CUGAUGAG GCCGUUAGGC CGAA IGACUUUU	29612
6884	4146	GUUGAGGC U AGAGCCAA	11238	UUGGCUCU CUGAUGAG GCCGUUAGGC CGAA ICCUCAAC	29613
6890	4140	GCUAGAGC C AAGCAUAG	11239	CUAUGCUU CUGAUGAG GCCGUUAGGC CGAA ICUCUAGC	29614
<b>—</b>	4139	CUAGAGCC A AGCAUAGC	11240	GCUAUGCU CUGAUGAG GCCGUUAGGC CGAA IGCUCUAG	29615
6891				GUCUGCUA CUGAUGAG GCCGUUAGGC CGAA ICUUGGCU	29616
6895	4135	AGCCAAGC A UAGCAGAC	11241		
6900	4130	AGCAUAGC A GACUUGCU	11242	AGCAAGUC CUGAUGAG GCCGUUAGGC CGAA ICUAUGCU	29617
6904	4126	UAGCAGAC U UGCUCCUU	11243	AAGGAGCA CUGAUGAG GCCGUUAGGC CGAA IUCUGCUA	29618
6908	4122	AGACUUGC U CCUUUCUU	11244	AAGAAAGG CUGAUGAG GCCGUUAGGC CGAA ICAAGUCU	29619
6910	4120	ACUUGCUC C UUUCUUUU	11245	AAAAGAAA CUGAUGAG GCCGUUAGGC CGAA IAGCAAGU	29620
6911	4119	CUUGCUCC U UUCUUUUU	11246	AAAAAGAA CUGAUGAG GCCGUUAGGC CGAA IGAGCAAG	29621
6915	4115	CUCCUUUC U UUUUUGCA	11247	UGCAAAAA CUGAUGAG GCCGUUAGGC CGAA IAAAGGAG	29622
6923	4107	UUUUUUGC A GCUGCACU	11248	AGUGCAGC CUGAUGAG GCCGUUAGGC CGAA ICAAAAAA	29623
6926	4104	UUUGCAGC U GCACUCCU	11249	AGGAGUGC CUGAUGAG GCCGUUAGGC CGAA ICUGCAAA	29624
6929	4101	GCAGCUGC A CUCCUCUU	11250	AAGAGGAG CUGAUGAG GCCGUUAGGC CGAA ICAGCUGC	29625
6931	4099	AGCUGCAC U CCUCUUCU	11251	AGAAGAGG CUGAUGAG GCCGUUAGGC CGAA IUGCAGCU	29626
6933	4097	CUGCACUC C UCUUCUCC	11252	GGAGAAGA CUGAUGAG GCCGUUAGGC CGAA IAGUGCAG	29627
6934	4096	UGCACUCC U CUUCUCCC	11253	GGGAGAAG CUGAUGAG GCCGUUAGGC CGAA IGAGUGCA	29628
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6936	4094	<del></del>	11254		
6939	4091	UCCUCUUC U CCCUGAUC	11255	GAUCAGGG CUGAUGAG GCCGUUAGGC CGAA IAAGAGGA	29630
6941	4089	CUCUUCUC C CUGAUCAA	11256	UUGAUCAG CUGAUGAG GCCGUUAGGC CGAA IAGAAGAG	29631
6942	4088	UCUUCUCC C UGAUCAAG	11257	CUUGAUCA CUGAUGAG GCCGUUAGGC CGAA IGAGAAGA	29632
6943	4087	CUUCUCCC U GAUCAAGC	11258	GCUUGAUC CUGAUGAG GCCGUUAGGC CGAA IGGAGAAG	29633
6948	4082	CCCUGAUC A AGCUGCCU	11259	AGGCAGCU CUGAUGAG GCCGUUAGGC CGAA IAUCAGGG	29634
6952	4078	GAUCAAGC U GCCUAUUC	11260	GAAUAGGC CUGAUGAG GCCGUUAGGC CGAA ICUUGAUC	29635
6955	4075	CAAGCUGC C UAUUCCGA	11261	UCGGAAUA CUGAUGAG GCCGUUAGGC CGAA ICAGCUUG	29636
6956	4074	AAGCUGCC U AUUCCGAC	11262	GUCGGAAU CUGAUGAG GCCGUUAGGC CGAA IGCAGCUU	29637
6961	4069	GCCUAUUC C GACCAUCA	11263		29638
6965	4065	AUUCCGAC C AUCAACAG	11264	CUGUUGAU CUGAUGAG GCCGUUAGGC CGAA IUCGGAAU	29639
6966	4064	UUCCGACC A UCAACAGC	11265	GCUGUUGA CUGAUGAG GCCGUUAGGC CGAA IGUCGGAA	29640
6969	4061	CGACCAUC A ACAGCAGU	11266	ACUGCUGU CUGAUGAG GCCGUUAGGC CGAA IAUGGUCG	29641
6972	4058	CCAUCAAC A GCAGUAUC			29642
	<del> </del>	<del></del>	+	<u></u>	<del></del>
6975	4055	UCAACAGC A GUAUCCUG	11268	CAGGAUAC CUGAUGAG GCCGUUAGGC CGAA ICUGUUGA	29643
6981	4049	GCAGUAUC C UGUACACA	11269	UGUGUACA CUGAUGAG GCCGUUAGGC CGAA IAUACUGC	29644
6982	4048	CAGUAUCC U GUACACAU	11270	AUGUGUAC CUGAUGAG GCCGUUAGGC CGAA IGAUACUG	29645
6987	4043	UCCUGUAC A CAUCCAGA	11271	UCUGGAUG CUGAUGAG GCCGUUAGGC CGAA IUACAGGA	29646
6989	4041	CUGUACAC A UCCAGAUU	11272	AAUCUGGA CUGAUGAG GCCGUUAGGC CGAA IUGUACAG	29647
6992	4038	UACACAUC C AGAUUCAA	11273	UUGAAUCU CUGAUGAG GCCGUUAGGC CGAA IAUGUGUA	29648
6993	4037	ACACAUCC A GAUUCAAG	11274	<del> </del>	29649
6999	4031	CCAGAUUC A AGCAUCUC	11275	<u> </u>	29650

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7003	4027	AUUCAAGC A UCUCAGCC	11276	GGCUGAGA CUGAUGAG GCCGUUAGGC CGAA ICUUGAAU	29651
7006	4024	CAAGCAUC U CAGCCCGG	11277	CCGGGCUG CUGAUGAG GCCGUUAGGC CGAA IAUGCUUG	29652
7008	4022	AGCAUCUC A GCCCGGGU	11278	ACCCGGGC CUGAUGAG GCCGUUAGGC CGAA IAGAUGCU	29653
	4019	AUCUCAGC C CGGGUGUU	11279	AACACCCG CUGAUGAG GCCGUUAGGC CGAA ICUGAGAU	29654
7011		UCUCAGCC C GGGUGUUA	11280	UAACACCC CUGAUGAG GCCGUUAGGC CGAA IGCUGAGA	29655
7012	4018			GCUAGCCC CUGAUGAG GCCGUUAGGC CGAA ICUAACAC	29656
7023	4007	GUGUUAGC A GGGCUAGC	11281		<b></b>
7028	4002	AGCAGGGC U AGCAGCGG	11282	CCGCUGCU CUGAUGAG GCCGUUAGGC CGAA ICCCUGCU	29657
7032	3998	GGGCUAGC A GCGGAACA	11283	UGUUCCGC CUGAUGAG GCCGUUAGGC CGAA ICUAGCCC	29658
7040	3990	AGCGGAAC A ACCACGUU	11284	AACGUGGU CUGAUGAG GCCGUUAGGC CGAA IUUCCGCU	29659
7043	3987	GGAACAAC C ACGUUUGA	11285	UCAAACGU CUGAUGAG GCCGUUAGGC CGAA IUUGUUCC	29660
7044	3986	GAACAACC A CGUUUGAU	11286	AUCAAACG CUGAUGAG GCCGUUAGGC CGAA IGUUGUUC	29661
7073	3957	GUUAUGGC U CUCAGUAU	11287	AUACUGAG CUGAUGAG GCCGUUAGGC CGAA ICCAUAAC	29662
7075	3955	UAUGGCUC U CAGUAUCA	11288	UGAUACUG CUGAUGAG GCCGUUAGGC CGAA IAGCCAUA	29663
7077	3953	UGGCUCUC A GUAUCAUC	11289	GAUGAUAC CUGAUGAG GCCGUUAGGC CGAA IAGAGCCA	29664
7083	3947	UCAGUAUC A UCCAAGCU	11290	AGCUUGGA CUGAUGAG GCCGUUAGGC CGAA IAUACUGA	29665
7086	3944	GUAUCAUC C AAGCUACC	11291	GGUAGCUU CUGAUGAG GCCGUUAGGC CGAA IAUGAUAC	29666
7087	3943	UAUCAUCC A AGCUACCG	11292	CGGUAGCU CUGAUGAG GCCGUUAGGC CGAA IGAUGAUA	29667
7091	3939	AUCCAAGC U ACCGCCAG	11293	CUGGCGGU CUGAUGAG GCCGUUAGGC CGAA ICUUGGAU	29668
7094	3936	CAAGCUAC C GCCAGUGA	11294	UCACUGGC CUGAUGAG GCCGUUAGGC CGAA IUAGCUUG	29669
7097	3933	GCUACCGC C AGUGAAUU	11295	AAUUCACU CUGAUGAG GCCGUUAGGC CGAA ICGGUAGC	29670
7098	3932	CUACCGCC A GUGAAUUC	11296	GAAUUCAC CUGAUGAG GCCGUUAGGC CGAA IGCGGUAG	29671
7107	3923	GUGAAUUC A ACACAUCA	11297	UGAUGUGU CUGAUGAG GCCGUUAGGC CGAA IAAUUCAC	29672
7110	3920	AAUUCAAC A CAUCAGGG	11298	CCCUGAUG CUGAUGAG GCCGUUAGGC CGAA IUUGAAUU	29673
7112	3918	UUCAACAC A UCAGGGAU	11299	AUCCCUGA CUGAUGAG GCCGUUAGGC CGAA IUGUUGAA	29674
7115	3915	AACACAUC A GGGAUCUC	11300	GAGAUCCC CUGAUGAG GCCGUUAGGC CGAA IAUGUGUU	29675
7122	3908	CAGGGAUC U CCCAGAGC	11301	GCUCUGGG CUGAUGAG GCCGUUAGGC CGAA IAUCCCUG	29676
7124	3906	GGGAUCUC C CAGAGCAG	11302	CUGCUCUG CUGAUGAG GCCGUUAGGC CGAA IAGAUCCC	29677
7125	3905	GGAUCUCC C AGAGCAGA	11303	UCUGCUCU CUGAUGAG GCCGUUAGGC CGAA IGAGAUCC	29678
7126	3904	GAUCUCCC A GAGCAGAA	11304	UUCUGCUC CUGAUGAG GCCGUUAGGC CGAA IGGAGAUC	29679
7131	3899	CCCAGAGC A GAAUUUGG	11305	CCAAAUUC CUGAUGAG GCCGUUAGGC CGAA ICUCUGGG	29680
7145	3885	UGGCGGC A UCGUGAUA	11306	UAUCACGA CUGAUGAG GCCGUUAGGC CGAA ICCCGCCA	29681
7157	3873	UGAUAAGC C AUUUGAAA	11307	UUUCAAAU CUGAUGAG GCCGUUAGGC CGAA ICUUAUCA	29682
7158	3872	GAUAAGCC A UUUGAAAG	11308	CUUUCAAA CUGAUGAG GCCGUUAGGC CGAA IGCUUAUC	29683
7172	3858	AAGAAAAC A GCCGCCAA	11309	UUGGCGGC CUGAUGAG GCCGUUAGGC CGAA IUUUUCUU	29684
7175	3855	AAAACAGC C GCCAACAU	11310	AUGUUGGC CUGAUGAG GCCGUUAGGC CGAA ICUGUUUU	29685
7178	3852	ACAGCCGC C AACAUCAA	11311	UUGAUGUU CUGAUGAG GCCGUUAGGC CGAA ICGGCUGU	29686
7179	3851	CAGCCGCC A ACAUCAAC	11312	GUUGAUGU CUGAUGAG GCCGUUAGGC CGAA IGCGGCUG	29687
7182	3848	CCGCCAAC A UCAACAAA	11313	UUUGUUGA CUGAUGAG GCCGUUAGGC CGAA IUUGGCGG	29688
7185	3845	CCAACAUC A ACAAAAUG	11314	CAUUUUGU CUGAUGAG GCCGUUAGGC CGAA IAUGUUGG	29689
7188	3842	ACAUCAAC A AAAUGUUC	11315	GAACAUUU CUGAUGAG GCCGUUAGGC CGAA IUUGAUGU	29690
7197	3833	AAAUGUUC U CCUGGUUG	11316	CAACCAGG CUGAUGAG GCCGUUAGGC CGAA IAACAUUU	29691
7199	3831	AUGUUCUC C UGGUUGGU	11317	ACCAACCA CUGAUGAG GCCGUUAGGC CGAA IAGAACAU	29692
7200	3830	UGUUCUCC U GGUUGGUC		GACCAACC CUGAUGAG GCCGUUAGGC CGAA IAGAACA	29693
7209	3821	GGUUGGUC C AUCUCGCU			
			11319	AGCGAGAU CUGAUGAG GCCGUUAGGC CGAA IACCAACC	29694
7210	3820	GUUGGUCC A UCUCGCUU	11320	AAGCGAGA CUGAUGAG GCCGUUAGGC CGAA IGACCAAC	29695
7213	3817	GGUCCAUC U CGCUUUGA	11321	UCAAAGCG CUGAUGAG GCCGUUAGGC CGAA IAUGGACC	29696
7217	3813	CAUCUCGC U UUGAGAAA	11322	UUUCUCAA CUGAUGAG GCCGUUAGGC CGAA ICGAGAUG	29697
7232	3798	AACGAUGC C ACCAUAAA	11323	UUUAUGGU CUGAUGAG GCCGUUAGGC CGAA ICAUCGUU	29698
7233	3797	ACGAUGCC A CCAUAAAC	11324	GUUUAUGG CUGAUGAG GCCGUUAGGC CGAA IGCAUCGU	29699
7235	3795	GAUGCCAC C AUAAACAC	11325	GUGUUUAU CUGAUGAG GCCGUUAGGC CGAA IUGGCAUC	29700
7236	3794	AUGCCACC A UAAACACU	11326	AGUGUUUA CUGAUGAG GCCGUUAGGC CGAA IGUGGCAU	29701
7242	3788	CCAUAAAC A CUGGUUGU	11327	ACAACCAG CUGAUGAG GCCGUUAGGC CGAA IUUUAUGG	29702
7244	3786	AUAAACAC U GGUUGUAU	11328	AUACAACC CUGAUGAG GCCGUUAGGC CGAA IUGUUUAU	29703
7254	3776	GUUGUAUC U UGAAGGUC	11329	GACCUUCA CUGAUGAG GCCGUUAGGC CGAA IAUACAAC	29704
7265	3765	AAGGUCGC C AUGAGCGC	11330	GCGCUCAU CUGAUGAG GCCGUUAGGC CGAA ICGACCUU	29705
7266	3764	AGGUCGCC A UGAGCGCC	11331	GGCGCUCA CUGAUGAG GCCGUUAGGC CGAA IGCGACCU	29706
7274	3756	AUGAGCGC C AAGUGUAC	11332	GUACACUU CUGAUGAG GCCGUUAGGC CGAA ICGCUCAU	29707
7275	3755	UGAGCGCC A AGUGUACC	11333	GGUACACU CUGAUGAG GCCGUUAGGC CGAA IGCGCUCA	29708
7283	3747	AAGUGUAC C ACGUCUCC	11334	GGAGACGU CUGAUGAG GCCGUUAGGC CGAA IUACACUU	29709
7284	3746	AGUGUACC A CGUCUCCU	11335	AGGAGACG CUGAUGAG GCCGUUAGGC CGAA IGUACACU	29710
7289	3741	ACCACGUC U CCUCCCGA	11336	UCGGGAGG CUGAUGAG GCCGUUAGGC CGAA IACGUGGU	29711

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	2720	CACGUCUC C UCCCGAAU	11337	AUUCGGGA CUGAUGAG GCCGUUAGGC CGAA IAGACGUG	29712
7291	3739		11337	AAUUCGGG CUGAUGAG GCCGUUAGGC CGAA IGAGACGU	29713
7292	3738	ACGUCUCC U CCCGAAUU		CUAAUUCG CUGAUGAG GCCGUUAGGC CGAA IAGGAGAC	29714
7294	3736	GUCUCCUC C CGAAUUAG	11339		
7295	3735	UCUCCUCC C GAAUUAGA	11340		29715
7307	3723	UUAGAUUC U GCGAAAGC	11341	GCUUUCGC CUGAUGAG GCCGUUAGGC CGAA IAAUCUAA	29716
7316	3714	GCGAAAGC U GCCCCCAC	11342	GUGGGGC CUGAUGAG GCCGUUAGGC CGAA ICUUUCGC	29717
7319	3711	AAAGCUGC C CCCACCAA	11343	UUGGUGGG CUGAUGAG GCCGUUAGGC CGAA ICAGCUUU	29718
7320	3710	AAGCUGCC C CCACCAAG	11344	CUUGGUGG CUGAUGAG GCCGUUAGGC CGAA IGCAGCUU	29719
7321	3709	AGCUGCCC C CACCAAGA	11345	UCUUGGUG CUGAUGAG GCCGUUAGGC CGAA IGGCAGCU	29720
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7326	3704	CCCCCACC A AGAUGACA	11349	UGUCAUCU CUGAUGAG GCCGUUAGGC CGAA IGUGGGGG	29724
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7346	3684	CGUAACAC A UCAGUGUA	11352	UACACUGA CUGAUGAG GCCGUUAGGC CGAA IUGUUACG	29727
7349	3681	AACACAUC A GUGUAAGU	11353	ACUUACAC CUGAUGAG GCCGUUAGGC CGAA IAUGUGUU	29728
7363	3667	AGUAAUGC C CCCAAACA	11354	UGUUUGGG CUGAUGAG GCCGUUAGGC CGAA ICAUUACU	29729
7364	3666	GUAAUGCC C CCAAACAC	11355	GUGUUUGG CUGAUGAG GCCGUUAGGC CGAA IGCAUUAC	29730
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7366	3664	AAUGCCCC C AAACACCA	11357	UGGUGUUU CUGAUGAG GCCGUUAGGC CGAA IGGGCAUU	29732
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7373	3657	CCAAACAC C AGGACUAG	11360	CUAGUCCU CUGAUGAG GCCGUUAGGC CGAA IUGUUUGG	29735
7374	3656	CAAACACC A GGACUAGC	11361	GCUAGUCC CUGAUGAG GCCGUUAGGC CGAA IGUGUUUG	29736
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	3647	AGCAGAGC A AUCAGUAU	11364	AUACUGAU CUGAUGAG GCCGUUAGGC CGAA ICUCUGCU	29739
7388	3642		11365	AGCUAUAC CUGAUGAG GCCGUUAGGC CGAA IAUUGCUC	29740
7392	3638	GAGCAAUC A GUAUAGCU	11366	AGCAUGCC CUGAUGAG GCCGUUAGGC CGAA ICUAUACU	29741
7400	3630	AGUAUAGC U GGCAUGCU		GAUCAGCA CUGAUGAG GCCGUUAGGC CGAA ICCAGCUA	29742
7404	3626	UAGCUGGC A UGCUGAUC UGGCAUGC U GAUCUUGG	11367 11368	CCAAGAUC CUGAUGAG GCCGUUAGGC CGAA ICAUGCCA	29743
7408	3622	UGCUGAUC U UGGCUGUC		GACAGCCA CUGAUGAG GCCGUUAGGC CGAA IAUCAGCA	29744
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7426	3604	UGUCCACC U CUUGCGAA	11374	UUCGCAAG CUGAUGAG GCCGUUAGGC CGAA IGUGGACA	29749
7428	3602	UCCACCUC U UGCGAAGG	11375	CCUUCGCA CUGAUGAG GCCGUUAGGC CGAA IAGGUGGA	29750
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7442	3588	AGGACCUC C UGGGUGGC	11378	GCCACCCA CUGAUGAG GCCGUUAGGC CGAA IAGGUCCU	29753
7443	3587	GGACCUCC U GGGUGGCC	11379	GGCCACCC CUGAUGAG GCCGUUAGGC CGAA IGAGGUCC	29754
7451	3579	UGGGUGGC C AAGAACAC	11380	GUGUUCUU CUGAUGAG GCCGUUAGGC CGAA ICCACCCA	29755
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7463	3567	AACACGAC C AGAAGGCC	11383		29758
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7491	3539	GGUCAAUC A UAUCAGCA	11390		29765
7496	3534	AUCAUAUC A GCAUUAUA	11391		29766
7499	3531	AUAUCAGC A UUAUAAGC	11392		29767
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7512	3518	AAGCAUUC A CUUGUGAC	11394	<del></del>	29769
7514	3516	GCAUUCAC U UGUGACUG	11395		29770
7521	3509	CUUGUGAC U GCACGAGG	11396		29771
7524	3506	GUGACUGC A CGAGGGUC	11397		29772
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		Table	

7533	3497	CGAGGGUC U UUUCAUCA	11398	UGAUGAAA CUGAUGAG GCCGUUAGGC CGAA IACCCUCG	29773
7538	3492	GUCUUUUC A UCAUGUCU	11399	AGACAUGA CUGAUGAG GCCGUUAGGC CGAA IAAAAGAC	29774
7541	3489	UUUUCAUC A UGUCUCUG	11400	CAGAGACA CUGAUGAG GCCGUUAGGC CGAA IAUGAAAA	29775
7546	3484	AUCAUGUC U CUGUGGUC	11401	GACCACAG CUGAUGAG GCCGUUAGGC CGAA IACAUGAU	29776
7548	3482	CAUGUCUC U GUGGUCUG	11402	CAGACCAC CUGAUGAG GCCGUUAGGC CGAA IAGACAUG	29777
7555	3475	CUGUGGUC U GAUCUCCA	11403	UGGAGAUC CUGAUGAG GCCGUUAGGC CGAA IACCACAG	29778
7560	3470	GUCUGAUC U CCAUACCA	11404	UGGUAUGG CUGAUGAG GCCGUUAGGC CGAA IAUCAGAC	29779
7562	3468	CUGAUCUC C AUACCAUA	11405	UAUGGUAU CUGAUGAG GCCGUUAGGC CGAA IAGAUCAG	29780
7563	3467	UGAUCUCC A UACCAUAC	11406	GUAUGGUA CUGAUGAG GCCGUUAGGC CGAA IGAGAUCA	29781
7567	3463	CUCCAUAC C AUACCAAC	11407	GUUGGUAU CUGAUGAG GCCGUUAGGC CGAA IUAUGGAG	29782
7568	3462	UCCAUACC A UACCAACA	11408	UGUUGGUA CUGAUGAG GCCGUUAGGC CGAA IGUAUGGA	29783
7572	3458	UACCAUAC C AACAGCCG	11409	CGGCUGUU CUGAUGAG GCCGUUAGGC CGAA IUAUGGUA	29784
7573	3457	ACCAUACC A ACAGCCGC	11410	GCGGCUGU CUGAUGAG GCCGUUAGGC CGAA IGUAUGGU	29785
7576	3454	AUACCAAC A GCCGCUGU	11411	ACAGCGGC CUGAUGAG GCCGUUAGGC CGAA IUUGGUAU	29786
7579	3451	CCAACAGC C GCUGUCAG	11412	CUGACAGC CUGAUGAG GCCGUUAGGC CGAA ICUGUUGG	29787
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7624	3406	GCUCCUGC A GCACCAAU	11420	AUUGGUGC CUGAUGAG GCCGUUAGGC CGAA ICAGGAGC	29795
7627	3403	CCUGCAGC A CCAAUCUG	11421	CAGAUUGG CUGAUGAG GCCGUUAGGC CGAA ICUGCAGG	29796
7629	3401	UGCAGCAC C AAUCUGUU	11422	AACAGAUU CUGAUGAG GCCGUUAGGC CGAA IUGCUGCA	29797
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7634	3396	CACCAAUC U GUUAUCAA	11424	UUGAUAAC CUGAUGAG GCCGUUAGGC CGAA IAUUGGUG	29799
7641	3389	CUGUUAUC A ACUUUCCG	11425	CGGAAAGU CUGAUGAG GCCGUUAGGC CGAA IAUAACAG	29800
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7651	3379	cunncede n enendred	11428	CCACAGAG CUGAUGAG GCCGUUAGGC CGAA ICGGAAAG	29803
7653	3377	nncceene n enengene	11429	CACCACAG CUGAUGAG GCCGUUAGGC CGAA IAGCGGAA	29804
7655	3375	ccecnene n eneeneen	11430	ACCACCAC CUGAUGAG GCCGUUAGGC CGAA IAGAGCGG	29805
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7693	3337	UCCGCAGC U CUCACUCA	11436	UGAGUGAG CUGAUGAG GCCGUUAGGC CGAA ICUGCGGA	29811
7695	3335	CGCAGCUC U CACUCAGG	11437	CCUGAGUG CUGAUGAG GCCGUUAGGC CGAA IAGCUGCG	29812
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7701	3329	UCUCACUC A GGGUGACC	11440	GGUCACCC CUGAUGAG GCCGUUAGGC CGAA IAGUGAGA	29815
7709	3321	AGGGUGAC C GUAGUUCC			29816
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7745	3285	AUCUCUAC C CGGCCUUC			29823
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7750	3280	UACCCGGC C UUCGUCCC		L	29825
7751	3279	ACCCGGCC U UCGUCCCA	11451	UGGGACGA CUGAUGAG GCCGUUAGGC CGAA IGCCGGGU	29826
7757	3273	CCUUCGUC C CAUGGGCC			29827
7758	3272	CUUCGUCC C AUGGGCCC			29828
7759	3271		11454	AGGGCCCA CUGAUGAG GCCGUUAGGC CGAA IGACGAA	29829
7765	3265	CCAUGGGC C CUGGUUUU			
7766	3264	CAUGGGCC C UGGUUUUG			29830
7767	3263	AUGGGCCC U GGUUUUGU			29831
7779	3251	UUUGUGUC U UGUACCCA	11457		29832
1,,,9	7631	DOUGGGG O OGUACCCA	11458	UGGGUACA CUGAUGAG GCCGUUAGGC CGAA IACACAAA	29833

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7786	3244	UUGUACCC A GGUCUCCG	11461	CGGAGACC CUGAUGAG GCCGUUAGGC CGAA IGGUACAA	29836
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7817	3213	CGUGGUCC C GCCAGUGU	11466	ACACUGGC CUGAUGAG GCCGUUAGGC CGAA IGACCACG	29841
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7866	3164	CAUCGCCC C ACAAGGUA	11479	UACCUUGU CUGAUGAG GCCGUUAGGC CGAA IGGCGAUG	29854
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7869	3161	CGCCCCAC A AGGUAUGC	11481	GCAUACCU CUGAUGAG GCCGUUAGGC CGAA IUGGGGCG	29856
7881	3149	UAUGCGUC U CAGGCCAC	11482	GUGGCCUG CUGAUGAG GCCGUUAGGC CGAA IACGCAUA	29857
7883	3147	UGCGUCUC A GGCCACGU	11483	ACGUGGCC CUGAUGAG GCCGUUAGGC CGAA IAGACGCA	29858
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7888	3142	CUCAGGCC A CGUACAUG	11485	CAUGUACG CUGAUGAG GCCGUUAGGC CGAA IGCCUGAG	29860
7894	3136	CCACGUAC A UGAUUUGA	11486	UCAAAUCA CUGAUGAG GCCGUUAGGC CGAA IUACGUGG	29861
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7910		CUUCACCC A GAACUGCC	11491	GGCAGUUC CUGAUGAG GCCGUUAGGC CGAA IGGUGAAG	29866
7911	3119	CCCAGAAC U GCCCUUUC	11492	GAAAGGGC CUGAUGAG GCCGUUAGGC CGAA IUUCUGGG	29867
7916	3114	AGAACUGC C CUUUCAAG		CUUGAAAG CUGAUGAG GCCGUUAGGC CGAA ICAGUUCU	29868
7919	3111		11493	GCUUGAAA CUGAUGAG GCCGUUAGGC CGAA IGCAGUUC	29869
7920	3110	GAACUGCC C UUUCAAGC	11494	AGCUUGAA CUGAUGAG GCCGUUAGGC CGAA IGCAGUU	29870
7921	3109	AACUGCCC U UUCAAGCU	11495		
7925	3105	GCCCUUUC A AGCUUCCA	11496	UGGAAGCU CUGAUGAG GCCGUUAGGC CGAA IAAAGGGC	29871
7929	3101	UUUCAAGC U UCCACGUA	11497	UACGUGGA CUGAUGAG GCCGUUAGGC CGAA ICUUGAAA	29872
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7940	3090	CACGUAUC A UUGAGCCU	11500	AGGCUCAA CUGAUGAG GCCGUUAGGC CGAA IAUACGUG	29875
7947	3083	CAUUGAGC C UGCUUUCA	11501	UGAAAGCA CUGAUGAG GCCGUUAGGC CGAA ICUCAAUG	29876
7948	3082	AUUGAGCC U GCUUUCAA	11502	UUGAAAGC CUGAUGAG GCCGUUAGGC CGAA IGCUCAAU	29877
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7955	3075	CUGCUUUC A AUCCAAUA	11504	UAUUGGAU CUGAUGAG GCCGUUAGGC CGAA IAAAGCAG	29879
7959	3071	UUUCAAUC C AAUAGGAC	11505	GUCCUAUU CUGAUGAG GCCGUUAGGC CGAA IAUUGAAA	29880
7960	3070	UUCAAUCC A AUAGGACA	11506	UGUCCUAU CUGAUGAG GCCGUUAGGC CGAA IGAUUGAA	29881
7968	3062	AAUAGGAC A GGUCACUG	11507	CAGUGACC CUGAUGAG GCCGUUAGGC CGAA IUCCUAUU	29882
7973	3057	GACAGGUC A CUGUGGAU	11508	AUCCACAG CUGAUGAG GCCGUUAGGC CGAA IACCUGUC	29883
7975	3055	CAGGUCAC U GUGGAUCG	11509	CGAUCCAC CUGAUGAG GCCGUUAGGC CGAA IUGACCUG	29884
7985	3045	UGGAUCGC C AAGUUGUU	11510	AACAACUU CUGAUGAG GCCGUUAGGC CGAA ICGAUCCA	29885
7986	3044	GGAUCGCC A AGUUGUUC	11511	GAACAACU CUGAUGAG GCCGUUAGGC CGAA IGCGAUCC	29886
7995	3035	AGUUGUUC U UGACAGCC	11512	GGCUGUCA CUGAUGAG GCCGUUAGGC CGAA IAACAACU	29887
8000	3030	UUCUUGAC A GCCGUUCC	11513	GGAACGGC CUGAUGAG GCCGUUAGGC CGAA IUCAAGAA	29888
8003	3027	UUGACAGC C GUUCCAAU	11514	AUUGGAAC CUGAUGAG GCCGUUAGGC CGAA ICUGUCAA	29889
8008	3022	AGCCGUUC C AAUGAUCU	11515	AGAUCAUU CUGAUGAG GCCGUUAGGC CGAA IAACGGCU	29890
8009	3021	GCCGUUCC A AUGAUCUU	11516	AAGAUCAU CUGAUGAG GCCGUUAGGC CGAA IGAACGGC	29891
8016	3014	CAAUGAUC U UCGAGUCA	11517		29892
8024	3006	UUCGAGUC A CAUUCAGU	11518	ACUGAAUG CUGAUGAG GCCGUUAGGC CGAA IACUCGAA	29893
8026	3004	CGAGUCAC A UUCAGUUG	11519		29894
	1 202		1		

Table IX AACACAAC CUGAUGAG GCCGUUAGGC CGAA IAAUGUGA UCACAUUC A GUUGUGUU | 11520 UCAGAGAG CUGAUGAG GCCGUUAGGC CGAA ICAACACA UGUGUUGC U CUCUCUGA GGUCAGAG CUGAUGAG GCCGUUAGGC CGAA IAGCAACA UGUUGCUC U CUCUGACC AAGGUCAG CUGAUGAG GCCGUUAGGC CGAA IAGAGCAA UUGCUCUC U CUGACCUU GCUCUCUC U GACCUUCA UGAAGGUC CUGAUGAG GCCGUUAGGC CGAA IAGAGAGC UUCCUGAA CUGAUGAG GCCGUUAGGC CGAA IUCAGAGA UCUCUGAC C UUCAGGAA CUCUGACC U UCAGGAAC GUUCCUGA CUGAUGAG GCCGUUAGGC CGAA IGUCAGAG UGACCUUC A GGAACAUC GAUGUUCC CUGAUGAG GCCGUUAGGC CGAA IAAGGUCA UCAGGAAC A UCCGAGUG | 11528 CACUCGGA CUGAUGAG GCCGUUAGGC CGAA IUUCCUGA CAGCACUC CUGAUGAG GCCGUUAGGC CGAA IAUGUUCC GGAACAUC C GAGUGCUG CCGAGUGC U GGUGAGAC GUCUCACC CUGAUGAG GCCGUUAGGC CGAA ICACUCGG GGUGAGAC C AAAUCCAA UUGGAUUU CUGAUGAG GCCGUUAGGC CGAA IUCUCACC GUGAGACC A AAUCCAAA UUUGGAUU CUGAUGAG GCCGUUAGGC CGAA IGUCUCAC ACCAAAUC C AAAAUCCU AGGAUUUU CUGAUGAG GCCGUUAGGC CGAA IAUUUGGU CCAAAUCC A AAAUCCUC GAGGAUUU CUGAUGAG GCCGUUAGGC CGAA IGAUUUGG CCAAAAUC C UCCACUUC GAAGUGGA CUGAUGAG GCCGUUAGGC CGAA IAUUUUGG CAAAAUCC U CCACUUCU AGAAGUGG CUGAUGAG GCCGUUAGGC CGAA IGAUUUUG AAAUCCUC C ACUUCUAA UUAGAAGU CUGAUGAG GCCGUUAGGC CGAA IAGGAUUU AAUCCUCC A CUUCUAAG CUUAGAAG CUGAUGAG GCCGUUAGGC CGAA IGAGGAUU UCCUCCAC U UCUAAGCU AGCUUAGA CUGAUGAG GCCGUUAGGC CGAA IUGGAGGA AAUAGCUU CUGAUGAG GCCGUUAGGC CGAA IAAGUGGA UCCACUUC U AAGCUAUU CUUGGAAU CUGAUGAG GCCGUUAGGC CGAA ICUUAGAA UUCUAAGC U AUUCCAAG UCGCGCUU CUGAUGAG GCCGUUAGGC CGAA IAAUAGCU AGCUAUUC C AAGCGCGA AUCGCGCU CUGAUGAG GCCGUUAGGC CGAA IGAAUAGC GCUAUUCC A AGCGCGAU CGCGAUUC U GAGUCGGA UCCGACUC CUGAUGAG GCCGUUAGGC CGAA IAAUCGCG CCAAGGAA CUGAUGAG GCCGUUAGGC CGAA IUCCGACU AGUCGGAC A UUCCUUGG GAGACCAA CUGAUGAG GCCGUUAGGC CGAA IAAUGUCC GGACAUUC C UUGGUCUC GACAUUCC U UGGUCUCC GGAGACCA CUGAUGAG GCCGUUAGGC CGAA IGAAUGUC CCUUGGUC U CCGGACCA UGGUCCGG CUGAUGAG GCCGUUAGGC CGAA IACCAAGG UUGGUCUC C GGACCAUC GAUGGUCC CUGAUGAG GCCGUUAGGC CGAA IAGACCAA CUCCGGAC C AUCAACCA UGGUUGAU CUGAUGAG GCCGUUAGGC CGAA IUCCGGAG UCCGGACC A UCAACCAC GUGGUUGA CUGAUGAG GCCGUUAGGC CGAA IGUCCGGA UUUGUGGU CUGAUGAG GCCGUUAGGC CGAA IAUGGUCC GGACCAUC A ACCACAAA ACCUUUGU CUGAUGAG GCCGUUAGGC CGAA IUUGAUGG CCAUCAAC C ACAAAGGU CAUCAACC A CAAAGGUG CACCUUUG CUGAUGAG GCCGUUAGGC CGAA IGUUGAUG AACACCUU CUGAUGAG GCCGUUAGGC CGAA IUGGUUGA UCAACCAC A AAGGUGUU UUUGCACC CUGAUGAG GCCGUUAGGC CGAA IAACUCGC GCGAGUUC U GGUGCAAA AUUUUAUU CUGAUGAG GCCGUUAGGC CGAA ICACCAGA UCUGGUGC A AAUAAAAU UAAAAUAC U CUUUCCCC GGGGAAAG CUGAUGAG GCCGUUAGGC CGAA IUAUUUUA AAAUACUC U UUCCCCAG CUGGGGAA CUGAUGAG GCCGUUAGGC CGAA IAGUAUUU AGGCCUGG CUGAUGAG GCCGUUAGGC CGAA IAAAGAGU ACUCUUUC C CCAGGCCU AAGGCCUG CUGAUGAG GCCGUUAGGC CGAA IGAAAGAG CUCUUUCC C CAGGCCUU UCUUUCCC C AGGCCUUC GAAGGCCU CUGAUGAG GCCGUUAGGC CGAA IGGAAAGA CUUUCCCC A GGCCUUCC GGAAGGCC CUGAUGAG GCCGUUAGGC CGAA IGGGAAAG CCCCAGGC C UUCCAGCC GGCUGGAA CUGAUGAG GCCGUUAGGC CGAA ICCUGGGG CCCAGGCC U UCCAGCCA UGGCUGGA CUGAUGAG GCCGUUAGGC CGAA IGCCUGGG AGGCCUUC C AGCCAAUU AAUUGGCU CUGAUGAG GCCGUUAGGC CGAA IAAGGCCU AAAUUGGC CUGAUGAG GCCGUUAGGC CGAA IGAAGGCC GGCCUUCC A GCCAAUUU B221 CUUCCAGC C AAUUUCCA UGGAAAUU CUGAUGAG GCCGUUAGGC CGAA ICUGGAAG UUCCAGCC A AUUUCCAA UUGGAAAU CUGAUGAG GCCGUUAGGC CGAA IGCUGGAA CCAAUUUC C AAUUUUUC GAAAAAUU CUGAUGAG GCCGUUAGGC CGAA IAAAUUGG CAAUUUCC A AUUUUUCC GGAAAAAU CUGAUGAG GCCGUUAGGC CGAA IGAAAUUG AAUUUUUC C GUGGUGGC GCCACCAC CUGAUGAG GCCGUUAGGC CGAA IAAAAAUU UUAGGUGC U GACUUGUA UACAAGUC CUGAUGAG GCCGUUAGGC CGAA ICACCUAA GUGCUGAC U UGUACAUU AAUGUACA CUGAUGAG GCCGUUAGGC CGAA IUCAGCAC **B274** ACUUGUAC A UUCCCUCC GGAGGGAA CUGAUGAG GCCGUUAGGC CGAA IUACAAGU GUACAUUC C CUCCUGUU AACAGGAG CUGAUGAG GCCGUUAGGC CGAA IAAUGUAC UACAUUCC C UCCUGUUU AAACAGGA CUGAUGAG GCCGUUAGGC CGAA IGAAUGUA ACAUUCCC U CCUGUUUC GAAACAGG CUGAUGAG GCCGUUAGGC CGAA IGGAAUGU AUUCCCUC C UGUUUCUC GAGAAACA CUGAUGAG GCCGUUAGGC CGAA IAGGGAAU 

UGAGAAAC CUGAUGAG GCCGUUAGGC CGAA IGAGGGAA

UUCCCUCC U GUUUCUCA

8289	2741	CCUGUUUC U CAACCACG	11581	CGUGGUUG CUGAUGAG GCCGUUAGGC CGAA IAAACAGG	29956
8291	2739	UGUUUCUC A ACCACGAC	11582	GUCGUGGU CUGAUGAG GCCGUUAGGC CGAA IAGAAACA	29957
8294	2736	UUCUCAAC C ACGACACU	11583	AGUGUCGU CUGAUGAG GCCGUUAGGC CGAA IUUGAGAA	29958
8295	2735	UCUCAACC A CGACACUA	11584	UAGUGUCG CUGAUGAG GCCGUUAGGC CGAA IGUUGAGA	29959
8300	2730	ACCACGAC A CUAAGGUC	11585	GACCUUAG CUGAUGAG GCCGUUAGGC CGAA IUCGUGGU	29960
8302	2728	CACGACAC U AAGGUCCA	11586	UGGACCUU CUGAUGAG GCCGUUAGGC CGAA IUGUCGUG	29961
8309	2721	CUAAGGUC C ACACCAUU	11587	AAUGGUGU CUGAUGAG GCCGUUAGGC CGAA IACCUUAG	29962
8310	2720	UAAGGUCC A CACCAUUC	11588	GAAUGGUG CUGAUGAG GCCGUUAGGC CGAA IGACCUUA	29963
	2718	AGGUCCAC A CCAUUCUC	11589	GAGAAUGG CUGAUGAG GCCGUUAGGC CGAA IUGGACCU	29964
8312		GUCCACAC C AUUCUCCU	11590	AGGAGAAU CUGAUGAG GCCGUUAGGC CGAA IUGUGGAC	29965
8314	2716		11591	AAGGAGAA CUGAUGAG GCCGUUAGGC CGAA IGUGUGGA	29966
8315	2715	UCCACACC A UUCUCCUU	L		29967
8319	2711	CACCAUUC U CCUUCAAA	11592		
8321	2709	CCAUUCUC C UUCAAAAG	11593	CUUUUGAA CUGAUGAG GCCGUUAGGC CGAA IAGAAUGG	29968
8322	2708	CAUUCUCC U UCAAAAGA	11594	UCUUUUGA CUGAUGAG GCCGUUAGGC CGAA IGAGAAUG	29969
8325	2705	UCUCCUUC A AAAGAGUG	11595	CACUCUUU CUGAUGAG GCCGUUAGGC CGAA IAAGGAGA	29970
8337	2693	GAGUGUUC A GCUCGUCC	11596	GGACGAGC CUGAUGAG GCCGUUAGGC CGAA IAACACUC	29971
8340	2690	UGUUCAGC U CGUCCUUC	11597	GAAGGACG CUGAUGAG GCCGUUAGGC CGAA ICUGAACA	29972
8345	2685	AGCUCGUC C UUCACUGC	11598	GCAGUGAA CUGAUGAG GCCGUUAGGC CGAA IACGAGCU	29973
8346	2684	GCUCGUCC U UCACUGCU	11599	AGCAGUGA CUGAUGAG GCCGUUAGGC CGAA IGACGAGC	29974
8349	2681	CGUCCUUC A CUGCUUCC	11600	GGAAGCAG CUGAUGAG GCCGUUAGGC CGAA IAAGGACG	29975
8351	2679	UCCUUCAC U GCUUCCCA	11601	UGGGAAGC CUGAUGAG GCCGUUAGGC CGAA IUGAAGGA	29976
8354	2676	UUCACUGC U UCCCACAU	11602	AUGUGGGA CUGAUGAG GCCGUUAGGC CGAA ICAGUGAA	29977
8357	2673	ACUGCUUC C CACAUUUG	11603	CAAAUGUG CUGAUGAG GCCGUUAGGC CGAA IAAGCAGU	29978
8358	2672	CUGCUUCC C ACAUUUGA	11604	UCAAAUGU CUGAUGAG GCCGUUAGGC CGAA IGAAGCAG	29979
8359	2671	UGCUUCCC A CAUUUGAU	11605	AUCAAAUG CUGAUGAG GCCGUUAGGC CGAA IGGAAGCA	29980
		CUUCCCAC A UUUGAUGC	11606	GCAUCAAA CUGAUGAG GCCGUUAGGC CGAA IUGGGAAG	29981
8361	2669		11607	CAGACUGG CUGAUGAG GCCGUUAGGC CGAA ICAUCAAA	29982
8370	2660	UUUGAUGC U CCAGUCUG		UCCAGACU CUGAUGAG GCCGUUAGGC CGAA IAGCAUCA	29983
8372	2658	UGAUGCUC C AGUCUGGA	11608		29984
8373	2657	GAUGCUCC A GUCUGGAA	11609	UUCCAGAC CUGAUGAG GCCGUUAGGC CGAA IGAGCAUC	
8377	2653	CUCCAGUC U GGAAACUG	11610	CAGUUUCC CUGAUGAG GCCGUUAGGC CGAA IACUGGAG	29985
8384	2646	CUGGAAAC U GAUCGUAG	11611	CUACGAUC CUGAUGAG GCCGUUAGGC CGAA IUUUCCAG	29986
8395	2635	UCGUAGAC C GCACACUC	11612	GAGUGUGC CUGAUGAG GCCGUUAGGC CGAA IUCUACGA	29987
8398	2632	UAGACCGC A CACUCCUU	11613	AAGGAGUG CUGAUGAG GCCGUUAGGC CGAA ICGGUCUA	29988
8400	2630	GACCGCAC A CUCCUUCC	11614	GGAAGGAG CUGAUGAG GCCGUUAGGC CGAA IUGCGGUC	29989
8402	2628	CCGCACAC U CCUUCCUU	11615	AAGGAAGG CUGAUGAG GCCGUUAGGC CGAA IUGUGCGG	29990
8404	2626	GCACACUC C UUCCUUAU	11616	AUAAGGAA CUGAUGAG GCCGUUAGGC CGAA IAGUGUGC	29991
8405	2625	CACACUCC U UCCUUAUG	11617	CAUAAGGA CUGAUGAG GCCGUUAGGC CGAA IGAGUGUG	29992
8408	2622	ACUCCUUC C UUAUGAGC	11618	GCUCAUAA CUGAUGAG GCCGUUAGGC CGAA IAAGGAGU	29993
8409	2621	CUCCUUCC U UAUGAGCU	11619	AGCUCAUA CUGAUGAG GCCGUUAGGC CGAA IGAAGGAG	29994
8417	2613	UUAUGAGC U UUCUGAAU	11620	AUUCAGAA CUGAUGAG GCCGUUAGGC CGAA ICUCAUAA	29995
8421	2609	GAGCUUUC U GAAUGAUC	11621	GAUCAUUC CUGAUGAG GCCGUUAGGC CGAA IAAAGCUC	29996
8430	2600	GAAUGAUC U UGGCUAGG	11622	CCUAGCCA CUGAUGAG GCCGUUAGGC CGAA LAUCAUUC	29997
8435	2595	AUCUUGGC U AGGCCUUG	11623		29998
8440	2590	GGCUAGGC C UUGUGGCG	11624	CGCCACAA CUGAUGAG GCCGUUAGGC CGAA ICCUAGCC	29999
8441	2589	GCUAGGCC U UGUGGCGU	11625	ACGCCACA CUGAUGAG GCCGUUAGGC CGAA IGCCUAGC	30000
8453	2577	GGCGUUUC A GGGUAAUA	11626	UAUUACCC CUGAUGAG GCCGUUAGGC CGAA IAAACGCC	30001
	2567	GGUAAUAC U UGUACCGG	11627	CCGGUACA CUGAUGAG GCCGUUAGGC CGAA IUAUUACC	30002
8463		<del></del>	<del></del>	GAUGGACC CUGAUGAG GCCGUUAGGC CGAA IUACAAGU	30002
8469	2561	ACUUGUAC C GGUCCAUC	<del></del>	GCUUGGAU CUGAUGAG GCCGUUAGGC CGAA TOACAAGU	
8474	2556	UACCGGUC C AUCCAAGC	11629	<u></u>	30004
8475	2555	ACCGGUCC A UCCAAGCC	11630	GGCUUGGA CUGAUGAG GCCGUUAGGC CGAA IGACCGGU	30005
8478	2552	GGUCCAUC C AAGCCUCC	+	GGAGGCUU CUGAUGAG GCCGUUAGGC CGAA IAUGGACC	30006
8479	2551	GUCCAUCC A AGCCUCCA	11632	UGGAGGCU CUGAUGAG GCCGUUAGGC CGAA IGAUGGAC	30007
8483	2547	AUCCAAGC C UCCACAUC	11633		30008
8484	2546	UCCAAGCC U CCACAUCA	11634		30009
8486	2544	CAAGCCUC C ACAUCAUU	11635	AAUGAUGU CUGAUGAG GCCGUUAGGC CGAA IAGGCUUG	30010
8487	2543	AAGCCUCC A CAUCAUUG	11636		30011
8489	2541	GCCUCCAC A UCAUUGUG	11637		30012
8492	2538	UCCACAUC A UUGUGUAU	11638		30013
8505	2525	GUAUGAAC A CUCCACUU	11639	AAGUGGAG CUGAUGAG GCCGUUAGGC CGAA IUUCAUAC	30014
8507	2523	AUGAACAC U CCACUUCC	11640	GGAAGUGG CUGAUGAG GCCGUUAGGC CGAA IUGUUCAU	30015
8509	2521	GAACACUC C ACUUCCAC	11641	GUGGAAGU CUGAUGAG GCCGUUAGGC CGAA IAGUGUUC	30016
	<del></del>	<del></del>	<del></del>		

Table IX

8510	2520	AACACUCC A CUUCCACA	11642	UGUGGAAG CUGAUGAG GCCGUUAGGC CGAA IGAGUGUU	30017
		CACUCCAC U UCCACAUC	11643	GAUGUGGA CUGAUGAG GCCGUUAGGC CGAA IUGGAGUG	
8512	2518				30018
8515	2515	UCCACUUC C ACAUCUCA	11644	UGAGAUGU CUGAUGAG GCCGUUAGGC CGAA IAAGUGGA	30019
8516	2514	CCACUUCC A CAUCUCAG	11645	CUGAGAUG CUGAUGAG GCCGUUAGGC CGAA IGAAGUGG	30020
8518	2512	ACUUCCAC A UCUCAGCU	11646	AGCUGAGA CUGAUGAG GCCGUUAGGC CGAA IUGGAAGU	30021
8521	2509	UCCACAUC U CAGCUCUU	11647	AAGAGCUG CUGAUGAG GCCGUUAGGC CGAA IAUGUGGA	30022
8523	2507	CACAUCUC A GCUCUUGC	11648	GCAAGAGC CUGAUGAG GCCGUUAGGC CGAA IAGAUGUG	30023
8526	2504	AUCUCAGC U CUUGCCGG	11649	CCGGCAAG CUGAUGAG GCCGUUAGGC CGAA ICUGAGAU	30024
8528	2502	CUCAGCUC U UGCCGGCU	11650	AGCCGGCA CUGAUGAG GCCGUUAGGC CGAA IAGCUGAG	30025
8532	2498	GCUCUUGC C GGCUGAUG	11651	CAUCAGCC CUGAUGAG GCCGUUAGGC CGAA ICAAGAGC	30026
8536	2494	UUGCCGGC U GAUGUCUA	11652	UAGACAUC CUGAUGAG GCCGUUAGGC CGAA ICCGGCAA	30027
8543	2487	CUGAUGUC U AUGGCACA	11653	UGUGCCAU CUGAUGAG GCCGUUAGGC CGAA IACAUCAG	30028
8549	2481	UCUAUGGC A CACCCAGU	11654	ACUGGGUG CUGAUGAG GCCGUUAGGC CGAA ICCAUAGA	30029
8551	2479	UAUGGCAC A CCCAGUGU	11655	ACACUGGG CUGAUGAG GCCGUUAGGC CGAA IUGCCAUA	30030
				UGACACUG CUGAUGAG GCCGUUAGGC CGAA IUGUGCCA	
8553	2477	UGGCACAC C CAGUGUCA	11656		30031
8554	2476	GGCACACC C AGUGUCAG	11657	CUGACACU CUGAUGAG GCCGUUAGGC CGAA IGUGUGCC	30032
8555	2475	GCACACCC A GUGUCAGC	11658	GCUGACAC CUGAUGAG GCCGUUAGGC CGAA IGGUGUGC	30033
8561	2469	CCAGUGUC A GCGUGCAC	11659	GUGCACGC CUGAUGAG GCCGUUAGGC CGAA IACACUGG	30034
8568	2462	CAGCGUGC A CGUUCACG	11660	CGUGAACG CUGAUGAG GCCGUUAGGC CGAA ICACGCUG	30035
8574	2456	GCACGUUC A CGGAGAGG	11661	CCUCUCCG CUGAUGAG GCCGUUAGGC CGAA IAACGUGC	30036
8589	2441	GGAAGAGC A GAACUCCU	11662	AGGAGUUC CUGAUGAG GCCGUUAGGC CGAA ICUCUUCC	30037
8594	2436	AGCAGAAC U CCUCCAAC	11663	GUUGGAGG CUGAUGAG GCCGUUAGGC CGAA IUUCUGCU	30038
8596	2434	CAGAACUC C UCCAACUG	11664	CAGUUGGA CUGAUGAG GCCGUUAGGC CGAA IAGUUCUG	30039
8597	2433	AGAACUCC U CCAACUGC	11665	GCAGUUGG CUGAUGAG GCCGUUAGGC CGAA IGAGUUCU	30040
8599	2431	AACUCCUC C AACUGCGA	11666	UCGCAGUU CUGAUGAG GCCGUUAGGC CGAA IAGGAGUU	30041
		ACUCCUCC A ACUGCGAG			
8600	2430		11667		30042
8603	2427	CCUCCAAC U GCGAGAAA	11668	UUUCUCGC CUGAUGAG GCCGUUAGGC CGAA IUUGGAGG	30043
8621	2409	GUGAGAGC U AUGGACCU	11669	AGGUCCAU CUGAUGAG GCCGUUAGGC CGAA ICUCUCAC	30044
8628	2402	CUAUGGAC C UAUCACGA	11670	UCGUGAUA CUGAUGAG GCCGUUAGGC CGAA IUCCAUAG	30045
8629	2401	UAUGGACC U AUCACGAG	11671	CUCGUGAU CUGAUGAG GCCGUUAGGC CGAA IGUCCAUA	30046
8633	2397	GACCUAUC A CGAGCAUU	11672	AAUGCUCG CUGAUGAG GCCGUUAGGC CGAA IAUAGGUC	30047
8639	2391	UCACGAGC A UUGAUGCC	11673	GGCAUCAA CUGAUGAG GCCGUUAGGC CGAA ICUCGUGA	30048
8647	2383	AUUGAUGC C CAUCCACA	11674	UGUGGAUG CUGAUGAG GCCGUUAGGC CGAA ICAUCAAU	30049
8648	2382	UUGAUGCC C AUCCACAA	11675	UUGUGGAU CUGAUGAG GCCGUUAGGC CGAA IGCAUCAA	30050
8649	2381	UGAUGCCC A UCCACAAC	11676	GUUGUGGA CUGAUGAG GCCGUUAGGC CGAA IGGCAUCA	30051
8652	2378	UGCCCAUC C ACAACAGG	11677	CCUGUUGU CUGAUGAG GCCGUUAGGC CGAA IAUGGGCA	30052
8653	2377	GCCCAUCC A CAACAGGA	11678	UCCUGUUG CUGAUGAG GCCGUUAGGC CGAA IGAUGGGC	30053
8655	2375	CCAUCCAC A ACAGGAGA	11679	UCUCCUGU CUGAUGAG GCCGUUAGGC CGAA IUGGAUGG	30054
8658	2372	UCCACAAC A GGAGAGCC	11680	GGCUCUCC CUGAUGAG GCCGUUAGGC CGAA IUUGUGGA	
		AGGAGAGC C CCCAGCAA			30055
8666	2364		11681	UUGCUGGG CUGAUGAG GCCGUUAGGC CGAA ICUCUCCU	30056
8667	2363	GGAGAGCC C CCAGCAAU	11682	AUUGCUGG CUGAUGAG GCCGUUAGGC CGAA IGCUCUCC	30057
8668	2362	GAGAGCCC C CAGCAAUC	11683	GAUUGCUG CUGAUGAG GCCGUUAGGC CGAA IGGCUCUC	30058
8669	2361	AGAGCCCC C AGCAAUCC	11684	GGAUUGCU CUGAUGAG GCCGUUAGGC CGAA IGGGCUCU	30059
8670	2360	GAGCCCCC A GCAAUCCU	11685	AGGAUUGC CUGAUGAG GCCGUUAGGC CGAA IGGGGCUC	30060
8673	2357	CCCCCAGC A AUCCUUGC	11686	GCAAGGAU CUGAUGAG GCCGUUAGGC CGAA ICUGGGGG	30061
8677	2353	CAGCAAUC C UUGCGUUA	11687	UAACGCAA CUGAUGAG GCCGUUAGGC CGAA IAUUGCUG	30062
8678	2352	AGCAAUCC U UGCGUUAU	11688	AUAACGCA CUGAUGAG GCCGUUAGGC CGAA IGAUUGCU	30063
8688	2342	GCGUUAUC C AGGACAUG	11689	CAUGUCCU CUGAUGAG GCCGUUAGGC CGAA IAUAACGC	30064
8689	2341	CGUUAUCC A GGACAUGC	11690	GCAUGUCC CUGAUGAG GCCGUUAGGC CGAA IGAUAACG	30065
8694	2336	UCCAGGAC A UGCCUCCG	11691	CGGAGGCA CUGAUGAG GCCGUUAGGC CGAA IUCCUGGA	30066
8698	2332	GGACAUGC C UCCGAACA	11692	UGUUCGGA CUGAUGAG GCCGUUAGGC CGAA ICAUGUCC	30067
8699	2331	GACAUGCC U CCGAACAG	11693	CUGUUCGG CUGAUGAG GCCGUUAGGC CGAA IGCAUGUC	30067
8701	2329	CAUGCCUC C GAACAGUG			
			11694	CACUGUUC CUGAUGAG GCCGUUAGGC CGAA IAGGCAUG	30069
8706	2324	CUCCGAAC A GUGAGCGG	11695	CCGCUCAC CUGAUGAG GCCGUUAGGC CGAA IUUCGGAG	30070
8720	2310	CGGAAUGC U CCUCCGAA	11696	UUCGGAGG CUGAUGAG GCCGUUAGGC CGAA ICAUUCCG	30071
8722	2308	GAAUGCUC C UCCGAACA	11697	UGUUCGGA CUGAUGAG GCCGUUAGGC CGAA IAGCAUUC	30072
8723	2307	AAUGCUCC U CCGAACAC	11698	GUGUUCGG CUGAUGAG GCCGUUAGGC CGAA IGAGCAUU	30073
8725	2305	UGCUCCUC C GAACACUU	11699	AAGUGUUC CUGAUGAG GCCGUUAGGC CGAA IAGGAGCA	30074
8730	2300	CUCCGAAC A CUUGAUGG	11700	CCAUCAAG CUGAUGAG GCCGUUAGGC CGAA IUUCGGAG	30075
8732	2298	CCGAACAC U UGAUGGAC	11701	GUCCAUCA CUGAUGAG GCCGUUAGGC CGAA IUGUUCGG	30076
8741	2289	UGAUGGAC A GCCUUCCC	11702	GGGAAGGC CUGAUGAG GCCGUUAGGC CGAA IUCCAUCA	30077
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8744	2286	UGGACAGC C UUCCCAAC	11703	GUUGGGAA CUGAUGAG GCCGUUAGGC CGAA ICUGUCCA	30078
8745	2285	GGACAGCC U UCCCAACU	11704	AGUUGGGA CUGAUGAG GCCGUUAGGC CGAA IGCUGUCC	30079
8748	2282	CAGCCUUC C CAACUGAG	11705	CUCAGUUG CUGAUGAG GCCGUUAGGC CGAA IAAGGCUG	30080
8749	2281	AGCCUUCC C AACUGAGG	11706	CCUCAGUU CUGAUGAG GCCGUUAGGC CGAA IGAAGGCU	30081
8750	2280	GCCUUCCC A ACUGAGGU	11707	ACCUCAGU CUGAUGAG GCCGUUAGGC CGAA IGGAAGGC	30082
	2277	UUCCCAAC U GAGGUGAA	11708	UUCACCUC CUGAUGAG GCCGUUAGGC CGAA IUUGGGAA	30083
8753		AGGUGAAC A CCCCUCCA	11708	UGGAGGG CUGAUGAG GCCGUUAGGC CGAA IUUCACCU	30084
8763	2267				
8765	2265	GUGAACAC C CCUCCAAC	11710		30085
8766	2264	UGAACACC C CUCCAACU	11711	AGUUGGAG CUGAUGAG GCCGUUAGGC CGAA IGUGUUCA	30086
8767	2263	GAACACCC C UCCAACUG	11712	CAGUUGGA CUGAUGAG GCCGUUAGGC CGAA IGGUGUUC	30087
8768	2262	AACACCCC U CCAACUGA	11713	UCAGUUGG CUGAUGAG GCCGUUAGGC CGAA IGGGUGUU	30088
8770	2260	CACCCCUC C AACUGAUC	11714	GAUCAGUU CUGAUGAG GCCGUUAGGC CGAA IAGGGGUG	30089
8771	2259	ACCCCUCC A ACUGAUCC	11715	GGAUCAGU CUGAUGAG GCCGUUAGGC CGAA IGAGGGGU	30090
8774	2256	CCUCCAAC U GAUCCAAA	11716	UUUGGAUC CUGAUGAG GCCGUUAGGC CGAA IUUGGAGG	30091
8779	2251	AACUGAUC C AAAGUCCC	11717	GGGACUUU CUGAUGAG GCCGUUAGGC CGAA IAUCAGUU	30092
8780	2250	ACUGAUCC A AAGUCCCA	11718	UGGGACUU CUGAUGAG GCCGUUAGGC CGAA IGAUCAGU	30093
8786	2244	CCAAAGUC C CAAGCUGU	11719	ACAGCUUG CUGAUGAG GCCGUUAGGC CGAA IACUUUGG	30094
8787	2243	CAAAGUCC C AAGCUGUG	11720	CACAGCUU CUGAUGAG GCCGUUAGGC CGAA IGACUUUG	30095
8788	2242	AAAGUCCC A AGCUGUGU	11721	ACACAGCU CUGAUGAG GCCGUUAGGC CGAA IGGACUUU	30096
8792	2238	UCCCAAGC U GUGUCUCC	11722	GGAGACAC CUGAUGAG GCCGUUAGGC CGAA ICUUGGGA	30097
8798	2232	GCUGUGUC U CCUAGAGC	11723	GCUCUAGG CUGAUGAG GCCGUUAGGC CGAA IACACAGC	30098
8800	2230	UGUGUCUC C UAGAGCGG	11724	CCGCUCUA CUGAUGAG GCCGUUAGGC CGAA IAGACACA	30099
8801	2229	GUGUCUCC U AGAGCGGC	11725	GCCGCUCU CUGAUGAG GCCGUUAGGC CGAA IGAGACAC	30100
8810	2220	AGAGCGGC U AGUCUCUG	11726	CAGAGACU CUGAUGAG GCCGUUAGGC CGAA ICCGCUCU	30101
8815	2215	GGCUAGUC U CUGCGCUC	11727	GAGCGCAG CUGAUGAG GCCGUUAGGC CGAA IACUAGCC	30102
8817	2213	CUAGUCUC U GCGCUCCU	11728	AGGAGCGC CUGAUGAG GCCGUUAGGC CGAA IAGACUAG	30103
8822	2208	CUCUGCGC U CCUUUGAG	11729	CUCAAAGG CUGAUGAG GCCGUUAGGC CGAA ICGCAGAG	30104
8824	2206	CUGCGCUC C UUUGAGGG	11730	CCCUCAAA CUGAUGAG GCCGUUAGGC CGAA IAGCGCAG	30105
8825	2205	UGCGCUCC U UUGAGGGU	11731	ACCCUCAA CUGAUGAG GCCGUUAGGC CGAA IGAGCGCA	30106
8846	2184	GUAAAGGC U UUGCCAAU	11732	AUUGGCAA CUGAUGAG GCCGUUAGGC CGAA ICCUUUAC	30107
8851	2179	GGCUUUGC C AAUGCUGC	11733	GCAGCAUU CUGAUGAG GCCGUUAGGC CGAA ICAAAGCC	30108
8852	2178	GCUUUGCC A AUGCUGCU	11734	AGCAGCAU CUGAUGAG GCCGUUAGGC CGAA IGCAAAGC	30109
8857	2173	GCCAAUGC U GCUUCCAG	11735	CUGGAAGC CUGAUGAG GCCGUUAGGC CGAA ICAUUGGC	30110
8860	2170	AAUGCUGC U UCCAGACU	11736	AGUCUGGA CUGAUGAG GCCGUUAGGC CGAA ICAGCAUU	30111
8863	2167	GCUGCUUC C AGACUUGU	11737	ACAAGUCU CUGAUGAG GCCGUUAGGC CGAA IAAGCAGC	30112
8864	2166	CUGCUUCC A GACUUGUG	11738	CACAAGUC CUGAUGAG GCCGUUAGGC CGAA IGAAGCAG	30113
8868	2162	UUCCAGAC U UGUGCCAA	11739	UUGGCACA CUGAUGAG GCCGUUAGGC CGAA IUCUGGAA	30114
8874	2156	ACUUGUGC C AAUGGUGA	11740	UCACCAUU CUGAUGAG GCCGUUAGGC CGAA ICACAAGU	30115
8875	2155	CUUGUGCC A AUGGUGAU	11741	AUCACCAU CUGAUGAG GCCGUUAGGC CGAA IGCACAAG	30116
8889	2141	GAUUGAUC U GUUGUUCU	11742	AGAACAAC CUGAUGAG GCCGUUAGGC CGAA IAUCAAUC	30117
8897	2133	nennenne n cenenece	11743	GGCAGAGG CUGAUGAG GCCGUUAGGC CGAA IAACAACA	30118
8899	2131	UUGUUCUC C UCUGCCCA	11744	UGGGCAGA CUGAUGAG GCCGUUAGGC CGAA IAGAACAA	30119
8900	2130	UGUUCUCC U CUGCCCAC	11745	GUGGGCAG CUGAUGAG GCCGUUAGGC CGAA IGAGAACA	30120
8902	2128	UUCUCCUC U GCCCACCA	11746	UGGUGGGC CUGAUGAG GCCGUUAGGC CGAA IAGGAGAA	30121
8905	2125	UCCUCUGC C CACCACUA	11747	UAGUGGUG CUGAUGAG GCCGUUAGGC CGAA ICAGAGGA	30122
8906	2124	CCUCUGCC C ACCACUAU	11748	AUAGUGGU CUGAUGAG GCCGUUAGGC CGAA IGCAGAGG	30123
8907	2123	CUCUGCCC A CCACUAUG	11749	CAUAGUGG CUGAUGAG GCCGUUAGGC CGAA IGGCAGAG	30124
8909	2121	CUGCCCAC C ACUAUGUA	11750	UACAUAGU CUGAUGAG GCCGUUAGGC CGAA IUGGGCAG	30125
8910	2120	UGCCCACC A CUAUGUAU	11751	AUACAUAG CUGAUGAG GCCGUUAGGC CGAA IGUGGGCA	30126
8912	2118	CCCACCAC U AUGUAUGA	11752	UCAUACAU CUGAUGAG GCCGUUAGGC CGAA IUGGUGGG	30127
8924	2106	UAUGAGUC U CCAAAGGG	11753	CCCUUUGG CUGAUGAG GCCGUUAGGC CGAA IACUCAUA	30128
8926	2104	UGAGUCUC C AAAGGGUG	11754	CACCCUUU CUGAUGAG GCCGUUAGGC CGAA IAGACUCA	30129
8927	2103	GAGUCUCC A AAGGGUGG	11755	CCACCCUU CUGAUGAG GCCGUUAGGC CGAA IGAGACUC	30130
8939	2091	GGUGGUUC C AAUUCAAU	11756	AUUGAAUU CUGAUGAG GCCGUUAGGC CGAA IAACCACC	30131
8940	2090	GUGGUUCC A AUUCAAUC	11757	GAUUGAAU CUGAUGAG GCCGUUAGGC CGAA IGAACCAC	30132
8945	2085	UCCAAUUC A AUCAGGAC	11758	GUCCUGAU CUGAUGAG GCCGUUAGGC CGAA IAAUUGGA	30133
8949	2081	AUUCAAUC A GGACCUUA	11759	UAAGGUCC CUGAUGAG GCCGUUAGGC CGAA IAUUGAAU	30134
8954	2076	AUCAGGAC C UUAGCGUU	11760	AACGCUAA CUGAUGAG GCCGUUAGGC CGAA IUCCUGAU	30135
8955	2075	UCAGGACC U UAGCGUUG	11761	CAACGCUA CUGAUGAG GCCGUUAGGC CGAA IGUCCUGA	30136
8966	2064	GCGUUGGC C GUGGCCAC		GUGGCCAC CUGAUGAG GCCGUUAGGC CGAA ICCAACGC	30137
8972	2058	GCCGUGGC C ACUGAAAC	11763	GUUUCAGU CUGAUGAG GCCGUUAGGC CGAA ICCACGGC	30138
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					30430
8973	2057	CCGUGGCC A CUGAAACA	11764	UGUUUCAG CUGAUGAG GCCGUUAGGC CGAA IGCCACGG	30139
8975	2055	GUGGCCAC U GAAACAAA	11765	UUUGUUUC CUGAUGAG GCCGUUAGGC CGAA IUGGCCAC	30140
8981	2049	ACUGAAAC A AAAGGGUU	11766	AACCCUUU CUGAUGAG GCCGUUAGGC CGAA IUUUCAGU	30141
8993	2037	GGGUUGAC A GUGACCAA	11767	UUGGUCAC CUGAUGAG GCCGUUAGGC CGAA IUCAACCC	30142
8999	2031	ACAGUGAC C AAUCUGCC	11768	GGCAGAUU CUGAUGAG GCCGUUAGGC CGAA IUCACUGU	30143
9000	2030	CAGUGACC A AUCUGCCC	11769	GGGCAGAU CUGAUGAG GCCGUUAGGC CGAA IGUCACUG	30144
	2026	GACCAAUC U GCCCACUG	11770	CAGUGGC CUGAUGAG GCCGUUAGGC CGAA IAUUGGUC	30145
9004					
9007	2023	CAAUCUGC C CACUGGCG	11771		30146
9008	2022	AAUCUGCC C ACUGGCGU	11772	ACGCCAGU CUGAUGAG GCCGUUAGGC CGAA IGCAGAUU	30147
9009	2021	AUCUGCCC A CUGGCGUU	11773	AACGCCAG CUGAUGAG GCCGUUAGGC CGAA IGGCAGAU	30148
9011	2019	CUGCCCAC U GGCGUUAG	11774	CUAACGCC CUGAUGAG GCCGUUAGGC CGAA IUGGGCAG	30149
9027	2003	GGUCGUUC A AUGAAGCC	11775	GGCUUCAU CUGAUGAG GCCGUUAGGC CGAA IAACGACC	30150
9035	1995	AAUGAAGC C ACUGACGA	11776	UCGUCAGU CUGAUGAG GCCGUUAGGC CGAA ICUUCAUU	30151
9036	1994	AUGAAGCC A CUGACGAG	11777	CUCGUCAG CUGAUGAG GCCGUUAGGC CGAA IGCUUCAU	30152
9038	1992	GAAGCCAC U GACGAGAU	11778	AUCUCGUC CUGAUGAG GCCGUUAGGC CGAA IUGGCUUC	30153
9053	1977	AUAGGAAC U UUGCAAGG	11779	CCUUGCAA CUGAUGAG GCCGUUAGGC CGAA IUUCCUAU	30154
9058	1972	AACUUUGC A AGGUCCAU	11780		30155
9064	1966	GCAAGGUC C AUCCGUGC	11781	GCACGGAU CUGAUGAG GCCGUUAGGC CGAA IACCUUGC	30156
9065	1965	CAAGGUCC A UCCGUGCC	11782	GGCACGGA CUGAUGAG GCCGUUAGGC CGAA IGACCUUG	30157
9068	1962	GGUCCAUC C GUGCCAGU	11783	ACUGGCAC CUGAUGAG GCCGUUAGGC CGAA IAUGGACC	30158
9073	1957	AUCCGUGC C AGUGUACU	11784	AGUACACU CUGAUGAG GCCGUUAGGC CGAA ICACGGAU	30159
9074	1956	UCCGUGCC A GUGUACUG	11785	CAGUACAC CUGAUGAG GCCGUUAGGC CGAA IGCACGGA	30160
9081	1949	CAGUGUAC U GCAAUUCC	11786	GGAAUUGC CUGAUGAG GCCGUUAGGC CGAA IUACACUG	30161
9084	1946	UGUACUGC A AUUCCAAC	11787	GUUGGAAU CUGAUGAG GCCGUUAGGC CGAA ICAGUACA	30162
9089	1941	UGCAAUUC C AACACCAC	11788	GUGGUGUU CUGAUGAG GCCGUUAGGC CGAA IAAUUGCA	30163
9090	1940	GCAAUUCC A ACACCACA	11789	UGUGGUGU CUGAUGAG GCCGUUAGGC CGAA IGAAUUGC	30164
		<del></del>		CACUGUGG CUGAUGAG GCCGUUAGGC CGAA IUUGGAAU	
9093	1937	AUUCCAAC A CCACAGUG	11790		30165
9095	1935	UCCAACAC C ACAGUGCC	11791	GGCACUGU CUGAUGAG GCCGUUAGGC CGAA IUGUUGGA	30166
9096	1934	CCAACACC A CAGUGCCG	11792	CGGCACUG CUGAUGAG GCCGUUAGGC CGAA IGUGUUGG	30167
9098	1932	AACACCAC A GUGCCGUG	11793	CACGGCAC CUGAUGAG GCCGUUAGGC CGAA IUGGUGUU	30168
9103	1927	CACAGUGC C GUGACCUG	11794	CAGGUCAC CUGAUGAG GCCGUUAGGC CGAA ICACUGUG	30169
9109	1921	GCCGUGAC C UGUGUCUG	11795	CAGACACA CUGAUGAG GCCGUUAGGC CGAA IUCACGGC	30170
9110	1920	CCGUGACC U GUGUCUGC	11796	GCAGACAC CUGAUGAG GCCGUUAGGC CGAA IGUCACGG	30171
9116	1914	CCUGUGUC U GCGGGAGU	11797	ACUCCCGC CUGAUGAG GCCGUUAGGC CGAA IACACAGG	30172
9126	1904	CGGGAGUC C CAAGAAAC	11798	GUUUCUUG CUGAUGAG GCCGUUAGGC CGAA IACUCCCG	30173
9127	1903	GGGAGUCC C AAGAAACU	11799	AGUUUCUU CUGAUGAG GCCGUUAGGC CGAA IGACUCCC	30174
9128	1902	GGAGUCCC A AGAAACUU	11800	AAGUUUCU CUGAUGAG GCCGUUAGGC CGAA IGGACUCC	30175
9135	1895	CAAGAAAC U UGAAAGCC	11801	GGCUUUCA CUGAUGAG GCCGUUAGGC CGAA IUUUCUUG	30176
		<del></del>		UGUUCAAA CUGAUGAG GCCGUUAGGC CGAA ICUUUCAA	
9143	1887	UUGAAAGC C UUUGAACA	11802		30177
9144	1886	UGAAAGCC U UUGAACAG	11803	CUGUUCAA CUGAUGAG GCCGUUAGGC CGAA IGCUUUCA	30178
9151	1879	CUUUGAAC A GACGCCAU	11804	AUGGCGUC CUGAUGAG GCCGUUAGGC CGAA IUUCAAAG	30179
9157	1873	ACAGACGC C AUAGGUUG	11805	CAACCUAU CUGAUGAG GCCGUUAGGC CGAA ICGUCUGU	30180
9158	1872	CAGACGCC A UAGGUUGU	11806	ACAACCUA CUGAUGAG GCCGUUAGGC CGAA IGCGUCUG	30181
9169	1861	GGUUGUUC C CUUCAACU	11807	AGUUGAAG CUGAUGAG GCCGUUAGGC CGAA IAACAACC	30182
9170	1860	GUUGUUCC C UUCAACUG	11808	CAGUUGAA CUGAUGAG GCCGUUAGGC CGAA IGAACAAC	30183
9171	1859	UUGUUCCC U UCAACUGC	11809	GCAGUUGA CUGAUGAG GCCGUUAGGC CGAA IGGAACAA	30184
9174	1856	UUCCCUUC A ACUGCAAU	11810	AUUGCAGU CUGAUGAG GCCGUUAGGC CGAA IAAGGGAA	30185
9177	1853	CCUUCAAC U GCAAUUUU	11811	AAAAUUGC CUGAUGAG GCCGUUAGGC CGAA IUUGAAGG	30186
9180	1850	UCAACUGC A AUUUUUCC	11812	GGAAAAU CUGAUGAG GCCGUUAGGC CGAA ICAGUUGA	30187
	<del></del>	<del></del>	<del></del>		-
9188	1842	AAUUUUUC C AUCUUCAC	11813	GUGAAGAU CUGAUGAG GCCGUUAGGC CGAA IAAAAAUU	30188
9189	1841	AUUUUUCC A UCUUCACU	11814	AGUGAAGA CUGAUGAG GCCGUUAGGC CGAA IGAAAAAU	30189
9192	1838	UUUCCAUC U UCACUCUA	11815	UAGAGUGA CUGAUGAG GCCGUUAGGC CGAA IAUGGAAA	30190
9195	1835	CCAUCUUC A CUCUACAC	11816	GUGUAGAG CUGAUGAG GCCGUUAGGC CGAA IAAGAUGG	30191
9197	1833	AUCUUCAC U CUACACUU	11817	AAGUGUAG CUGAUGAG GCCGUUAGGC CGAA IUGAAGAU	30192
9199	1831	CUUCACUC U ACACUUCA	11818	UGAAGUGU CUGAUGAG GCCGUUAGGC CGAA IAGUGAAG	30193
9202	1828	CACUCUAC A CUUCAAAU	11819	AUUUGAAG CUGAUGAG GCCGUUAGGC CGAA IUAGAGUG	30194
9204	1826	CUCUACAC U UCAAAUGA	11820	UCAUUUGA CUGAUGAG GCCGUUAGGC CGAA IUGUAGAG	30195
9207	1823	UACACUUC A AAUGACCC	11821	GGGUCAUU CUGAUGAG GCCGUUAGGC CGAA IAAGUGUA	30196
9214	1816	CAAAUGAC C CGACGUCA	11822	UGACGUCG CUGAUGAG GCCGUUAGGC CGAA IUCAUUUG	30197
9215	1815	AAAUGACC C GACGUCAA	11823	UUGACGUC CUGAUGAG GCCGUUAGGC CGAA IGUCAUUU	
9222	1808	CCGACGUC A ACUUGACA			30198
3000	1 2000	TOURCOUGH A REGUGACA	11824	UGUCAAGU CUGAUGAG GCCGUUAGGC CGAA IACGUCGG	30199

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				Table IX	
9225	1805	ACGUCAAC U UGACAGUG	11825	CACUGUCA CUGAUGAG GCCGUUAGGC CGAA IUUGACGU 30	0200
9230	1800	AACUUGAC A GUGUUGCU	11826	AGCAACAC CUGAUGAG GCCGUUAGGC CGAA IUCAAGUU 30	0201
9238	1792	AGUGUUGC U UGAAAAUU	11827		0202
9248	1782	GAAAAUUC C ACAGGAAU	11828		0203
9249	1781	AAAAUUCC A CAGGAAUG	11829	<u> </u>	0204
9251	1779	AAUUCCAC A GGAAUGGC	11830		0205
9260	1770	GGAAUGGC U CCAGCCAA	11831		0206
9262	1768	AAUGGCUC C AGCCAAAG	11832		0207
9263	1767	AUGGCUCC A GCCAAAGC	11833	<u> </u>	0208
9266	1764	GCUCCAGC C AAAGCUUG	11834		0209
9267	1763	CUCCAGCC A AAGCUUGA	11835		0210
9272	1758	GCCAAAGC U UGAUGCAG	11836		0211
9279	1751	CUUGAUGC A GAGCUCCC	11837		0212
9284	1746	UGCAGAGC U CCCUCUUG	11838		0213
9286	1744	CAGAGCUC C CUCUUGUG	11839		0214
9287	1743	AGAGCUCC C UCUUGUGA	11840		0215
9288	1742	GAGCUCCC U CUUGUGAG	11841		0216
9290	1740	GCUCCCUC U UGUGAGCC	11842		0217
9298	1732	UUGUGAGC C CAAUGCUA	11843		0218
9299	1731	UGUGAGCC C AAUGCUAU	11844		0219
9300	1730	GUGAGCCC A AUGCUAUC	11845		0220
9305	1725	CCCAAUGC U AUCACAGA	11846		0221
9309	1721	AUGCUAUC A CAGACUGC	11847		0222
9311	1719	GCUAUCAC A GACUGCUU	11848		0223
9315	1715	UCACAGAC U GCUUCGUG	11849		0224
9318	1712	CAGACUGC U UCGUGGCG	11850		0225
9335	1695	UGUGGUUC C UCAAACUC	11851		0226
9336	1694	GUGGUUCC U CAAACUCC	11852		0227
9338	1692	GGUUCCUC A AACUCCAU	11853		0228
9342	1688	CCUCAAAC U CCAUUAAC	11854		0229
9344	1686	UCAAACUC C AUUAACGU	11855		0230
9345	1685	CAAACUCC A UUAACGUC	11856		0231
9354	1676	UUAACGUC U CUCUGUUC	11857		0232
9356	1674	AACGUCUC U CUGUUCCU	11858		0233
9358	1672	CGUCUCUC U GUUCCUCC	11859		0234
9363	1667	CUCUGUUC C UCCACACA	11860		0235
9364	1666	UCUGUUCC U CCACACAG	11861		0236
9366	1664	UGUUCCUC C ACACAGUA	11862		0237
9367	1663	GUUCCUCC A CACAGUAC	11863		0238
9369	1661	UCCUCCAC A CAGUACUU	11864		0239
9371	1659	CUCCACAC A GUACUUCC	11865		0240
9376	1654	CACAGUAC U UCCAGCAC			0241
9379	1651	AGUACUUC C AGCACUGC			0242
9380	1650	GUACUUCC A GCACUGCU	11868		0243
9383	1647	CUUCCAGC A CUGCUCCA	11869		0244
9385	1645	UCCAGCAC U GCUCCAAG	11870		0245
9388	1642	AGCACUGC U CCAAGGGA	11871		0246
9390	1640	CACUGCUC C AAGGGAGG	11872		0247
9391	1639	ACUGCUCC A AGGGAGGU	11873		0248
9407	1623	UUGAGGUC C AUGAACCA	11874		0249
9408	1622	UGAGGUCC A UGAACCAC	<del> </del>		0250
9414	1616	CCAUGAAC C ACUCACGA	11876		0251
9415	1615	CAUGAACC A CUCACGAU	11877		0252
9417	1613	UGAACCAC U CACGAUGG	11878		0253
9419	1611	AACCACUC A CGAUGGAC			0254
9428	1602	CGAUGGAC C AAGAACGU	11880		0255
9429	1601	GAUGGACC A AGAACGUC	11881		0256
9438	1592	AGAACGUC U UUGUUCCA	11882		0257
9445	1585	CUUUGUUC C AACAGUCA	11883		0257
9446	1584	UUUGUUCC A ACAGUCAU	11884		0259
9449	1581	GUUCCAAC A GUCAUCAC	11885		
		TOOLETT IN GOOTBURG	1 22003	COUNTRY COUNTRY GCCGOURGGC CGRA TOUGGAAC 30	0260

	Table I

1945   1574	9453	1577	CAACAGUC A UCACGUAG	11886	CUACGUGA CUGAUGAG GCCGUUAGGC CGAA IACUGUUG	30261
1967   1963   UBAGININC A UTIGENINC   1888   GRANCEDA CINATION (CONTROLLAR)   19264   1946   UTIGENING C. AUCCICCIA   1885   UCROBARIO CONTROLLAR)   19264   1946   1946   UTIGENING C. CHARCONI C. 1885   URBANICA C. CHARCONI C. CHARCONI C. 1885   URBANICA C. CHARCONI C. CHARCONI C. 1885   URBANICA C. CHARCONI C. 1885   UCROBALIC C. CHARCONI C. 1885   UCROBALIC C. CHARCONI C.						
1594   1595   UDIOGRADIC C GUARCECT   1396   ACCURE COMBANISMA (COMBURGE) COMA LARCECAN   30264   1596   UDIOGRADIC C GUARCECT   1396   ACCURE COMBANISMA (COMBURGE) COMA LARCECAN   30265   1591   1549   UDIOGRADIC C GUARCECT   1392   CARCECAN COMBURGE COMBURGE (COMA LARCECAN   30265   1591   1548   UDIOGRADIC C GUARCECT   1392   UDIOGRADIC C GUARCECT   1548   UDIOGRADIC C GUARCECT   1392   UDIOGRADIC C GUARCECT   1548   UDIOGRADIC C COMBURGE   C						
1850   USICIANIC C CUBACCOST   1891   ACGSUEDA CUBATIGNS COSTALAROS CORA TRAUTIGNA   30265   9481   1548   UCCADUCC U GRACCOSTS   1891   CASCSUEC CUBATIGNS (COSTULAGOS CARA TRAUTIGNA   30265   9482   1548   UCCADUCC U GRACCOSTS   1893   CORRECTOR CUBATIGNS (COSTULAGOS CARA TRAUTICNA   30265   9484   1546   UCCADUCC U GRACCOSTS   1894   GUBACCOR CUBATIGNS (COSTULAGOS CORA TRACACA   30285   9494   1536   CODIGIOUS A CAGUECA   1894   GUBACCOR CUBATIGNS (COSTULAGOS CORA TRACACA   30287   9590   1534   UCCADUCCA C RECUCCOR   1895   GUBACCOR CUBATIGNS (COSTULAGOS CORA TRACACA   30277   9590   1529   CALAGOSTO C GUBACCOR   1895   GUBACCOR CUBATIGNS (COSTULAGOS CORA TRACACA   30277   9591   1529   CALAGOSTO C GUBACCOR   1896   GUBACCOR CUBATIGNS (COSTULAGOS CORA TRACACA   30277   9593   1527   CALOGUECA & CUBACCOC   1897   GUBACACA CUBATIGNS (COSTULAGOS CORA TRACACA   30277   9590   1523   CALCUSTO C GUBACCOC   1898   GUBACACA CUBATIGNS (COSTULAGOS CORA TRACACA   30277   9590   1523   CALCUSTO C GUBACCOC   1898   GUBACACA CUBATIGNS (COSTULAGOS CORA TRACACA   30277   9590   1523   CALCUSTO C CUCCATUR   1990   GUBACAGA CUBATIGNS (COSTULAGOS CORA TRACACA   30277   9591   1520   CUBACCOC   CUCCATUR   1990   GUBACAGA CUBATIGNS (COSTULAGOS CORA TRACACA   30277   9591   1520   CUBACCOC   CUCCATUR   1990   GUBACAGA CUBATIGNS (COSTULAGOS CORA TRACACA   30277   9591   1520   CUBACCOC   CUCCATUR   1990   GUBACAGA CUBATIGNS (COSTULAGOS CORA TRACACA   30277   9591   1520   CUBACCOC   CUCCATUR   1990   GUBACAGA CUBATIGNS (COSTULAGOS CORA TRACACA   30277   9592   1520   CUBACCOC   CUCCATUR   1990   GUBACAGA   CUBATIGNS   COSTULAGOS CORA TRACACA   30277   9592   1520   CUBACCOC   CUCCATUR   1990   GUBACAGA   CUBATIGNS   COSTULAGOS CORA TRACACA   30277   9592   1520   CUBACACC   CUBACCA   1990   GUBACA   CUBATIGNS   COSTULAGOS   CORA TRACACA   30278   9593   1520   CUBACACC   CUBACAGA   1990   CUBACACA   CUBATIGNS   COSTULAGOS   CORA TRACACA   30278   9594   1462   CUBACACCO   CUBACAGA   1990   CUBACACA   CUBATIGNS   COSTULAGOS   COR						
1549						
1545   1546						
1544   1556						
1596   1536						
				-		
1530						
1529						
1527						
1523	-					
9510   1520	$\overline{}$					
9515 1515 ACCUCUCC A UNAUTUCUC 11903 GAGARAINA CUGAUGAG GCGUUAGGC GAA IAGAGGUG 30279 9512 1509 CCAUAUUC U CCAAGGUU 11905 AAGCUUUG CUGAUGAG GCGUUAGGC GAA IAGAGGUU 30279 9523 1507 AUAUUCUC C AAGCUUUA 11906 UAAAGCUU CUGAUGAG GCGUUAGGC GAA IAGAAGGU 30280 9523 1506 UAUUCUCC A AGCUUUA 11906 UAAAGCUU CUGAUGAG GCGUUAGGC GAA IAGAAGGU 30280 9524 1506 UAUUCUCC A AGCUUUA 11907 CUAAAGCU CUGAUGAG GCGUUAGGC GAA IAGAAGUA 30282 9528 1502 CUCCAAGC U UUAGUGUG 11908 ACACCUA CUGAUGAG GCGUUAGGC GAA IAGAAGUA 30282 9528 1502 CUCCAAGC U UUAGUGUG 11908 ACUCCUCC CUGAUGAG GCGUUAGGC GAA IAGAAGAA 30282 9528 1462 GAGGCGC C GCAGGAGU 11909 ACUCCUCC CUGAUGAG GCGUUAGGC GAA ICGCCUUC 30284 9529 1468 AUGAUGCC C GAAUCUCC 11911 GGAGAGUC CUGAUGAG GCGUUAGGC GAA ICGCCUCC 30285 9520 1468 AUGAUGC C CUGCCUGA 11913 GGAGAGU CUGAUGAG GCGUUAGGC GAA ICGCCUCC 30285 9570 1460 UGAAUCUC C CUGCCUGA 11913 UCAGGCAG CUGAUGAG GCGUUAGGC GAA ICAUCACU 30286 9571 1459 GAAUCUCC C UGCCUGA 11913 UCAGGCAG CUGAUGAG GCGUUAGGC GAA IAUUCAC 30287 9572 1458 AAUCUCCC C UGCCUGA 11913 UCAGGCAG CUGAUGAG GCGUUAGGC GAA IAUUCAC 30289 9575 1458 AAUCUCCC C UGAGUGG 11916 CUCAGGCA CUGAUGAG GCGUUAGGC GAA IAUCAC 30289 9576 1454 UCCCUGCC C UGAGUGGC 11916 ACCACGUC CUGAUGAG GCCGUUAGGC GAA IAGAGUUC 30289 9577 1458 AAUCUCCC U GAGUGGC U 11916 ACCACGUC CUGAUGAG GCCGUUAGGC GAA IAGAGUUC 30289 9586 1444 UCCUGGCC U GAGUGGC U 11916 ACCACGUC CUGAUGAG GCCGUUAGGC GAA IAGAGUUC 30289 9586 1444 UCCUGACC U GAGUGGC U 11916 ACCACGUC CUGAUGAG GCCGUUAGGC GAA IAGAGUAC 30299 9586 1444 GUGAGCC C AACCUGUG 11916 ACCACGUC CUGAUGAG GCCGUUAGGC GAA IAGAGGAGA 30291 9586 1444 AGUGGCU C AACCUGUG 11916 ACCACGUC CUGAUGAG GCCGUUAGGC GAA IAGAGGAGA 30292 9586 1444 AGUGGCC C AACCUGGU 11918 ACCACGUC CUGAUGAG GCCGUUAGGC GAA IAGAGGAG 30299 9586 1440 CUCAACC U GUGUGGA 11922 ACCACGUC CUGAUGAG GCCGUUAGGC GAA IAGAGCAC 30299 9586 1440 AGUGGCC C AACCUGGU 1192 ACCACGUC CUGAUGAG GCCGUUAGGC GAA IAGAGCAC 30299 9586 1440 AGUGGCC C AACCUGGU 1192 ACCACGUC CUGAUGAG GCCGUUAGGC GAA IAGAGCAC 30299 9586 1440 AGUGGCC C AACCUGGU 1192 ACCACGUC CUGAUGAG GCCGUUA						
9512 1515 ACCUCUCC A UAUUCUCC 11904 GGAGABUA CUGAUUGA GCCGUUAGGC CGAA IAANAGGU 30279 9523 1507 AUAUUCUC C AAGCUUUA 11906 UAAAGCUU CUGAUGAG GCCGUUAGGC CGAA IAANAGGU 30280 9524 1506 UAUUCUCC C AAGCUUUA 11907 CUAAAGCU CUGAUGAG GCCGUUAGGC CGAA IAGAUAU 30281 9524 1506 UAUUCUCC A AGCUUUAG 11907 CUAAAGCU CUGAUGAG GCCGUUAGGC CGAA IAGAUAU 30281 9528 1502 CUCCAAGC U UAUGUUGU 11909 CACACUAA CUGAUGAG GCCGUUAGGC CGAA IAGAUAU 30282 9528 1482 GAAGGGC C GCAGGAGU 11919 ACCCCUCGC CUGAUGAG GCCGUUAGGC CGAA IAGAUAU 30282 9528 1482 GAAGGCC C GCAGGAGU 11919 ACCCCUCGC CUGAUGAG GCCGUUAGGC CGAA IAGAUAU 30282 9551 1479 GGGCCCG A GGAGUGU 11911 GGAGAUUC CUGAUGAG GCCGUUAGGC CGAA IAGACGCC 30284 9552 1468 AGGAUGAC C GCCCCCCC 11912 AGGACGUC CUGAUGAG GCCGUUAGGC CGAA ICCCCCUC 30284 9556 1462 GCUGAAUC C CCCCCCCC 11912 AGGACGUC CUGAUGAG GCCGUUAGGC CGAA IACUCAGC 30287 9570 1460 UGAAUCUC C CUGCCUGA 11911 ACCCAGCG CUGAUGAG GCCGUUAGGC CGAA IAGAUCAC 30287 9571 1459 GAAUCUCC C UGCCUGA 11911 CUCAGGCA CUGAUGAG GCCGUUAGGC CGAA IAGAUCAC 30287 9572 1458 AUCUCCC C UGCCUGAG 11915 ACCCAGC CUGAUGAG GCCGUUAGGC CGAA IAGAUCAC 30287 9575 1455 CUCCCUGC C UGAUGAGC 11915 ACCCAGC CUGAUGAG GCCGUUAGGC CGAA IAGAUUC 30289 9576 1444 AUCUCCC C UGCCUGAG 11917 ACCCACUC CUGAUGAG GCCGUUAGGC CGAA IAGAUUC 30289 9577 1445 CUCCAGCC C UGAUGAGC 11917 ACCCACUC CUGAUGAG GCCGUUAGGC CGAA IAGAUUC 30294 9586 1444 AGUGCCC C AACCUGU 11919 ACCCACUC CUGAUGAG GCCGUUAGGC CGAA IAGAGUA 30291 9586 1444 AGUGCCC C AACCUGU 11917 ACCCACUC CUGAUGAG GCCGUUAGGC CGAA IAGCCACU 30294 9587 1443 GUGCCCC A ACCUGUGU 11920 ACCACAGU CUGAUGAG GCCGUUAGGC CGAA IAGCCACU 30294 9589 1444 AGUGCCC C AACCUGU 11919 ACCACACU CUGAUGAG GCCGUUAGGC CGAA IAGCCACU 30294 9580 1444 AGUGCCC C AACCUGUGA 11917 ACCACACU CUGAUGAG GCCGUUAGGC CGAA IAGCCACU 30294 9581 1449 GUGCCCC A ACCUGUGU 11920 ACCACAGU CUGAUGAG GCCGUUAGGC CGAA IAGCCACU 30294 9581 1441 GUGCCCC C AACCUGUGA 11924 ACCACACU CUGAUGAG GCCGUUAGGC CGAA IAGCCACU 30294 9581 1440 GCCCCACC C AGCUGAGA 11924 ACCACACU CUGAUGAG GCCGUUAGGC CGAA IAGCCACU 30294 9581 1441 GUGCCCC A GUGCACU 11	$\overline{}$					<del></del>
9521   1509   CCAURIUC U CCARGCUU   11905   AAGCUUGG CUGAUGAG CCGUUAGGC CGAA IAAUAUGG   30280   9523   1507   AUAUUCCU C AAGCUUUA   11906   UAAAGCUU CUGAUGAG CCGUUAGGC CGAA IAGAAUAU   30281   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   30282   3028						
9523         1507         AURUUCUC C A ARGUUUMA         11906         UARAGGUU CUGAUGAG         GCCGUURAGGC         COAR IGRARUM         30281           9524         1506         UURUCUCC A ARGUUUMG         11907         CUCARAGC U UURAGGC         GCACAUAA CUGAUGAG         GCCGUURAGGC         GGAR IGRARUM         30282           9548         1482         GARAGGGC C GCAGGAGU         11909         ACUCCUGC CUGAUGAG         GCCGUURAGGC         GGAR IGGACGC         30284           9551         1479         GGCCGCCGC         AGGAGGC C GARGGGAU         11919         AUCACUCC CUGAUGAG         GCCGUURAGGC         GGAR IGGACGC         30285           9562         1468         AGGARUCU C CUGCCUGA         11911         AGGAGGC CUGAUGAG         GCCGUURAGG         CGAR IGGACGC         30287           9570         1461         UGARUCU C CUGCCUGA         11913         UCAGGGA CUGAUGAG         GCCGUURAGG         CGAR IAGAUUC         2026A         14914         CUCAGGGA         CUGAUGAG         GCCGUURAGG         CGAR IAGAUUC         2026A         14914         CUCAGGGA         CUGAUGAG         GCCGUURAGG         CGAR IAGAUUC         2026A         14914         AUCCCUGC U GAGUGGGU         11915         ACUCAGGC         CUGAUGAG         GCCGUURAGG         CGAR IAGAGCAC         20294         20294						
9524   1506						
9528         1502         CUCCAAGC U UUAGUGUG         11908         CACACUAA CUGAUGAG         GCGUUAGGC CAA ICUUGGGG         30284           9548         1482         GAAGGCG C GCAGGAGU         11909         AUCUCUGC CUGAUGAG         GCGUUAGGC CAA ICGGCUUC         30284           9551         1479         GGGGGGG C GGAGGGUAU         11910         AUCACUCC CUGAUGAG         GCGGUUAGGC CAA ICAGUCCC         30285           9568         1462         GCUGAAUC U CCUCCCUA         11911         GGGAGGU CUGAUGAG         GCCGUUAGGC CAA IAGAUCUC         30286           9570         1460         UGAAUCUC C CUGCCUGA         11913         UCAGGCA CUGAUGAG         GCCGUUAGGC CAA IAGAUUCC         30289           9571         1459         AAUCUCCC U GGCUGAGU         11914         CUCAGGCA CUGAUGAG         GCCGUUAGGC CAA IAGAUUC         30289           9575         1458         AAUCUCCC U GGCUGAGU         11915         ACUCAGGC CUGAUGAG         GCCGUUAGGC         CGAA IGGAGUU         30299           9576         1454         AAUCUCCC U GAGUGGCU         11916         GCCACUCA CUGAUGAG         GCCGUUAGGC         CGAA IGGAGGU         30299           9577         1458         AAUCUCCC U GAGUGGC         11918         CAGGUUGAG         GCCGUUAGGC         CGAA ICACCCCA         30291						
9548 1482 GAAGGGC C GCAGAGAU 11909 ACUCCUGC CUGAUGAG GCCGULAGGC CGAA ICGCCUC 30284 9551 1479 GGCGCCGC A GAGAUGAU 11910 AUCACUCC CUGAUGAG GCCGULAGGC CGAA ICAGCGCC 30285 9562 1468 AGUGAUC U CCCUGCCU 11911 GAGAGUUC CUGAUGAG GCCGULAGGC CGAA ICACCCU 30286 9563 1462 GCUGAAUC U CCCUGACCU 11912 AGGCAGG CUGAUGAG GCCGULAGGC CGAA ICACCCU 30286 9570 1460 UGAAUCUC C CUGCCUGA 11913 UCAGGCAG CUGAUGAG GCCGULAGGC CGAA ICACCCU 30287 9570 1460 UGAAUCUC C CUGCCUGA 11914 CUCAGGCA CUGAUGAG GCCGULAGGC CGAA ICACCAG 30287 9571 1459 GAAUCUCC C UGCCUGAG 11914 CUCAGGCA CUGAUGAG GCCGULAGGC CGAA IAGAULUC 30288 9572 1458 AAUCUCCC U GCCUGAGU 11915 ACUCAGGC CUGAUGAG GCCGULAGGC CGAA ICAGAGUU 30289 9575 1455 CUCCCUGC C UGAGUGGC 11916 GCCACUCA CUGAUGAG GCCGULAGGC CGAA ICAGGGAG 30291 9576 1454 UCCCUGCC U GAGUGGCU 11917 AGCCACUC CUGAUGAG GCCGULAGGC CGAA ICAGGGAG 30291 9586 1444 AGGGGCCU C CAACCUG 11918 CAGGCUGG CUGAUGAG GCCGULAGGC CGAA ICAGGGAG 30292 9586 1444 AGGGGCCU C CAACCUG 11919 CACAGGGU UGAUGAG GCCGULAGGC CGAA ICAGGGA 30293 9586 1444 AGGGGCUC C AACCUGGU 11919 CACAGGGU UGAUGAG GCCGULAGGC CGAA ICACCCCU 30294 9587 1443 GUGCCUCA ACCUGGU 11920 ACACAGGU CUGAUGAG GCCGULAGGC CGAA ICACCCCU 30294 9588 1444 AGGGACCC C GUGUGGAG 11921 CACACAC UGAUGAG GCCGULAGGC CGAA ICACCCCU 30294 9589 1440 GCUCCAAC C UGUGUGGA 11922 CUCCACAC CUGAUGAG GCCGULAGGC CGAA ICACCCCU 30295 9590 1440 GCUCCAAC C UGUGUGGA 11922 CUCCACAC CUGAUGAG GCCGULAGGC CGAA IGAGCCC 30295 9607 1423 GUAGUUC C ACAGUGU 11922 CUCCACAC CUGAUGAG GCCGULAGGC CGAA IGAGCCC 30296 9615 1415 CGUGCGAC U CCACAGUG 11922 CUCCACAC CUGAUGAG GCCGULAGGC CGAA IUGGAG 30297 9607 1423 GUAGUUC C ACAGUGAU 11924 CACACAC CUGAUGAG GCCGULAGGC CGAA IGAGCCAC 30298 9615 1415 CGUGCGAC U CACAGUG 11922 CUCCACAC CUGAUGAG GCCGULAGGC CGAA IUGGAG 30297 9617 1413 UGCGACC C AGGUAGU 11925 ACUACUGU CUGAUGAG GCCGULAGGC CGAA IUGCAC 30390 9618 1410 GACUCCA C AGGUAGU 11926 CCAACCGG CUGAUGAGC CGAA IUGCAGC 30390 9619 1410 GACUCCAC A GUAGUGA 11926 CCAACGGAG CUGAUGAGC CGAA IAGACCAC 30390 9610 1410 GACUCCAC A GUAGUAG 11926 CCAACGGG CCGULAGGC CGAA IA	ļ	1506	UAUUCUCC A AGCUUUAG			
9551 1479 GGCGCGC A GGAGUGAU 11910 AUCACUCC CUGAUGAG GCCGULAGGC CGAA ICAGCGCC 30285 9562 1468 AGUGAUGC U GAALCUCC 11911 GGAGADUU CUGAUGAG GCCGULAGGC CGAA ICAGCACU 30286 9568 1462 GGUGAALC U CCCUGCCU 11912 AGGCAGGG CUGAUGAG GCCGULAGGC CGAA ICAUCACU 30286 9570 1460 UGAAUCUC C CUGCCUGA 11913 UCAGGCAG CUGAUGAG GCCGULAGGC CGAA ICAUCACU 30287 9571 1459 GAAUCUCC C UGCCUGA 11914 UCAGGCA CUGAUGAG GCCGULAGGC CGAA ICAUCACU 30288 9571 1458 AAUCUCC C UGCCUGA 11915 ACUCAGGC CUGAUGAG GCCGULAGGC CGAA ICAGAUU 30289 9572 1458 AAUCUCC C UGAUGAGU 11915 ACUCAGGC CUGAUGAG GCCGULAGGC CGAA ICAGAUU 30289 9575 1455 CUCCCUGC C UGAUGAGU 11915 ACUCAGGC CUGAUGAG GCCGULAGGC CGAA ICAGAUU 30299 9576 1454 UCCCUGAC U GAUGAGCU 11916 GCCACUCA CUGAUGAG GCCGULAGGC CGAA ICAGAGUU 30299 9584 1444 UCCUGACC U GAUGAGCU 11917 AGCCACUC CUGAUGAG GCCGULAGGC CGAA ICACGGAG 30291 9586 1444 AGUGGCUC C AACCUGUG 11918 CAGAGGU CUGAUGAG GCCGULAGGC CGAA ICACGGAG 30293 9586 1444 AGUGGCUC C AACCUGUG 11919 CACAGGGU CUGAUGAG GCCGULAGGC CGAA ICACGCCU 30293 9587 1443 GUGGCUC C AACCUGUG 11919 CACAGGGU CUGAUGAG GCCGULAGGC CGAA ICACGCCU 30293 9589 1440 GCUCCAACC U GUGUGGA 11921 UCCACACA CUGAUGAG GCCGULAGGC CGAA ICACGCCU 30294 9591 1443 GUGGCUC C ACCUGUGA 11921 UCCACACA CUGAUGAG GCCGULAGGC CGAA ICACGCCU 30295 9590 1440 GCUCCAACC U GUGUGGA 11921 UCCACACA CUGAUGAG GCCGULAGGC CGAA IUGAGGAG 30296 9607 1423 GUAGUUC C GUGCGACU 11923 AGUCGCAC CUGAUGAG GCCGULAGGC CGAA IUGAGGA 30296 9618 1415 CGUGCGAC U CCACAGUA 11924 UACUGUGG CUGAUGAG GCCGULAGGC CGAA ILAGCCAC 30299 9615 1416 GACCCCAC C AGUAGUU 11925 ACUACUGU CUGAUGAG GCCGULAGGC CGAA ILAGCCAC 303099 9616 1410 GACCCAC A GUAGUAGG 11924 UACUGUGG CUGAUGAG GCCGULAGGC CGAA ILAGCCAC 303090 9617 1413 UGCGACU C ACAGUGAU 11925 ACUACUGU CUGAUGAG GCCGULAGGC CGAA ILAGCCAC 303090 9618 1399 AGUUGGUC C ACAGUAGU 11926 ACUACUGU CUGAUGAG GCCGULAGGC CGAA ILAGCCAC 303090 9619 AGUGCAC C AGUAGUUG 11926 ACUACUGU CUGAUGAG GCCGULAGGC CGAA ILAGCCAC 303090 9620 1410 GACCCAC A GUGACAA 11928 UUGUCCA CUGAUGAG GCCGULAGGC CGAA ILAGCAC 303090 9631 1399 AGUUGGUC C AUGAGC	9528	1502	CUCCAAGC U UUAGUGUG	11908	CACACUAA CUGAUGAG GCCGUUAGGC CGAA ICUUGGAG	30283
9562   1468	9548	1482	GAAGGCGC C GCAGGAGU	11909	ACUCCUGC CUGAUGAG GCCGUUAGGC CGAA ICGCCUUC	30284
9568   1462   GCUGAAUC U CCCUGCCU   11912   AGGCAGGG CUGAUGAG   GCCGUUAGGC CGAA IAUUCAGC   30287   9570   1460   UGAAUCUC C CUGCCUGA   11913   UCAGGGCA CUGAUGAG GCCGUUAGGC CGAA IAGAUUCA   30288   9571   1459   GAAUCUC C UGCCUGAG   11914   CUCAGGCA CUGAUGAG GCCGUUAGGC CGAA IAGAUUCA   30288   9572   1458   AAUCUCCC U GCCUGAGU   11915   ACUCAGGC CUGAUGAG GCCGUUAGGC CGAA IAGAUUC   30289   9575   1455   CUCCCUGC C UGAGUGGC   11916   GCCACUCA CUGAUGAG GCCGUUAGGC CGAA IAGAUUC   30299   9575   1454   UCCCUGCC U GAGUGGC   11917   AGCCACUC CUGAUGAG GCCGUUAGGC CGAA ICAGGGGA   30291   9576   1454   UCCCUGCC U GAGUGGCU   11918   CAGGCUC CUGAUGAG GCCGUUAGGC CGAA ICAGGGGA   30292   9584   1446   UGAGUGGC   CAACCUG   11918   CAGGGUC CUGAUGAG GCCGUUAGGC CGAA ICCACUCA   30293   9586   1444   AGUGGCUC   CAACCUG   11919   CACAGGU   CUGAUGAG GCCGUUAGGC CGAA ICCACUCA   30293   9587   1443   GUGGCUC   ACCUGUGU   11920   CACAGGU   CUGAUGAG GCCGUUAGGC CGAA IAGCCAC   30295   9591   1440   GCUCCAAC   UGUUGGA   11920   CACAGGU   UGAUGAG GCCGUUAGGC CGAA IAGCCAC   30295   9591   1440   GCUCCAAC   UGUUGGA   11921   UCCACAC   CUGAUGAG   GCCGUUAGGC CGAA IUUGGAG   30296   9591   1440   GUCCAAC   UGUUGGA   11921   UCCACAC   CUGAUGAG   GCCGUUAGGC CGAA IUUGGAG   30296   9591   1440   GUCCAACC   UGUUGGA   11921   UCCACAC   CUGAUGAG   GCCGUUAGGC   CGAA IUUGAGG   30297   9607   1423   GUAGCAC   UGUCGAC   11923   ACUCACAC   CUGAUGAG   GCCGUUAGGC   CGAA IUUGGAG   30297   9617   1413   UGCGACU   CACAGUAU   11924   UACUGUGG   CUGAUGAG   GCCGUUAGGC   CGAA IUUCGAC   30299   9618   1419   GCGACUC   CACAGUAU   11926   ACUACUG   UGAUGAG   GCCGUUAGGC   CGAA IUUCGAC   30301   9621   1398   GUUGGCAC   AUAGUGG   CAACAA   11926   ACUACUG   UGAUGAG   GCCGUUAGGC   CGAA IUCCACC   30301   9632   1398   GUUGGCC   CAGAGAU   11926   ACUACUG   UGAUGAG   GCCGUUAGGC   CGAA IUCCACC   30301   9632   1398   GUUGGCC   UGACAAA   11928   UUGUCCA   UGAUGAG   GCCGUUAGGC   CGAA IUCCACC   30306   9648   1398   AUAGUCC   UUCAGAG   11930   GCCAUUU   UUCAGAG   CCGUUAGGC   CGAA IUCCACC	9551	1479	GGCGCCGC A GGAGUGAU	11910	AUCACUCC CUGAUGAG GCCGUUAGGC CGAA ICGGCGCC	30285
9570 1460 UGAAUCUC C CUGCCUGA 11913 UCAGGCAG CUGAUGAG GCCGUUAGGC CGAA IAGADUCA 30288 9571 1455 GAAUCUCC C UGCCUGAGU 11914 CUCAGGCA CUGAUGAG GCCGUUAGGC CGAA IGAGAUUC 30289 9572 1458 AAUCUCCC U GCCUGAGU 11915 ACUCAGGC CUGAUGAG GCCGUUAGGC CGAA IGAGAUUC 30299 9575 1455 CUCCCUGC C UGAGUGGC 11916 GCCACUCA CUGAUGAG GCCGUUAGGC CGAA ICAGGGAG 30291 9576 1454 UCCCUGCC U GAGUGGCU 11917 AGCCACUC CUGAUGAG GCCGUUAGGC CGAA ICAGGGAG 30291 9576 1454 UCCCUGCC U GAGUGGCU 11917 AGCCACUC CUGAUGAG GCCGUUAGGC CGAA ICAGGGAG 30292 9584 1446 UGAGUGGC U CAACCUG 11918 CACAGGUG CUGAUGAG GCCGUUAGGC CGAA ICAGCGCA 30293 9585 1444 AGUGGCUC C AACCUGUG 11919 CACAGGGU CUGAUGAG GCCGUUAGGC CGAA ICACCUCA 30293 9586 1444 AGUGGCUC C AACCUGUG 11919 CACAGGUU CUGAUGAG GCCGUUAGGC CGAA IAGCCACU 30294 9587 1443 GUGCUCCA C ACCUGUGG 11920 ACACAGGU CUGAUGAG GCCGUUAGGC CGAA IAGCCACU 30295 9590 1440 GCUCCAAC C UGUGUGGA 11921 UCCACACA CUGAUGAG GCCGUUAGGC CGAA IUUGGAGC 30296 9591 1439 CUCCAACC U GUGUGGAG 11922 CUCCACAC CUGAUGAG GCCGUUAGGC CGAA IUUGGAGC 30296 9617 1423 GUAGUUUC C GUGCGACU 11923 AGUGGCAC CUGAUGAG GCCGUUAGGC CGAA IUUGGAGC 30299 9617 1413 UGCGACUC C ACAGUAGU 11923 AGUGCAC CUGAUGAG GCCGUUAGGC CGAA IUGCGACC 30299 9617 1413 UGCGACUC C ACAGUAGU 11925 ACUACUGU CUGAUGAG GCCGUUAGGC CGAA IAGACCAC 30300 9618 1412 GCGACUCC A CAGUAGUU 11926 AACUACUG CUGAUGAG GCCGUUAGGC CGAA IAGACCAC 30300 9619 1410 GACUCCAC A GUAGUGGU 11926 AACUACUG CUGAUGAG GCCGUUAGGC CGAA IAGACCAC 30300 9620 1410 GACUCCAC A GUAGUGGU 11926 AACUACUG CUGAUGAG GCCGUUAGGC CGAA IAGACCAC 30301 9631 1399 AGUUGGUC C NUGGACAA 11928 UUUGUCCA CUGAUGAG GCCGUUAGGC CGAA IAGACCAC 30301 9632 1398 GUUGGUC A UGGACAA 11928 UUUGUCCA CUGAUGAG GCCGUUAGGC CGAA IAGCCAACU 30303 9633 1399 AGUUGGUC C NUGGACAA 11928 UUUGUCCA CUGAUGAG GCCGUUAGGC CGAA IAGCCAACU 30303 9647 1338 AAANGGC A CUUCGUA 11931 UACGACAC CUGAUGAG GCCGUUAGGC CGAA IAGCCAAC 30304 9658 1398 AUGGCAC U UCCUACAC 11931 AAGUACA CUGAUGAG GCCGUUAGGC CGAA IAGCAAAU 30306 9666 1364 UGAUAUC U UUCCAAGAU 11934 GACACAC CUGAUGAG GCCGUUAGGC CGAA IAGCAAAU 30306 9666 1364 UG	9562	1468	AGUGAUGC U GAAUCUCC	11911	GGAGAUUC CUGAUGAG GCCGUUAGGC CGAA ICAUCACU	30286
9571   1459	9568	1462	GCUGAAUC U CCCUGCCU	11912	AGGCAGGG CUGAUGAG GCCGUUAGGC CGAA IAUUCAGC	30287
9572	9570	1460	UGAAUCUC C CUGCCUGA	11913	UCAGGCAG CUGAUGAG GCCGUUAGGC CGAA IAGAUUCA	30288
9575   1455	9571	1459	GAAUCUCC C UGCCUGAG	11914	CUCAGGCA CUGAUGAG GCCGUUAGGC CGAA IGAGAUUC	30289
9576         1454         UCCCUGCC U GAGUGGCU         11917         AGCCACUC CUGAUGAG         GCCGUUAGGC         CGAA IGCAGGA         30292           9584         1446         UGAGUGGC U CCAACCUG         11918         CAGGUUGG CUGAUGAG         GCCGUUAGGC         CGAA IACCACUCA         30293           9586         1444         AGUGGCUC C ACCUGUGU         11919         CACAGGUU         CUGAUGAG         GCCGUUAGGC         CGAA IAGCACU         30295           9587         1443         GUGGCAC C UGUGUGGA         11921         UCCACAC CUGAUGAG         GCCGUUAGGC         CGAA IGGCCAC         30295           9591         1440         GCUCCAAC C UGUGUGGA         11921         UCCACAC CUGAUGAG         GCCGUUAGGC         CGAA IGGCGAC         30295           9607         1423         GUGCGACU         11923         AGUCGCA CUGAUGAG         GCCGUUAGGC         CGAA IAACUAC         30299           9615         1415         CGGGCGCU         11923         AGUCGCA CUGAUGAG         GCCGUUAGGC         CGAA IAACUAC         30299           9617         1413         UGCGACUC C ACAGUAGU         11925         ACUACUG         CUGAUGAG         GCCGUUAGGC         CGAA IAGUCGC         30300           9618         1412         GCGACUCC A GUAGUUGG         11927 <td< td=""><td>9572</td><td>1458</td><td>AAUCUCCC U GCCUGAGU</td><td>11915</td><td>ACUCAGGC CUGAUGAG GCCGUUAGGC CGAA IGGAGAUU</td><td>30290</td></td<>	9572	1458	AAUCUCCC U GCCUGAGU	11915	ACUCAGGC CUGAUGAG GCCGUUAGGC CGAA IGGAGAUU	30290
9584         1446         UGAGUGGC         CCAACCUG         11918         CAGGUUG         CUGAUGG         CCGALUAGG         CAALUCUCA         30293           9586         1444         AGUGGCUC         CAACCUGUG         11919         CACAGGUU         CUGAUGAG         CCGUUAGGC         CGAA         IAGCCACU         30294           9587         1443         GUGGCCC         ACCUGUGG         11920         ACACAGGU         CUGAUGGC         CGAA         IAGCCACU         30295           9590         1440         GCUCCAAC         U GUGUGGA         11921         UCCACAC         CUGAUGG         CGAA         ITUGGAGC         30295           9591         1439         CUCCACC         U GUGUGGA         11922         CUCCACAC         CUGAUGG         CGAA         ITUGGAGC         30297           9617         1423         GUAGUUC         C GUGCGACU         11924         UACUGUGG         CUGAUGAG         CGAA         IAGUCGAC         30299           9617         1413         UGCGACUC         A CAGUAGU         11925         ACUACUG         CUGAUGAG         GCAA         IAGUCGCA         30300           9618         1412         GCGACUCC         A CAGUAGU         11926         AACUACU         CUGAUGAG	9575	1455	CUCCCUGC C UGAGUGGC	11916	GCCACUCA CUGAUGAG GCCGUUAGGC CGAA ICAGGGAG	30291
9586         1444         AGUGGCUC         C AACCUGUG         11919         CACAGGUU         CUGAUGAG         CCGAL IAGCCACU         30294           9587         1443         GUGGCUCC         A ACCUGUGU         11920         ACACAGGU         CUGAUGAG         CGAA         IAGACCAC         30295           9590         1443         GUCCAACC         CUGUGUGGA         11921         UCCACACA         CUGAUGAG         CGAA         IUUGGAG         30295           9591         1439         CUCCAACC         U GUGUGGA         11922         CUCCACAC         CUGAUGAG         CGAA         IUUGGAG         30297           9607         1423         GUGGCACU         CCACAGUA         11924         UACUGUGG         CUGAUGAG         CGAA         IUUGAGA         30299           9615         1415         CGUGCGAC         CCACAGUAU         11925         ACUACUG         CUGAUGAG         CGAA         IUGCCAC         ACAUACUG         CUGAUGAG         GCCGUUAGC         CGAA         1040CAC         ACAUACUG         CUGAUGAG         CGAA         IUGGCAC         30302           9631         1399         AGUUGGUC         A UGGACAA         11928         UUGUCCAU         CUGAUGAG         CGAA         IAGCAACU         30303      <	9576	1454	UCCCUGCC U GAGUGGCU	11917	AGCCACUC CUGAUGAG GCCGUUAGGC CGAA IGCAGGGA	30292
9587         1443         GUGGCUCC A ACCUGUGU         11920         ACACAGGU CUGAUGAG         GUGAUGAG CUGAUGAG         13025           9590         1440         GCUCCAAC C UGUGUGAG         11921         UCCACACA CUGAUGAG         GCGUUAGGC         CGAA IUUGGAGC         30296           9591         1439         CUCCAAC U GUGUGGAG         11922         CUCCACAC CUGAUGAG         GCGUUAGGC         CGAA IUUGGAG         30297           9607         1423         GUAGUUUC C GUGCGACU         11923         AGUGGCAC CUGAUGAG         GCCGUUAGGC         CGAA IAACUACC         30299           9615         1415         CGUGCGACU C C ACAGUAU         11925         ACUACUGU CUGAUGAG         GCCGUUAGGC         CGAA IAGUGGC         30299           9617         1413         UGCGACUCC A CAGUAGU         11925         ACUACUGU CUGAUGAG         GCCGUUAGGC         CGAA IAGUGGC         30300           9620         1410         GACUCCCA C A GUAGUUG         11927         CCAACUAC CUGAUGAG         GCCGUUAGGC         CGAA IAGCCAAC         30303           9631         1399         AGUUGGUC A UGACCAAA         11928         UUGUCCAU CUGAUGAG         GCCGUUAGGC         CGAA IACCAAC         30303           9632         1398         GUUGGACA A AAAUGGC         11930         GCCAUUUC         GC	9584	1446	UGAGUGGC U CCAACCUG	11918	CAGGUUGG CUGAUGAG GCCGUUAGGC CGAA ICCACUCA	30293
9590         1440         GCUCCAAC         C UGUGUGGA         11921         UCCACAC         CUGUAGG         CCGUUAGGC         CGA         IUUGGAGC         30296           9591         1439         CUCCACAC         U GUGUGGAG         11922         CUCCACAC         CUGUAGGG         CGAA         IGUUGGAG         30297           9607         1423         GUAGUUUC         C GUGCGACU         11923         AGUGCAC         CUGAUGAG         GCCGUUAGGC         CGAA         IAACUAC         30298           9617         1413         UGCGACUC         C CACAGUA         11924         UACUGUGG         CUGAUGAG         GCCGUUAGGC         CGAA         14026         ACUACUG         UGAUGAG         GCCGUUAGGC         CGAA         IAGUCGCA         30300           9618         1412         GCGACUCC         A CAGUAGU         11925         ACUACUG         CUGAUGAG         CGAA         IAGUGCC         30300           9620         1410         GACUCCCA         A GUAGACAA         11927         CCAACUAC         CUGAUGAG         CGAA         IACCAACU         30302           9631         1399         AGUIGGCC         A UGACAAA         11929         UUGUCCAU         CUGAUGAG         CCGUUAGGC         CGAA         IACCAACU         3	9586	1444	AGUGGCUC C AACCUGUG	11919	CACAGGUU CUGAUGAG GCCGUUAGGC CGAA IAGCCACU	30294
9591 1439 CUCCAACC U GUGUGGAG 11922 CUCCACAC CUGAUGAG GCCGUUAGGC CGAA IGUUGGAG 30297 9607 1423 GUAGUUUC C GUGCGACU 11923 AGUCGCAC CUGAUGAG GCCGUUAGGC CGAA IAAACUAC 30298 9615 1415 CGUGCGAC U CCACAGUA 11924 UACUGUGG CUGAUGAG GCCGUUAGGC CGAA IACACUAC 30299 9617 1413 UGCGACUC C ACAGUAGU 11925 ACUACUGU CUGAUGAG GCCGUUAGGC CGAA IAGUCGCA 30300 9618 1412 GCGACUCC A CAGUAGUU 11926 AACUACUG CUGAUGAG GCCGUUAGGC CGAA IAGUCGCA 30300 9620 1410 GACUCCAC A GUAGUUGG 11927 CCAACUAC CUGAUGAG GCCGUUAGGC CGAA IAGUCGC 30301 9631 1399 AGUUGGUC C AUGGACAA 11928 UUGUCCAU CUGAUGAG GCCGUUAGGC CGAA IAGCCACU 30302 9631 1398 GUUGGUC A UGGACAA 11929 UUUGUCCA CUGAUGAG GCCGUUAGGC CGAA IACCAACU 30303 9632 1398 GUUGGUC A UGGACAA 11929 UUUGUCCA CUGAUGAG GCCGUUAGGC CGAA IACCAACU 30303 9644 1382 AAAUGGC C ACUUCGUA 11931 UACGAAGU CUGAUGAG GCCGUUAGGC CGAA IUCCAUGG 30305 9648 1382 AAAUGGC C ACUUCGUA 11931 UACGAAGU CUGAUGAG GCCGUUAGGC CGAA ICCAUUUU 30306 9650 1380 AUGGCCAC U UCGUACUU 11933 AAGUACGA CUGAUGAG GCCGUUAGGC CGAA ICCAUUUU 30306 9657 1373 CUUCGUAC U UGAUAUUC 11934 GAAUAUCA CUGAUGAG GCCGUUAGGC CGAA IGCCAUUU 30307 9666 1364 UGAUAUUC U UUCAAGAU 11935 CUUGAAAG CUGAUGAG GCCGUUAGGC CGAA IACCAAC 30309 9666 1364 UGAUAUUC U UUCAAGAU 11935 AUCUUGAA CUGAUGAG GCCGUUAGGC CGAA IACCAAC 30309 9666 1364 UGAUAUUC U UUCAAGAU 11937 AACCAUCU CUGAUGAG GCCGUUAGGC CGAA IACCAAC 30309 9666 1364 UGAUAUUC U UUCAAGAU 11937 AACCAUCU CUGAUGAG GCCGUUAGGC CGAA IACCAAC 30310 9682 1348 GAUGGCUC U AGUGAGA 11937 AACCAUCU CUGAUGAG GCCGUUAGGC CGAA IACCAUC 30313 9685 1346 GAUGGUUC U UCCAAGA 11937 AACCAUCU CUGAUGAG GCCGUUAGGC CGAA IACCAUC 30313 9686 1344 GUUCUUC U AGUGAGA 11941 CUCACCA CUGAUGAG GCCGUUAGGC CGAA IAAGAGA 30312 9687 1338 CCUAUUGC U UUGAGAGA 11941 CUCACCA CUGAUGAG GCCGUUAGGC CGAA IAAGAGA 30312 9688 1349 GAUGGCC U UUGGUAGA 11940 AAGGCAU CUGAUGAG GCCGUUAGGC CGAA IAAGAGA 30312 9689 1338 CUUUGCC U AUUGCCU 11939 AGGCAAU CUGAUGAG GCCGUUAGGC CGAA IAAGAGA 30312 9680 1341 GUUCUCC U AUUGCCU 11940 AAGCCAC CUGAUGAG GCCGUUAGGC CGAA IAAGAGA 30312 9681 1342 GUUCUCC U AUUGCCU 11940 AAGC	9587	1443	GUGGCUCC A ACCUGUGU	11920	ACACAGGU CUGAUGAG GCCGUUAGGC CGAA IGAGCCAC	30295
9607 1423 GUAGUUUC C GUGCGACU 11923 AGUCGCAC CUGAUGAG GCCGUUAGGC CGAA IAAACUAC 30298 9615 1415 CGUGCGAC U CCACAGUA 11924 UACUGUGG CUGAUGAG GCCGUUAGGC CGAA IUCGCACG 30299 9617 1413 UGCGACUC C ACAGUAGU 11925 ACUACUGU CUGAUGAG GCCGUUAGGC CGAA IUCGCACG 30300 9618 1412 GCGACUCC A CAGUAGUU 11926 AACUACUGU CUGAUGAG GCCGUUAGGC CGAA IAGUCGCA 30300 9618 1412 GCGACUCC A CAGUAGUU 11926 AACUACUGU CUGAUGAG GCCGUUAGGC CGAA IAGUCGCA 30300 9620 1410 GACUCCAC A GUAGUUGG 11927 CCAACUAC CUGAUGAG GCCGUUAGGC CGAA IAGGCCCA 30301 9631 1399 AGUUGGUC C AUGGACAA 11928 UUGUCCAU CUGAUGAG GCCGUUAGGC CGAA IACCAACU 30303 9632 1398 GUUGGUCC A UGGACAA 11929 UUUGUCCA CUGAUGAG GCCGUUAGGC CGAA IACCAACU 30303 9638 1392 CCAUGGAC A AAAAUGGC 11930 GCCAUUUU CUGAUGAG GCCGUUAGGC CGAA IACCAACC 30304 9648 1382 AAAUGGC C ACUUCGUA 11931 UACGAAGU CUGAUGAG GCCGUUAGGC CGAA ICCAUUU 30305 9648 1382 AAAUGGC C CUUCGUAC 11932 GUACGAAGU CUGAUGAG GCCGUUAGGC CGAA ICCAUUU 30307 9650 1380 AUGGCCAC U UCGUACU 11931 AACUACGA CUGAUGAG GCCGUUAGGC CGAA ICCAUUU 30308 9657 1373 CUUCGUAC U UGAUACUU 11934 GAAUAUCA CUGAUGAG GCCGUUAGGC CGAA IUCGCAU 30308 9666 1364 UGAUAUUC U CUUCAAG 11935 CUUGAAAG CUGAUGAG GCCGUUAGGC CGAA IUACGAAG 30309 9666 1364 UGAUAUUC U CUUCAAG 11935 CUUGAAAG CUGAUGAG GCCGUUAGGC CGAA IAAUAUCA 30310 9668 1362 AUAUUCUC U UUCAAGAU 11936 AUCUUGAAG CUGAUGAG GCCGUUAGGC CGAA IAAUAUCA 30310 9668 1364 UGAUAUUC U UUCAAGAU 11936 AUCUUGAAG CUGAUGAG GCCGUUAGGC CGAA IAAUAUCA 30310 9668 1364 UGAUAUUC U UUCAAGAU 11936 AUCUUGAAG CUGAUGAG GCCGUUAGGC CGAA IAAAAAGA 30312 9685 1348 GAUGGUUC U UCCUAUUG 11939 AACCAUCU CUGAUGAG GCCGUUAGGC CGAA IAAAAAGA 30312 9685 1348 GAUGGUUC U UUCAAGAU 11936 AUCUUGAAGA CUGAUGAG GCCGUUAGGC CGAA IAAACAG 30312 9686 1344 GUUCUUC C UAUUGCCU 11939 AACCAUC UGAUGAG GCCGUUAGGC CGAA IAAACAG 30312 9686 1348 GAUGGUUC U UCCUAUGAG 11940 AAGGCAAU CUGAUGAG GCCGUUAGGC CGAA IAACAAC 30314 9686 1344 GUUCUUC C UAUUGCCU 11940 AAGGCAAU CUGAUGAG GCCGUUAGGC CGAA IAACAAC 30315 9693 1337 CUAUGGC U UGGUAGA 11942 CUCAACA CUGAUGAG GCCGUUAGGC CGAA ICAAUAGG 30316 9693 1337 CUAUGCC	9590	1440	GCUCCAAC C UGUGUGGA	11921	UCCACACA CUGAUGAG GCCGUUAGGC CGAA IUUGGAGC	30296
9615 1415 CGUGCGAC U CCACAGUA 11924 UACUGUGG CUGAUGAG GCCGUUAGGC CGAA IUCGCACG 30299 9617 1413 UGCGACUC C ACAGUAGU 11925 ACUACUGU CUGAUGAG GCCGUUAGGC CGAA IAGUCGCA 30300 9618 1412 GCGACUCC A CAGUAGUU 11926 AACUACUG CUGAUGAG GCCGUUAGGC CGAA IAGUCGC 30301 9620 1410 GACUCCAC A GUAGUUGG 11927 CCAACUAC CUGAUGAG GCCGUUAGGC CGAA IAGAGUC 30302 9631 1399 AGUUGGUC C AUGGACAA 11928 UUGUCCAU CUGAUGAG GCCGUUAGGC CGAA IAGACUC 30303 9632 1398 GUUGGUCC A UGGACAAA 11929 UUUGUCCAU CUGAUGAG GCCGUUAGGC CGAA IAGACCAAC 30303 9638 1392 CCAUGGAC A AAAAUGGC 11930 GCCAUUUU CUGAUGAG GCCGUUAGGC CGAA IACACACU 30303 9647 1383 AAAAUGGC C ACUUCGUA 11931 UACGAAGU CUGAUGAG GCCGUUAGGC CGAA IUCCAUGG 30306 9648 1382 AAAUGGCC A CUUCGUAC 11932 GUACGAAG CUGAUGAG GCCGUUAGGC CGAA IUCCAUGG 30307 9650 1380 AUGGCCAC U UCGUACUU 11932 GUACGAAG CUGAUGAG GCCGUUAGGC CGAA ICCAUUU 30307 9651 1373 CUUCGUAC U UGAUAUUC 11934 GAAUAUCA CUGAUGAG GCCGUUAGGC CGAA IGCCAUUU 30307 9666 1364 UGAUAUUC U CUUUCAAG 11935 CUUGAAAG CUGAUGAG GCCGUUAGGC CGAA IUACGAAG 30309 9668 1362 AUAUUCCU U UUCAAGAU 11936 AUCUUGAA CUGAUGAG GCCGUUAGGC CGAA IAAUAUCA 30310 9668 1362 AUAUUCCU U UUCAAGAU 11936 AUCUUGAA CUGAUGAG GCCGUUAGGC CGAA IAAUAUCA 30310 9668 1364 GAUGGUUC U UCCUAUGG 11935 CUUGAAAG CUGAUGAG GCCGUUAGGC CGAA IAAUAUCA 30310 9668 1364 UGUUUUC A AGAUGGUU 11937 AACCAUCU CUGAUGAG GCCGUUAGGC CGAA IAAUAUCA 30310 9668 1364 GAUGGUUC U UCCUAUGG 11938 CAAUAGGA CUGAUGAG GCCGUUAGGC CGAA IAAAAAAGAA 30312 9682 1348 GAUGGUUC U UCCUAUGA 11938 CAAUAGGA CUGAUGAG GCCGUUAGGC CGAA IAAACACC 30314 9685 1345 GGUUCUUC C UAUUGACA U1939 AGCAAUA CUGAUGAG GCCGUUAGGC CGAA IAAACACC 30314 9686 1344 GUUCUUCC U AUUGAGAG 11940 AAGGCAAU CUGAUGAG GCCGUUAGGC CGAA IAAACACC 30314 9687 1338 CCUAUGCC UUGGUAGA 11940 AAGGCAAU CUGAUGAG GCCGUUAGGC CGAA IAACCAUC 30313 9688 1344 GUUCUCC U AUUGCCUU 11940 AAGGCAAU CUGAUGAG GCCGUUAGGC CGAA IAACCAUC 30314 9699 1338 CCUAUGCC UUGGUAGA 11941 UCUACCA CUGAUGAG GCCGUUAGGC CGAA IAACAAC 30316 9693 1337 CUAUUGCC U UGGUAGA 11944 GCCAAAUU CUGAUGAG GCCGUUAGGC CGAA ICCAUAGC 30318 9707 1323 GAGCAG	9591	1439	CUCCAACC U GUGUGGAG	11922	CUCCACAC CUGAUGAG GCCGUUAGGC CGAA IGUUGGAG	30297
9617 1413 UGCGACUC C ACAGUAGU 11925 ACUACUGU CUGAUGAG GCCGUUAGGC CGAA IAGUCGCA 30300 9618 1412 GCGACUCC A CAGUAGUU 11926 AACUACUG CUGAUGAG GCCGUUAGGC CGAA IAGUCGC 30301 9620 1410 GACUCCAC A GUAGUUGG 11927 CCAACUAC CUGAUGAG GCCGUUAGGC CGAA IUGCAGUC 30302 9631 1399 AGUUGGUC C AUGGACAA 11928 UUGUCCAU CUGAUGAG GCCGUUAGGC CGAA IACCAACU 30303 9632 1398 GUUGGUCC A UGGACAAA 11928 UUGUCCAU CUGAUGAG GCCGUUAGGC CGAA IACCAACU 30303 9632 1398 GUUGGUC A UGGACAAA 11929 UUUGUCCA CUGAUGAG GCCGUUAGGC CGAA IUCCAACU 30303 9638 1392 CCAUGGAC A AAAAUGGC 11930 GCCAUUUU CUGAUGAG GCCGUUAGGC CGAA IUCCAUGG 30305 9647 1383 AAAAUGGC C ACUUCGUA 11931 UACGAAGU CUGAUGAG GCCGUUAGGC CGAA IUCCAUGG 30305 9648 1382 AAAUGGC C ACUUCGUA 11931 UACGAAGU CUGAUGAG GCCGUUAGGC CGAA ICCAUUUU 30306 9648 1382 AAAUGGC A CUUCGUAC 11932 GUACGAAG CUGAUGAG GCCGUUAGGC CGAA ICCAUUUU 30307 9650 1380 AUGGCCAC U UCGUACUU 11933 AAGUACGA CUGAUGAG GCCGUUAGGC CGAA IGCCAUUU 30307 9650 1380 AUGGCCAC U UCGUACUU 11933 AAGUACGA CUGAUGAG GCCGUUAGGC CGAA IUGGCCAU 30308 9656 1364 UGAUAUCU U CUUCAAGAU 11934 GAAUAUCA CUGAUGAG GCCGUUAGGC CGAA IUACGAAG 30309 9666 1364 UGAUAUCU U UUCAAGAU 11935 CUUGAAAG CUGAUGAG GCCGUUAGGC CGAA IAACGAAG 30310 9668 1362 AUAUUCUC U UUCAAGAU 11936 AUCUUGAA CUGAUGAG GCCGUUAGGC CGAA IAAGAAC 30310 9668 1362 AUAUUCUC U UUCAAGAU 11936 AUCUUGAA CUGAUGAG GCCGUUAGGC CGAA IAAGAAC 30310 9668 1348 GAUGGUUC U UCCUAUUG 11939 AACCAUCU CUGAUGAG GCCGUUAGGC CGAA IAAGAAC 30311 9668 1348 GAUGGUUC U UCCUAUUG 11939 AGGCAAUA CUGAUGAG GCCGUUAGGC CGAA IAAAGAAC 30312 9682 1348 GAUGGUUC U UCCUAUGA 11939 AAGCAAUA CUGAUGAG GCCGUUAGGC CGAA IAAAGAAC 30314 9666 1344 GUUCUCC U AUUGCCU 11939 AAGCAAUC CUGAUGAG GCCGUUAGGC CGAA IAAAGAAC 30314 9668 1345 GGUUCUCC U UUGGUAGA 11940 AAGCCAAC CUGAUGAG GCCGUUAGGC CGAA IAAAGAAC 30314 9668 1344 GUUCUCC U AUUGCCU 11939 AAGCAAUA CUGAUGAG GCCGUUAGGC CGAA IAAAGAAC 30314 9668 1345 GGUUCUCC U UUGGUAGA 11941 UCCACCAA CUGAUGAG GCCGUUAGGC CGAA IAACCAUC 30313 9703 1327 GGUAGAGC A GCCAAAUU 11943 AAUUUCACCA CUGAUGAG GCCGUUAGGC CGAA ICCCUCCC 30318 9703 1327 GGUA	9607	1423	GUAGUUUC C GUGCGACU	11923	AGUCGCAC CUGAUGAG GCCGUUAGGC CGAA IAAACUAC	30298
9617 1413 UGCGACUC C ACAGUAGU 11925 ACUACUGU CUGAUGAG GCCGUUAGGC CGAA IAGUCGCA 30300 9618 1412 GCGACUCC A CAGUAGUU 11926 AACUACUG CUGAUGAG GCCGUUAGGC CGAA IAGUCGC 30301 9620 1410 GACUCCAC A GUAGUUGG 11927 CCAACUAC CUGAUGAG GCCGUUAGGC CGAA IUGCAGUC 30302 9631 1399 AGUUGGUC C AUGGACAA 11928 UUGUCCAU CUGAUGAG GCCGUUAGGC CGAA IACCAACU 30303 9632 1398 GUUGGUCC A UGGACAAA 11929 UUUGUCCAU CUGAUGAG GCCGUUAGGC CGAA IACCAACU 30303 9632 1398 GUUGGUCC A UGGACAAA 11929 UUUGUCCA CUGAUGAG GCCGUUAGGC CGAA IUCCAACU 30303 9638 1392 CCAUGGAC A AAAAUGGC 11930 GCCAUUUU CUGAUGAG GCCGUUAGGC CGAA IUCCAACU 30305 9647 1383 AAAAUGGC C ACUUCGUA 11931 UACGAAGU CUGAUGAG GCCGUUAGGC CGAA IUCCAUGG 30305 9648 1382 AAAUGGC C ACUUCGUA 11932 GUACGAAG CUGAUGAG GCCGUUAGGC CGAA ICCAUUUU 30306 9648 1382 AAAUGGC A CUUCGUAC 11932 GUACGAAG CUGAUGAG GCCGUUAGGC CGAA ICCAUUUU 30307 9650 1380 AUGGCCAC U UCGUACU 11933 AAGUACGA CUGAUGAG GCCGUUAGGC CGAA IGCCAUUU 30307 9650 1380 AUGGCCAC U UCGUACUU 11933 AAGUACGA CUGAUGAG GCCGUUAGGC CGAA IUGGCCAU 30308 9657 1373 CUUCGUAC U UGAUAUUC 11934 GAAUAUCA CUGAUGAG GCCGUUAGGC CGAA IAAUAUCA 30310 9668 1364 UGAUAUCU U UUCAAGAU 11935 CUUGAAAG CUGAUGAG GCCGUUAGGC CGAA IAAUAUCA 30310 9668 1362 AUAUUCUC U UUCAAGAU 11936 AUCUUGAA CUGAUGAG GCCGUUAGGC CGAA IAAUAUCA 30310 9668 1364 GAUGUUC U UCCUAUUG 11936 AUCUUGAA CUGAUGAG GCCGUUAGGC CGAA IAAGAAC 30310 9668 1348 GAUGGUUC U UCCUAUUG 11939 AACCAUCU CUGAUGAG GCCGUUAGGC CGAA IAAGAAC 30311 9668 1348 GAUGGUUC U UCCUAUUG 11939 AGGCAAUA CUGAUGAG GCCGUUAGGC CGAA IAAGAAC 30312 9682 1348 GAUGGUUC U UCCUAUGA 11939 AGGCAAUA CUGAUGAG GCCGUUAGGC CGAA IAAGAAC 30314 9668 1344 GUUCUCC U AUUGCCU 11939 AGGCAAUA CUGAUGAG GCCGUUAGGC CGAA IAAGAAC 30314 9668 1344 GUUCUCC U UGGUAGAA 11941 UCCACAA CUGAUGAG GCCGUUAGGC CGAA IAAGAAC 30314 9668 1344 GUUCUCC U UGGUAGAA 11940 AAGGCAAU CUGAUGAG GCCGUUAGGC CGAA IAAGAAC 30315 9693 1337 CUAUUGCC U UGGUAGAA 11942 CUCUACCA CUGAUGAG GCCGUUAGGC CGAA ICAAUAG 30316 9693 1337 CUAUUGCC U UGGUAGAA 11944 GCCAAAUU CUGAUGAG GCCGUUAGGC CGAA ICCCCCAA 30318 9703 1327 GGUAGAGC A AA		<del></del>	CGUGCGAC U CCACAGUA	11924	UACUGUGG CUGAUGAG GCCGUUAGGC CGAA IUCGCACG	30299
9618         1412         GCGACUCC         A CAGUAGUU         11926         AACUACUG         CUGAUGAG         GCCGUUAGGC         CGAA         IGAGUCGC         30301           9620         1410         GACUCCAC         A GUAGUUGG         11927         CCAACUAC         CUGAUGAG         GCCGUUAGGC         CGAA         IUGACCAU         30302           9631         1399         AGUUGGUC         A UGGACAA         11928         UUGUCCAU         CUGAUGAG         GCCGUUAGGC         CGAA         IACCAACU         30303           9632         1398         GUUGGUC         A UGGACAA         11929         UUUGUCCA         CUGAUGAG         GCCGUUAGGC         CGAA         IUCCAUG         30304           9647         1383         AAAAUGGC         C A CUUCGUA         11931         UACGAAG         CUGAUGAG         CCCAUUAGGC         CGAA         IUCAUUU         30307           9648         1382         AAAUGGCC         A CUUCGUAC         11932         GUACGAAG         CUGAUGAG         CCCGUUAGGC         CGAA         IUCAUGAG         11931         AAGUACGA         CUGAUGAG         CGAA         IUCAUUU         30307         9657         1373         CUUCGUAC         U UGAUAUUC         11933         AAGUACAC         CUGAUGAG         CCGUUA				11925	<del></del>	30300
9620         1410         GACUCCAC A GUAGUUGG         11927         CCAACUAC CUGAUGAG         GCCGUUAGGC         CGAA IUGGAGUC         30302           9631         1399         AGUUGGUC C AUGGACAA         11928         UUGUCCAU CUGAUGAG         GCCGUUAGGC         CGAA IACCAACU         30303           9632         1398         GUUGGUCC A UGGACAA         11929         UUUGUCCA CUGAUGAG         GCCGUUAGGC         CGAA IGACCAAC         30304           9638         1392         CCAUGGAC A AAAAUGGC         11930         GCCAUUUU CUGAUGAG         GCCGUUAGGC         CGAA IUCCAUGG         30305           9647         1383         AAAAUGGC C ACUUCGUA         11931         UACGAAGU CUGAUGAG         GCCGUUAGGC         CGAA ICCAUUU         30306           9648         1382         AAAUGGC A CUUCGUAC         11932         GUACGAAG CUGAUGAG         GCCGUUAGGC         CGAA ICCAUUU         30307           9650         1380         AUGGCCAC U UCGUACUU         11933         AAGUACGA CUGAUGAG         GCCGUUAGGC         CGAA IUACGAAG         30309           9666         1364         UGAUAUUC U UCAAGAU         11934         GAAUAUCAC CUGAUGAG         GCCGUUAGGC         CGAA IAAAUAUCA         30310           9672         1358         UCUCUUCAAGAU         11936         AUCUUGAAG			L	<del></del>		
9631         1399         AGUUGGUC C AUGGACAA         11928         UUGUCCAU CUGAUGAG GCCGUUAGGC CGAA IACCAACU         30303           9632         1398         GUUGGUC A UGGACAAA         11929         UUUGUCCA CUGAUGAG GCCGUUAGGC CGAA IGACCAAC         30304           9638         1392         CCAUGGAC A AAAAUGGC         11930         GCCAUUUU CUGAUGAG GCCGUUAGGC CGAA IUCCAUGG         30305           9647         1383         AAAAUGGC C ACUUCGUA         11931         UACGAAGU CUGAUGAG GCCGUUAGGC CGAA ICCAUUUU         30306           9648         1382         AAAUGGCC A CUUCGUAC 11932         GUACGAAG CUGAUGAG GCCGUUAGGC CGAA IGCCAUUU         30307           9650         1380         AUGGCCAC U UCGUACUU 11933         AAGUACGA CUGAUGAG GCCGUUAGGC CGAA IUGCCAU         30308           9657         1373         CUUCGUAC U UGAUAUUC 11934         GAAUAUCA CUGAUGAG GCCGUUAGGC CGAA IAAUAUCA         30310           9666         1364         UGAUAUUC U CUUUCAAG 11935         CUUGAAAG CUGAUGAG GCCGUUAGGC CGAA IAAUAU         30311           9672         1358         UCUCUUUC A AGAUGGUU 11937         AACCAUCU CUGAUGAG GCCGUUAGGC CGAA IAACAUAU         30311           96782         1348         GAUGGUC U UCCUAUG 11938         CAAUAGGA CUGAUGAG GCCGUUAGGC CGAA IAACAAC         30313           9685         1345         GGUCUUC C UAUUGCCU 11939 <td></td> <td></td> <td><u> </u></td> <td></td> <td></td> <td></td>			<u> </u>			
9632         1398         GUUGGUCC A UGGACAAA         11929         UUUGUCCA CUGAUGAG         GCCGUUAGGC         CGAA IGACCAAC         30304           9638         1392         CCAUGGAC A AAAAUGGC         11930         GCCAUUUU CUGAUGAG         GCCGUUAGGC         CGAA IUCCAUGG         30305           9647         1383         AAAAUGGC C ACUUCGUA         11931         UACGAAGU CUGAUGAG         GCCGUUAGGC         CGAA ICCAUUU         30306           9648         1382         AAAUGGC C U UCGUACU         11932         GUACGAAG CUGAUGAG         GCCGUUAGGC         CGAA IUCCAUUU         30307           9650         1380         AUGGCCAC U UCGUACUU         11933         AAGUACGA CUGAUGAG         GCCGUUAGGC         CGAA IUACGAAG         30308           9657         1373         CUUCGUAC U UGAUAUUC         11934         GAAUAUCA CUGAUGAG         GCCGUUAGGC         CGAA IUACGAAG         30309           9666         1364         UGAUAUUC U CUUCAAGAU         11935         CUUGAAAG CUGAUGAG         GCCGUUAGGC         CGAA IAAUAUCA         30310           9672         1358         UCUCUUUC A AGAUGGUU         11937         AACCAUCU CUGAUGAG         GCCGUUAGGC         CGAA IAACCAUC         30313           9682         1348         GAUGGUC U UCCUAUGA         11938						
9638         1392         CCAUGGAC A AAAAUGGC         11930         GCCAUUUU CUGAUGAG GCCGUUAGGC CGAA IUCCAUGG         30305           9647         1383         AAAAUGGC C ACUUCGUA         11931         UACGAAGU CUGAUGAG GCCGUUAGGC CGAA ICCAUUUU         30306           9648         1382         AAAUGGC A CUUCGUAC         11932         GUACGAAG CUGAUGAG GCCGUUAGGC CGAA IGCCAUUU         30307           9650         1380         AUGGCCAC U UCGUACUU         11933         AAGUACGA CUGAUGAG GCCGUUAGGC CGAA IUGGCAU         30308           9657         1373         CUUCGUAC U UGAUAUUC         11934         GAAUAUCA CUGAUGAG GCCGUUAGGC CGAA IUACGAAG         30309           9666         1364         UGAUAUUC U CUUUCAAG         11935         CUUGAAAG CUGAUGAG GCCGUUAGGC CGAA IAAUAUCA         30310           9668         1362         AUAUUCUC U UUCAAGAU         11936         AUCUUGAA CUGAUGAG GCCGUUAGGC CGAA IAAAAUAU         30311           9672         1358         UCUCUUUC A AGAUGGUU         11937         AACCAUCU CUGAUGAG GCCGUUAGGC CGAA IAACAUC         30312           9682         1348         GAUGGUC U UCCUAUUG         11938         CAAUAGGA CUGAUGAG GCCGUUAGGC CGAA IAACAUC         30313           9685         1345         GGUUCUUC C UAUUGCCU         11939         AGGCAAUA CUGAUGAG GCCGUUAGGC CGAA IAAGAAC         30316		<del></del>		<del></del>		
9647 1383 AAAAUGGC C ACUUCGUA 11931 UACGAAGU CUGAUGAG GCCGUUAGGC CGAA ICCAUUUU 30306 9648 1382 AAAUGGCC A CUUCGUAC 11932 GUACGAAG CUGAUGAG GCCGUUAGGC CGAA IGCCAUUU 30307 9650 1380 AUGGCCAC U UCGUACUU 11933 AAGUACGA CUGAUGAG GCCGUUAGGC CGAA IUGGCCAU 30308 9657 1373 CUUCGUAC U UGAUAUUC 11934 GAAUAUCA CUGAUGAG GCCGUUAGGC CGAA IUACGAAG 30309 9666 1364 UGAUAUUC U CUUUCAAG 11935 CUUGAAAG CUGAUGAG GCCGUUAGGC CGAA IAAUAUCA 30310 9668 1362 AUAUUCUC U UUCAAGAU 11936 AUCUUGAA CUGAUGAG GCCGUUAGGC CGAA IAAUAUCA 30311 9672 1358 UCCUCUUUC A AGAUGGUU 11937 AACCAUCU CUGAUGAG GCCGUUAGGC CGAA IAAAAGAG 30312 9682 1348 GAUGGUUC U UCCUAUUG 11938 CAAUAGGA CUGAUGAG GCCGUUAGGC CGAA IAACCAUC 30313 9685 1345 GGUUCUUC C UAUUGCCU 11939 AGGCAAUA CUGAUGAG GCCGUUAGGC CGAA IAAGAACC 30314 9686 1344 GUUCUUCC U AUUGCCUU 11940 AAGGCAAUA CUGAUGAG GCCGUUAGGC CGAA IAAGAACC 30314 9692 1338 CCUAUUGC C UUGGUAGA 11941 UCUACCAA CUGAUGAG GCCGUUAGGC CGAA ICAAUAGG 30316 9693 1337 CUAUUGCC U UGGUAGAG 11942 CUCUACCA CUGAUGAG GCCGUUAGGC CGAA ICAAUAGG 30317 9703 1327 GGUAGAGC A GGCAAAUU 11943 AAUUUGCC CUGAUGAG GCCGUUAGGC CGAA ICCAUCAC 30318 9707 1323 GAGCAGCA A AAUUUGGC 11944 GCCAAAAUU CUGAUGAG GCCGUUAGGC CGAA ICCUCACC 30319 9718 1312 UUUGGCGC A UGUGUCAA 11945 UUGACCAC CUGAUGAG GCCGUUAGGC CGAA ICCUCACC 30319						
9648 1382 AAAUGGCC A CUUCGUAC 11932 GUACGAAG CUGAUGAG GCCGUUAGGC CGAA IGCCAUUU 30307 9650 1380 AUGGCCAC U UCGUACUU 11933 AAGUACGA CUGAUGAG GCCGUUAGGC CGAA IUGGCCAU 30308 9657 1373 CUUCGUAC U UGAUAUUC 11934 GAAUAUCA CUGAUGAG GCCGUUAGGC CGAA IUACGAAG 30309 9666 1364 UGAUAUUC U CUUUCAAG 11935 CUUGAAAG CUGAUGAG GCCGUUAGGC CGAA IAAUAUCA 30310 9668 1362 AUAUUCUC U UUCAAGAU 11936 AUCUUGAA CUGAUGAG GCCGUUAGGC CGAA IAAUAUCA 30311 9672 1358 UCUCUUUC A AGAUGGUU 11937 AACCAUCU CUGAUGAG GCCGUUAGGC CGAA IAAAGAGA 30312 9682 1348 GAUGGUUC U UCCUAUUG 11938 CAAUAGGA CUGAUGAG GCCGUUAGGC CGAA IAACGAUC 30313 9685 1345 GGUUCUUC C UAUUGCCU 11939 AGGCAAUA CUGAUGAG GCCGUUAGGC CGAA IAAGAACC 30314 9686 1344 GUUCUUCC U AUUGCCUU 11940 AAGGCAAU CUGAUGAG GCCGUUAGGC CGAA IAAGAACC 30315 9692 1338 CCUAUUGC C UUGGUAGA 11941 UCUACCAA CUGAUGAG GCCGUUAGGC CGAA ICAAUAGG 30316 9693 1337 CUAUUGCC U UGGUAGAG 11942 CUCUACCA CUGAUGAG GCCGUUAGGC CGAA ICAAUAGG 30317 9703 1327 GGUAGAGC A GGCAAAUU 11943 AAUUUGCC CUGAUGAG GCCGUUAGGC CGAA ICCAAUAG 30318 9707 1323 GAGCAGGC A AAUUUGGC 11944 GCCAAAUU CUGAUGAG GCCGUUAGGC CGAA ICCUCUACC 30318 9718 1312 UUUGGCGC A UGUGUCAA 11945 UUGACACA CUGAUGAG GCCGUUAGGC CGAA ICCUCUCC 30319				<del></del>	<u> </u>	
9650 1380 AUGGCCAC U UCGUACUU 11933 AAGUACGA CUGAUGAG GCCGUUAGGC CGAA IUGGCCAU 30308 9657 1373 CUUCGUAC U UGAUAUUC 11934 GAAUAUCA CUGAUGAG GCCGUUAGGC CGAA IUACGAAG 30309 9666 1364 UGAUAUUC U CUUUCAAG 11935 CUUGAAAG CUGAUGAG GCCGUUAGGC CGAA IAAUAUCA 30310 9668 1362 AUAUUCUC U UUCAAGAU 11936 AUCUUGAA CUGAUGAG GCCGUUAGGC CGAA IAAUAUCA 30311 9672 1358 UCUCUUUC A AGAUGGUU 11937 AACCAUCU CUGAUGAG GCCGUUAGGC CGAA IAAAGAGA 30312 9682 1348 GAUGGUUC U UCCUAUUG 11938 CAAUAGGA CUGAUGAG GCCGUUAGGC CGAA IAACCAUC 30313 9685 1345 GGUUCUUC C UAUUGCCU 11939 AGGCAAUA CUGAUGAG GCCGUUAGGC CGAA IAACACC 30314 9686 1344 GUUCUUCC U AUUGCCUU 11940 AAGGCAAU CUGAUGAG GCCGUUAGGC CGAA IAAGAACC 30315 9692 1338 CCUAUUGC C UUGGUAGA 11941 UCUACCAA CUGAUGAG GCCGUUAGGC CGAA ICAAUAGG 30316 9693 1337 CUAUUGCC U UGGUAGAG 11942 CUCUACCA CUGAUGAG GCCGUUAGGC CGAA ICAAUAGG 30317 9703 1327 GGUAGAGC A GGCAAAUU 11943 AAUUUGCC CUGAUGAG GCCGUUAGGC CGAA ICCAAUAG 30318 9707 1323 GAGCAGGC A AAUUUGGC 11944 GCCAAAUU CUGAUGAG GCCGUUAGGC CGAA ICCUCUCC 30319 9718 1312 UUUGGCGC A UGUGUCAA 11945 UUGACACA CUGAUGAG GCCGUUAGGC CGAA ICCCCCAAA 30320				<del></del>	<u> </u>	
9657 1373 CUUCGUAC U UGAUAUUC 11934 GAAUAUCA CUGAUGAG GCCGUUAGGC CGAA IUACGAAG 30309 9666 1364 UGAUAUUC U CUUUCAAG 11935 CUUGAAAG CUGAUGAG GCCGUUAGGC CGAA IAAUAUCA 30310 9668 1362 AUAUUCUC U UUCAAGAU 11936 AUCUUGAA CUGAUGAG GCCGUUAGGC CGAA IAAGAAUAU 30311 9672 1358 UCUCUUUC A AGAUGGUU 11937 AACCAUCU CUGAUGAG GCCGUUAGGC CGAA IAAAGAGA 30312 9682 1348 GAUGGUUC U UCCUAUUG 11938 CAAUAGGA CUGAUGAG GCCGUUAGGC CGAA IAACCAUC 30313 9685 1345 GGUUCUUC C UAUUGCCU 11939 AGGCAAUA CUGAUGAG GCCGUUAGGC CGAA IAAGAACC 30314 9686 1344 GUUCUUCC U AUUGCCUU 11940 AAGGCAAU CUGAUGAG GCCGUUAGGC CGAA IAAGAACC 30315 9692 1338 CCUAUUGC C UUGGUAGA 11941 UCUACCAA CUGAUGAG GCCGUUAGGC CGAA ICAAUAGG 30316 9693 1337 CUAUUGCC U UGGUAGAG 11942 CUCUACCA CUGAUGAG GCCGUUAGGC CGAA ICAAUAGG 30317 9703 1327 GGUAGAGC A GGCAAAUU 11943 AAUUUGCC CUGAUGAG GCCGUUAGGC CGAA ICCAAUAG 30318 9707 1323 GAGCAGGC A AAUUUGGC 11944 GCCAAAUU CUGAUGAG GCCGUUAGGC CGAA ICCCCCAAA 30319 9718 1312 UUUGGCGC A UGUGUCAA 11945 UUGACACA CUGAUGAG GCCGUUAGGC CGAA ICCCCCAAA 30320		<del></del>			<u></u>	
9666 1364 UGAUAUUC U CUUUCAAG 11935 CUUGAAAG CUGAUGAG GCCGUUAGGC CGAA IAAUAUCA 30310 9668 1362 AUAUUCUC U UUCAAGAU 11936 AUCUUGAA CUGAUGAG GCCGUUAGGC CGAA IAGAAUAU 30311 9672 1358 UCUCUUUC A AGAUGGUU 11937 AACCAUCU CUGAUGAG GCCGUUAGGC CGAA IAAAGAGA 30312 9682 1348 GAUGGUUC U UCCUAUUG 11938 CAAUAGGA CUGAUGAG GCCGUUAGGC CGAA IAACCAUC 30313 9685 1345 GGUUCUUC C UAUUGCCU 11939 AGGCAAUA CUGAUGAG GCCGUUAGGC CGAA IAAGAACC 30314 9686 1344 GUUCUUCC U AUUGCCUU 11940 AAGGCAAU CUGAUGAG GCCGUUAGGC CGAA IGAAGAAC 30315 9692 1338 CCUAUUGC C UUGGUAGA 11941 UCUACCAA CUGAUGAG GCCGUUAGGC CGAA ICAAUAGG 30316 9693 1337 CUAUUGCC U UGGUAGAG 11942 CUCUACCA CUGAUGAG GCCGUUAGGC CGAA IGCAAUAG 30317 9703 1327 GGUAGAGC A GGCAAAUU 11943 AAUUUGCC CUGAUGAG GCCGUUAGGC CGAA ICCAUACC 30318 9707 1323 GAGCAGGC A AAUUUGGC 11944 GCCAAAUU CUGAUGAG GCCGUUAGGC CGAA ICCUCUCC 30319 9718 1312 UUUGGCGC A UGUGUCAA 11945 UUGACACA CUGAUGAG GCCGUUAGGC CGAA ICCCCAAA 30320		<del>└</del> ───			<u> </u>	
9668         1362         AUAUUCUC U UUCAAGAU         11936         AUCUUGAA CUGAUGAG GCCGUUAGGC CGAA IAGAAUAU         30311           9672         1358         UCUCUUUC A AGAUGGUU         11937         AACCAUCU CUGAUGAG GCCGUUAGGC CGAA IAAAGAGA         30312           9682         1348         GAUGGUUC U UCCUAUUG         11938         CAAUAGGA CUGAUGAG GCCGUUAGGC CGAA IAACCAUC         30313           9685         1345         GGUUCUUC C UAUUGCCU         11939         AGGCAAUA CUGAUGAG GCCGUUAGGC CGAA IAAGAAC         30314           9686         1344         GUUCUUCC U AUUGCCU         11940         AAGGCAAU CUGAUGAG GCCGUUAGGC CGAA IGAAGAAC         30315           9692         1338         CCUAUUGC C UUGGUAGA         11941         UCUACCAA CUGAUGAG GCCGUUAGGC CGAA ICAAUAGG         30316           9693         1337         CUAUUGCC U UGGUAGAG         11942         CUCUACCA CUGAUGAG GCCGUUAGGC CGAA IGCAAUAG         30317           9703         1327         GGUAGAGC A GGCAAAUU         11943         AAUUUGCC CUGAUGAG GCCGUUAGGC CGAA ICUCUACC         30318           9707         1323         GAGCAGC A AAUUUGGC         11944         GCCAAAUU CUGAUGAG GCCGUUAGGC CGAA ICCCCAAA         30319           9718         1312         UUUGGCGC A UGUGUCAA         11945         UUGACACA CUGAUGAG GCCGUUAGGC CGAA ICCCCAAA         30320 <td></td> <td></td> <td></td> <td><del></del></td> <td><u> </u></td> <td><del></del></td>				<del></del>	<u> </u>	<del></del>
9672 1358 UCUCUUUC A AGAUGGUU 11937 AACCAUCU CUGAUGAG GCCGUUAGGC CGAA IAAAGAGA 30312 9682 1348 GAUGGUUC U UCCUAUUG 11938 CAAUAGGA CUGAUGAG GCCGUUAGGC CGAA IAACCAUC 30313 9685 1345 GGUUCUUC C UAUUGCCU 11939 AGGCAAUA CUGAUGAG GCCGUUAGGC CGAA IAAGAACC 30314 9686 1344 GUUCUUCC U AUUGCCUU 11940 AAGGCAAU CUGAUGAG GCCGUUAGGC CGAA IGAAGAAC 30315 9692 1338 CCUAUUGC C UUGGUAGA 11941 UCUACCAA CUGAUGAG GCCGUUAGGC CGAA ICAAUAGG 30316 9693 1337 CUAUUGCC U UGGUAGAG 11942 CUCUACCA CUGAUGAG GCCGUUAGGC CGAA IGCAAUAG 30317 9703 1327 GGUAGAGC A GGCAAAUU 11943 AAUUUGCC CUGAUGAG GCCGUUAGGC CGAA ICUCUACC 30318 9707 1323 GAGCAGGC A AAUUUGGC 11944 GCCAAAUU CUGAUGAG GCCGUUAGGC CGAA ICCUCUCC 30319 9718 1312 UUUGGCGC A UGUGUCAA 11945 UUGACACA CUGAUGAG GCCGUUAGGC CGAA ICCCCAAA 30320			<del> </del>			
9682 1348 GAUGGUUC U UCCUAUUG 11938 CAAUAGGA CUGAUGAG GCCGUUAGGC CGAA IAACCAUC 30313 9685 1345 GGUUCUUC C UAUUGCCU 11939 AGGCAAUA CUGAUGAG GCCGUUAGGC CGAA IAAGAACC 30314 9686 1344 GUUCUUCC U AUUGCCUU 11940 AAGGCAAU CUGAUGAG GCCGUUAGGC CGAA IGAAGAAC 30315 9692 1338 CCUAUUGC C UUGGUAGA 11941 UCUACCAA CUGAUGAG GCCGUUAGGC CGAA ICAAUAGG 30316 9693 1337 CUAUUGCC U UGGUAGAG 11942 CUCUACCA CUGAUGAG GCCGUUAGGC CGAA ICCAAUAG 30317 9703 1327 GGUAGAGC A GGCAAAUU 11943 AAUUUGCC CUGAUGAG GCCGUUAGGC CGAA ICUCUACC 30318 9707 1323 GAGCAGGC A AAUUUGGC 11944 GCCAAAUU CUGAUGAG GCCGUUAGGC CGAA ICCUGCUC 30319 9718 1312 UUUGGCGC A UGUGUCAA 11945 UUGACACA CUGAUGAG GCCGUUAGGC CGAA ICCCCAAA 30320					<u> </u>	
9685 1345 GGUUCUUC C UAUUGCCU 11939 AGGCAAUA CUGAUGAG GCCGUUAGGC CGAA IAAGAACC 30314 9686 1344 GUUCUUCC U AUUGCCUU 11940 AAGGCAAU CUGAUGAG GCCGUUAGGC CGAA IGAAGAAC 30315 9692 1338 CCUAUUGC C UUGGUAGA 11941 UCUACCAA CUGAUGAG GCCGUUAGGC CGAA ICAAUAGG 30316 9693 1337 CUAUUGCC U UGGUAGAG 11942 CUCUACCA CUGAUGAG GCCGUUAGGC CGAA ICCAAUAG 30317 9703 1327 GGUAGAGC A GGCAAAUU 11943 AAUUUGCC CUGAUGAG GCCGUUAGGC CGAA ICUCUACC 30318 9707 1323 GAGCAGGC A AAUUUGGC 11944 GCCAAAUU CUGAUGAG GCCGUUAGGC CGAA ICCUGCUC 30319 9718 1312 UUUGGCGC A UGUGUCAA 11945 UUGACACA CUGAUGAG GCCGUUAGGC CGAA ICCCCAAA 30320		<del></del>		<del></del>		
9686 1344 GUUCUUCC U AUUGCCUU 11940 AAGGCAAU CUGAUGAG GCCGUUAGGC CGAA IGAAGAAC 30315 9692 1338 CCUAUUGC C UUGGUAGA 11941 UCUACCAA CUGAUGAG GCCGUUAGGC CGAA ICAAUAGG 30316 9693 1337 CUAUUGCC U UGGUAGAG 11942 CUCUACCA CUGAUGAG GCCGUUAGGC CGAA IGCAAUAG 30317 9703 1327 GGUAGAGC A GGCAAAUU 11943 AAUUUGCC CUGAUGAG GCCGUUAGGC CGAA ICUCUACC 30318 9707 1323 GAGCAGGC A AAUUUGGC 11944 GCCAAAUU CUGAUGAG GCCGUUAGGC CGAA ICCUGCUC 30319 9718 1312 UUUGGCGC A UGUGUCAA 11945 UUGACACA CUGAUGAG GCCGUUAGGC CGAA ICGCCAAA 30320					<u> </u>	
9692 1338 CCUAUUGC C UUGGUAGA 11941 UCUACCAA CUGAUGAG GCCGUUAGGC CGAA ICAAUAGG 30316 9693 1337 CUAUUGCC U UGGUAGAG 11942 CUCUACCA CUGAUGAG GCCGUUAGGC CGAA IGCAAUAG 30317 9703 1327 GGUAGAGC A GGCAAAUU 11943 AAUUUGCC CUGAUGAG GCCGUUAGGC CGAA ICUCUACC 30318 9707 1323 GAGCAGGC A AAUUUGGC 11944 GCCAAAUU CUGAUGAG GCCGUUAGGC CGAA ICCUGCUC 30319 9718 1312 UUUGGCGC A UGUGUCAA 11945 UUGACACA CUGAUGAG GCCGUUAGGC CGAA ICGCCAAA 30320						
9693 1337 CUAUUGCC U UGGUAGAG 11942 CUCUACCA CUGAUGAG GCCGUUAGGC CGAA IGCAAUAG 30317 9703 1327 GGUAGAGC A GGCAAAUU 11943 AAUUUGCC CUGAUGAG GCCGUUAGGC CGAA ICUCUACC 30318 9707 1323 GAGCAGGC A AAUUUGGC 11944 GCCAAAUU CUGAUGAG GCCGUUAGGC CGAA ICCUGCUC 30319 9718 1312 UUUGGCGC A UGUGUCAA 11945 UUGACACA CUGAUGAG GCCGUUAGGC CGAA ICCCCAAA 30320			<del></del>			
9703 1327 GGUAGAC A GGCAAAUU 11943 AAUUUGCC CUGAUGAG GCCGUUAGGC CGAA ICCUCACC 30318 9707 1323 GAGCAGGC A AAUUUGGC 11944 GCCAAAUU CUGAUGAG GCCGUUAGGC CGAA ICCUGCUC 30319 9718 1312 UUUGGCGC A UGUGUCAA 11945 UUGACACA CUGAUGAG GCCGUUAGGC CGAA ICCCCAAA 30320		<del></del>			<u> </u>	
9707 1323 GAGCAGGC A AAUUUGGC 11944 GCCAAAUU CUGAUGAG GCCGUUAGGC CGAA ICCUGCUC 30319 9718 1312 UUUGGCGC A UGUGUCAA 11945 UUGACACA CUGAUGAG GCCGUUAGGC CGAA ICGCCAAA 30320		<del></del>	<del></del>	<del></del>	<u> </u>	
9718 1312 UUUGGCGC A UGUGUCAA 11945 UUGACACA CUGAUGAG GCCGUUAGGC CGAA ICGCCAAA 30320			<del></del>		<u> </u>	
			<del></del>			
9725   1305   CAUGUGUC A AUGCUUCC   11946   GGAAGCAU CUGAUGAG GCCGUUAGGC CGAA IACACAUG   30321		<del></del>	<u> </u>		<u></u>	
	9725	1305	CAUGUGUC A AUGCUUCC	11946	GGAAGCAU CUGAUGAG GCCGUUAGGC CGAA IACACAUG	30321

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Table IX

9730	1300	GUCAAUGC U UCCUUUGC	11947	GCAAAGGA CUGAUGAG GCCGUUAGGC CGAA ICAUUGAC	30322
9733	1297	AAUGCUUC C UUUGCCAA	11948	UUGGCAAA CUGAUGAG GCCGUUAGGC CGAA IAAGCAUU	30323
9734	1296	AUGCUUCC U UUGCCAAA	11949	UUUGGCAA CUGAUGAG GCCGUUAGGC CGAA IGAAGCAU	30324
9739	1291	UCCUUUGC C AAAUAAUC	11950	GAUUAUUU CUGAUGAG GCCGUUAGGC CGAA ICAAAGGA	30325
9740	1290	CCUUUGCC A AAUAAUCC	11951	GGAUUAUU CUGAUGAG GCCGUUAGGC CGAA IGCAAAGG	30326
9748		AAAUAAUC C GCAGCCGU	11952	ACGGCUGC CUGAUGAG GCCGUUAGGC CGAA IAUUAUUU	30327
	1282				
9751	1279	UAAUCCGC A GCCGUUGC	11953	GCAACGGC CUGAUGAG GCCGUUAGGC CGAA ICGGAUUA	30328
9754	1276	UCCGCAGC C GUUGCCCC	11954	GGGGCAAC CUGAUGAG GCCGUUAGGC CGAA ICUGCGGA	30329
9760	1270	GCCGUUGC C CCAGCCCC	11955	GGGGCUGG CUGAUGAG GCCGUUAGGC CGAA ICAACGGC	30330
9761	1269	CCGUUGCC C CAGCCCCU	11956	AGGGGCUG CUGAUGAG GCCGUUAGGC CGAA IGCAACGG	30331
9762	1268	CGUUGCCC C AGCCCCUG	11957	CAGGGGCU CUGAUGAG GCCGUUAGGC CGAA IGGCAACG	30332
9763	1267	GUUGCCCC A GCCCCUGU	11958	ACAGGGGC CUGAUGAG GCCGUUAGGC CGAA IGGGCAAC	30333
9766	1264	GCCCCAGC C CCUGUCCA	11959	UGGACAGG CUGAUGAG GCCGUUAGGC CGAA ICUGGGGC	30334
			11960		<del></del>
9767	1263	CCCCAGCC C CUGUCCAC		GUGGACAG CUGAUGAG GCCGUUAGGC CGAA IGCUGGGG	30335
9768	1262	CCCAGCCC C UGUCCACC	11961	GGUGGACA CUGAUGAG GCCGUUAGGC CGAA IGGCUGGG	30336
9769	1261	CCAGCCCC U GUCCACCA	11962	UGGUGGAC CUGAUGAG GCCGUUAGGC CGAA IGGGCUGG	30337
9773	1257	CCCCUGUC C ACCACUCC	11963	GGAGUGGU CUGAUGAG GCCGUUAGGC CGAA IACAGGGG	30338
9774	1256	CCCUGUCC A CCACUCCU	11964	AGGAGUGG CUGAUGAG GCCGUUAGGC CGAA IGACAGGG	30339
9776	1254	CUGUCCAC C ACUCCUUG	11965	CAAGGAGU CUGAUGAG GCCGUUAGGC CGAA IUGGACAG	30340
9777	1253	UGUCCACC A CUCCUUGU	11966	ACAAGGAG CUGAUGAG GCCGUUAGGC CGAA IGUGGACA	30341
9779	1251	UCCACCAC U CCUUGUCU	11967	AGACAAGG CUGAUGAG GCCGUUAGGC CGAA IUGGUGGA	30342
9781	1249	CACCACUC C UUGUCUGC	11968		
				GCAGACAA CUGAUGAG GCCGUUAGGC CGAA IAGUGGUG	30343
9782	1248	ACCACUCC U UGUCUGCA	11969	UGCAGACA CUGAUGAG GCCGUUAGGC CGAA IGAGUGGU	30344
9787	1243	UCCUUGUC U GCACACAA	11970	UUGUGUGC CUGAUGAG GCCGUUAGGC CGAA IACAAGGA	30345
9790	1240	UUGUCUGC A CACAAAG	11971	CUUUUGUG CUGAUGAG GCCGUUAGGC CGAA ICAGACAA	30346
9792	1238	GUCUGCAC A CAAAAGCU	11972	AGCUUUUG CUGAUGAG GCCGUUAGGC CGAA IUGCAGAC	30347
9794	1236	CUGCACAC A AAAGCUGG	11973	CCAGCUUU CUGAUGAG GCCGUUAGGC CGAA IUGUGCAG	30348
9800	1230	ACAAAAGC U GGGUCAGC	11974	GCUGACCC CUGAUGAG GCCGUUAGGC CGAA ICUUUUGU	30349
9806	1224	GCUGGGUC A GCACGUUU	11975	AAACGUGC CUGAUGAG GCCGUUAGGC CGAA IACCCAGC	30350
9809	1221	GGGUCAGC A CGUUUGUC	11976	GACAAACG CUGAUGAG GCCGUUAGGC CGAA ICUGACCC	
					30351
9818	1212	CGUUUGUC A UUGUGAGC	11977	GCUCACAA CUGAUGAG GCCGUUAGGC CGAA IACAAACG	30352
9827	1203	UUGUGAGC U UCUCCCAU	11978	AUGGGAGA CUGAUGAG GCCGUUAGGC CGAA ICUCACAA	30353
9830	1200	UGAGCUUC U CCCAUGGU	11979	ACCAUGGG CUGAUGAG GCCGUUAGGC CGAA IAAGCUCA	30354
9832	1198	AGCUUCUC C CAUGGUCG	11980	CGACCAUG CUGAUGAG GCCGUUAGGC CGAA IAGAAGCU	30355
9833	1197	GCUUCUCC C AUGGUCGG	11981	CCGACCAU CUGAUGAG GCCGUUAGGC CGAA IGAGAAGC	30356
9834	1196	CUUCUCCC A UGGUCGGG	11982	CCCGACCA CUGAUGAG GCCGUUAGGC CGAA IGGAGAAG	30357
9844	1186	GGUCGGGC A CGCAGCUU	11983	AAGCUGCG CUGAUGAG GCCGUUAGGC CGAA ICCCGACC	30358
9848	1182	GGGCACGC A GCUUUGGU	11984	ACCAAAGC CUGAUGAG GCCGUUAGGC CGAA ICGUGCCC	30359
9851	1179	CACGCAGC U UUGGUGGA	11985	UCCACCAA CUGAUGAG GCCGUUAGGC CGAA ICUGCGUG	30360
9868		GAGAUCGC U GACGGUAG			+
<del></del>	1162		11986	CUACCGUC CUGAUGAG GCCGUUAGGC CGAA ICGAUCUC	30361
9878	1152	ACGGUAGC C AAAUAGCA	11987	UGCUAUUU CUGAUGAG GCCGUUAGGC CGAA ICUACCGU	30362
9879	1151	CGGUAGCC A AAUAGCAA	11988	UUGCUAUU CUGAUGAG GCCGUUAGGC CGAA IGCUACCG	30363
9886	1144	CAAAUAGC A AUAACUGC	11989	GCAGUUAU CUGAUGAG GCCGUUAGGC CGAA ICUAUUUG	30364
9892	1138	GCAAUAAC U GCGGACCU	11990	AGGUCCGC CUGAUGAG GCCGUUAGGC CGAA IUUAUUGC	30365
9899	1131	CUGCGGAC C UCUGCCAG	11991	CUGGCAGA CUGAUGAG GCCGUUAGGC CGAA IUCCGCAG	30366
9900	1130	UGCGGACC U CUGCCAGG	11992	CCUGGCAG CUGAUGAG GCCGUUAGGC CGAA IGUCCGCA	30367
9902	1128	CGGACCUC U GCCAGGUU	11993	AACCUGGC CUGAUGAG GCCGUUAGGC CGAA IAGGUCCG	30368
9905	1125	ACCUCUGC C AGGUUGAC	11994	GUCAACCU CUGAUGAG GCCGUUAGGC CGAA ICAGAGGU	30369
9906	1124	CCUCUGCC A GGUUGACC	11995	GGUCAACC CUGAUGAG GCCGUUAGGC CGAA ICAGAGGG	
9914					30370
-	1116	AGGUUGAC C GCCUCCAU	11996	AUGGAGGC CUGAUGAG GCCGUUAGGC CGAA IUCAACCU	30371
9917	1113	UUGACCGC C UCCAUAUU	11997	AAUAUGGA CUGAUGAG GCCGUUAGGC CGAA ICGGUCAA	30372
9918	1112	UGACCGCC U CCAUAUUC	11998	GAAUAUGG CUGAUGAG GCCGUUAGGC CGAA IGCGGUCA	30373
9920	1110	ACCGCCUC C AUAUUCAU	11999	AUGAAUAU CUGAUGAG GCCGUUAGGC CGAA IAGGCGGU	30374
9921	1109	CCGCCUCC A UAUUCAUC	12000	GAUGAAUA CUGAUGAG GCCGUUAGGC CGAA IGAGGCGG	30375
9927	1103	CCAUAUUC A UCAUCUUC	12001	GAAGAUGA CUGAUGAG GCCGUUAGGC CGAA IAAUAUGG	30376
9930	1100	UAUUCAUC A UCUUCACA	12002	UGUGAAGA CUGAUGAG GCCGUUAGGC CGAA IAUGAAUA	30377
9933	1097	UCAUCAUC U UCACAUCG	12003	CGAUGUGA CUGAUGAG GCCGUUAGGC CGAA IAUGAUGA	
9936	1094	UCAUCUUC A CAUCGAUG			30378
			12004	CAUCGAUG CUGAUGAG GCCGUUAGGC CGAA IAAGAUGA	30379
9938	1092	AUCUUCAC A UCGAUGGU	12005	ACCAUCGA CUGAUGAG GCCGUUAGGC CGAA IUGAAGAU	30380
9951	1079	UGGUAGGC U UGUCCUUA	12006	UAAGGACA CUGAUGAG GCCGUUAGGC CGAA ICCUACCA	30381
9956	1074	GGCUUGUC C UUAGACAU	12007	AUGUCUAA CUGAUGAG GCCGUUAGGC CGAA IACAAGCC	30382

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9957	1073	GCUUGUCC U UAGACAUG	12008	CAUGUCUA CUGAUGAG GCCGUUAGGC CGAA IGACAAGC	30383
9963	1067	CCUUAGAC A UGAUAGUC	12009	GACUAUCA CUGAUGAG GCCGUUAGGC CGAA IUCUAAGG	30384
9972	1058	UGAUAGUC A CGCAGCUG	12010	CAGCUGCG CUGAUGAG GCCGUUAGGC CGAA IACUAUCA	30385
9976	1054	AGUCACGC A GCUGUCGC	12011	GCGACAGC CUGAUGAG GCCGUUAGGC CGAA ICGUGACU	30386
9979	1051	CACGCAGC U GUCGCCUU	12012	AAGGCGAC CUGAUGAG GCCGUUAGGC CGAA ICUGCGUG	30387
9985	1045	GCUGUCGC C UUCGAGAA	12013	UUCUCGAA CUGAUGAG GCCGUUAGGC CGAA ICGACAGC	30388
9986	1044	CUGUCGCC U UCGAGAAC	12014	GUUCUCGA CUGAUGAG GCCGUUAGGC CGAA IGCGACAG	30389
9995	1035	UCGAGAAC C AAAUCCAC	12015	GUGGAUUU CUGAUGAG GCCGUUAGGC CGAA IUUCUCGA	30390
9996	1034	CGAGAACC A AAUCCACC	12016	GGUGGAUU CUGAUGAG GCCGUUAGGC CGAA IGUUCUCG	30391
10001	1029	ACCAAAUC C ACCCAUGU	12017	ACAUGGGU CUGAUGAG GCCGUUAGGC CGAA IAUUUGGU	30392
10002	1028	CCAAAUCC A CCCAUGUU	12018	AACAUGGG CUGAUGAG GCCGUUAGGC CGAA IGAUUUGG	30393
10004	1026	AAAUCCAC C CAUGUUGC	12019	GCAACAUG CUGAUGAG GCCGUUAGGC CGAA IUGGAUUU	30394
10005	1025	AAUCCACC C AUGUUGCU	12020	AGCAACAU CUGAUGAG GCCGUUAGGC CGAA IGUGGAUU	30395
10006	1024	AUCCACCC A UGUUGCUC	12021	GAGCAACA CUGAUGAG GCCGUUAGGC CGAA IGGUGGAU	30396
10013	1017	CAUGUUGC U CCAGACAC	12022	GUGUCUGG CUGAUGAG GCCGUUAGGC CGAA ICAACAUG	30397
10015	1015	UGUUGCUC C AGACACUC	12023	GAGUGUCU CUGAUGAG GCCGUUAGGC CGAA IAGCAACA	30398
10016	1014	GUUGCUCC A GACACUCC	12024	GGAGUGUC CUGAUGAG GCCGUUAGGC CGAA IGAGCAAC	30399
10020	1010	CUCCAGAC A CUCCUUCC	12025	GGAAGGAG CUGAUGAG GCCGUUAGGC CGAA IUCUGGAG	30400
10023	1008	CCAGACAC U CCUUCCAA	12026	UUGGAAGG CUGAUGAG GCCGUUAGGC CGAA IUGUCUGG	30400
10024	1006	AGACACUC C UUCCAAGA	12027	UCUUGGAA CUGAUGAG GCCGUUAGGC CGAA IAGUGUCU	30401
10025	1005	GACACUCC U UCCAAGAA	12027	UUCUUGGA CUGAUGAG GCCGUUAGGC CGAA IGAGUGUC	30402
10028	1003	ACUCCUUC C AAGAAGUC	12028		
10028	1002	CUCCUUCC A AGAAGUCU	12029		30404
10029	993	AAGAAGUC U CUGUUGCU	12030		30405
10037	991	GAAGUCUC U GUUGCUCA			30406
10035			12032		30407
10045	985	UCUGUUGC U CAUUCCAA	12033	UUGGAAUG CUGAUGAG GCCGUUAGGC CGAA ICAACAGA	30408
	983	UGUUGCUC A UUCCAAGG	12034	CCUUGGAA CUGAUGAG GCCGUUAGGC CGAA IAGCAACA	30409
10051	979	GCUCAUUC C AAGGCAGU	12035	ACUGCCUU CUGAUGAG GCCGUUAGGC CGAA IAAUGAGC	30410
10052	978	CUCAUUCC A AGGCAGUU	12036	AACUGCCU CUGAUGAG GCCGUUAGGC CGAA IGAAUGAG	30411
10057	973	UCCAAGGC A GUUGAAGC	12037	GCUUCAAC CUGAUGAG GCCGUUAGGC CGAA ICCUUGGA	30412
10066	964	GUUGAAGC U GUAAGCUG	12038	CAGCUUAC CUGAUGAG GCCGUUAGGC CGAA ICUUCAAC	30413
10073	957	CUGUAAGC U GGGGCCAC	12039	GUGGCCCC CUGAUGAG GCCGUUAGGC CGAA ICUUACAG	30414
10079	951	GCUGGGGC C ACCAAAAG	12040	CUUUUGGU CUGAUGAG GCCGUUAGGC CGAA ICCCCAGC	30415
10080	950	CUGGGGCC A CCAAAAGC	12041	GCUUUUGG CUGAUGAG GCCGUUAGGC CGAA IGCCCCAG	30416
10082	948	GGGGCCAC C AAAAGCAA	12042	UUGCUUUU CUGAUGAG GCCGUUAGGC CGAA IUGGCCCC	30417
10083	947	GGGCCACC A AAAGCAAU	12043	AUUGCUUU CUGAUGAG GCCGUUAGGC CGAA IGUGGCCC	30418
10089	941	CCAAAAGC A AUAGCACG	12044	CGUGCUAU CUGAUGAG GCCGUUAGGC CGAA ICUUUUGG	30419
10095	935	GCAAUAGC A CGACAAAC	12045	GUUUGUCG CUGAUGAG GCCGUUAGGC CGAA ICUAUUGC	30420
10100	930	AGCACGAC A AACACAAC	12046	GUUGUGUU CUGAUGAG GCCGUUAGGC CGAA IUCGUGCU	30421
10104	926	CGACAAAC A CAACUCUC	12047	GAGAGUUG CUGAUGAG GCCGUUAGGC CGAA IUUUGUCG	30422
10106	924	ACAAACAC A ACUCUCUG	12048	CAGAGAGU CUGAUGAG GCCGUUAGGC CGAA IUGUUUGU	30423
10109	921	AACACAAC U CUCUGCAU	12049	AUGCAGAG CUGAUGAG GCCGUUAGGC CGAA IUUGUGUU	30424
10111	919	CACAACUC U CUGCAUGG	12050	CCAUGCAG CUGAUGAG GCCGUUAGGC CGAA IAGUUGUG	30425
10113	917	CAACUCUC U GCAUGGUG	12051	CACCAUGC CUGAUGAG GCCGUUAGGC CGAA IAGAGUUG	30426
10116	914	CUCUCUGC A UGGUGUUG	12052	CAACACCA CUGAUGAG GCCGUUAGGC CGAA ICAGAGAG	30427
10126	904	GGUGUUGC U CCCAAGCA	12053	UGCUUGGG CUGAUGAG GCCGUUAGGC CGAA ICAACACC	30428
10128	902	UGUUGCUC C CAAGCAUC	12054	GAUGCUUG CUGAUGAG GCCGUUAGGC CGAA IAGCAACA	30429
10129	901	GUUGCUCC C AAGCAUCC	12055	GGAUGCUU CUGAUGAG GCCGUUAGGC CGAA IGAGCAAC	30430
10130	900	UUGCUCCC A AGCAUCCA	12056	UGGAUGCU CUGAUGAG GCCGUUAGGC CGAA IGGAGCAA	30431
10134	896	UCCCAAGC A UCCAACCA	12057	UGGUUGGA CUGAUGAG GCCGUUAGGC CGAA ICUUGGGA	30432
10137	893	CAAGCAUC C AACCAAUG	12058	CAUUGGUU CUGAUGAG GCCGUUAGGC CGAA IAUGCUUG	30433
10138	892	AAGCAUCC A ACCAAUGA	12059	UCAUUGGU CUGAUGAG GCCGUUAGGC CGAA IGAUGCUU	30434
10141	889	CAUCCAAC C AAUGACGG	12060	CCGUCAUU CUGAUGAG GCCGUUAGGC CGAA IUUGGAUG	30435
10142	888	AUCCAACC A AUGACGGC	12061	GCCGUCAU CUGAUGAG GCCGUUAGGC CGAA IGUUGGAU	30436
10151	879	AUGACGGC U GCCACCAG	12062	CUGGUGGC CUGAUGAG GCCGUUAGGC CGAA ICCGUCAU	30437
10154	876	ACGGCUGC C ACCAGGGC	12063	GCCCUGGU CUGAUGAG GCCGUUAGGC CGAA ICAGCCGU	30438
10155	875	CGGCUGCC A CCAGGGCA	12064	UGCCCUGG CUGAUGAG GCCGUUAGGC CGAA IGCAGCCG	30439
10157	873	GCUGCCAC C AGGGCAUA	12065	UAUGCCCU CUGAUGAG GCCGUUAGGC CGAA IUGGCAGC	30440
10158	872	CUGCCACC A GGGCAUAU	12066	AUAUGCCC CUGAUGAG GCCGUUAGGC CGAA IGUGGCAG	30441
10163	867	ACCAGGGC A UAUCCAGG	12067	CCUGGAUA CUGAUGAG GCCGUUAGGC CGAA ICCCUGGU	30442
10168	862	GGCAUAUC C AGGGUUCC	12068	GGAACCCU CUGAUGAG GCCGUUAGGC CGAA IAUAUGCC	30443

10169	861	GCAUAUCC A GGGUUCCU	12069	AGGAACCC CUGAUGAG GCCGUUAGGC CGAA IGAUAUGC	30444
10176	854	CAGGGUUC C UCAAGAUC	12070	GAUCUUGA CUGAUGAG GCCGUUAGGC CGAA IAACCCUG	30445
10177	853	AGGGUUCC U CAAGAUCC	12071	GGAUCUUG CUGAUGAG GCCGUUAGGC CGAA IGAACCCU	30446
10179	851	GGUUCCUC A AGAUCCAU	12072	AUGGAUCU CUGAUGAG GCCGUUAGGC CGAA IAGGAACC	30447
10185	845	UCAAGAUC C AUGAUUCU	12073	AGAAUCAU CUGAUGAG GCCGUUAGGC CGAA IAUCUUGA	30448
10186	844	CAAGAUCC A UGAUUCUG	12074	CAGAAUCA CUGAUGAG GCCGUUAGGC CGAA IGAUCUUG	30449
10193	837	CAUGAUUC U GUUUUUAC	12075	GUAAAAAC CUGAUGAG GCCGUUAGGC CGAA IAAUCAUG	30450
10202	828	GUUUUUAC C AAAUACCU	12076	AGGUAUUU CUGAUGAG GCCGUUAGGC CGAA IUAAAAAC	30451
10203	827	UUUUUACC A AAUACCUU	12077	AAGGUAUU CUGAUGAG GCCGUUAGGC CGAA IGUAAAAA	30452
10209	821	CCAAAUAC C UUGUGGCC	12078	GGCCACAA CUGAUGAG GCCGUUAGGC CGAA IUAUUUGG	30453
10210	820	CAAAUACC U UGUGGCCU	12079	AGGCCACA CUGAUGAG GCCGUUAGGC CGAA IGUAUUUG	30454
10217	813	CUUGUGGC C UUGGUGCU	12080	AGCACCAA CUGAUGAG GCCGUUAGGC CGAA ICCACAAG	30455
10218	812	UUGUGGCC U UGGUGCUG	12081	CAGCACCA CUGAUGAG GCCGUUAGGC CGAA IGCCACAA	30456
10225	805	CUUGGUGC U GUCCAUCC	12082	GGAUGGAC CUGAUGAG GCCGUUAGGC CGAA ICACCAAG	30457
10229	801	GUGCUGUC C AUCCAAGC	12083	GCUUGGAU CUGAUGAG GCCGUUAGGC CGAA IACAGCAC	30458
	800	UGCUGUCC A UCCAAGCC	12084	GGCUUGGA CUGAUGAG GCCGUUAGGC CGAA IGACAGCA	30459
10230		UGUCCAUC C AAGCCCCC	12085	GGGGGCUU CUGAUGAG GCCGUUAGGC CGAA IAUGGACA	30450
10233	797			AGGGGGCU CUGAUGAG GCCGUUAGGC CGAA IGAUGGAC	30461
10234	796	GUCCAUCC A AGCCCCCU	12086	AAGAAGGG CUGAUGAG GCCGUUAGGC CGAA ICUUGGAU	<del>  </del>
10238	792	AUCCAAGC C CCCUUCUU	12087		30462
10239	791	UCCAAGCC C CCUUCUUG	12088	CAAGAAGG CUGAUGAG GCCGUUAGGC CGAA IGCUUGGA	30463
10240	790	CCAAGCCC C CUUCUUGU	12089	ACAAGAAG CUGAUGAG GCCGUUAGGC CGAA IGGCUUGG	30464
10241	789	CAAGCCCC C UUCUUGUU	12090	AACAAGAA CUGAUGAG GCCGUUAGGC CGAA IGGGCUUG	30465
10242	788	AAGCCCCC U UCUUGUUC	12091	GAACAAGA CUGAUGAG GCCGUUAGGC CGAA IGGGGCUU	30466
10245	785	CCCCCUUC U UGUUCGCU	12092	AGCGAACA CUGAUGAG GCCGUUAGGC CGAA IAAGGGGG	30467
10253	777	UUGUUCGC U AGAGUGCU	12093	AGCACUCU CUGAUGAG GCCGUUAGGC CGAA ICGAACAA	30468
10261	769	UAGAGUGC U UUCUCCGU	12094	ACGGAGAA CUGAUGAG GCCGUUAGGC CGAA ICACUCUA	30469
10265	765	GUGCUUUC U CCGUGUGU	12095	ACACACGG CUGAUGAG GCCGUUAGGC CGAA IAAAGCAC	30470
10267	763	GCUUUCUC C GUGUGUCU	12096	AGACACAC CUGAUGAG GCCGUUAGGC CGAA IAGAAAGC	30471
10275	755	CGUGUGUC U GCACUGUC	12097	GACAGUGC CUGAUGAG GCCGUUAGGC CGAA IACACACG	30472
10278	752	GUGUCUGC A CUGUCAGU	12098	ACUGACAG CUGAUGAG GCCGUUAGGC CGAA ICAGACAC	30473
10280	750	GUCUGCAC U GUCAGUGA	12099	UCACUGAC CUGAUGAG GCCGUUAGGC CGAA IUGCAGAC	30474
10284	746	GCACUGUC A GUGACCUC	12100	GAGGUCAC CUGAUGAG GCCGUUAGGC CGAA IACAGUGC	30475
10290	740	UCAGUGAC C UCCGACUG	12101	CAGUCGGA CUGAUGAG GCCGUUAGGC CGAA IUCACUGA	30476
10291	739	CAGUGACC U CCGACUGC	12102	GCAGUCGG CUGAUGAG GCCGUUAGGC CGAA IGUCACUG	30477
10293	737	GUGACCUC C GACUGCGU	12103	ACGCAGUC CUGAUGAG GCCGUUAGGC CGAA IAGGUCAC	30478
10297	733	CCUCCGAC U GCGUCUUG	12104	CAAGACGC CUGAUGAG GCCGUUAGGC CGAA IUCGGAGG	30479
10303	727	ACUGCGUC U UGAGUGGC	12105	GCCACUCA CUGAUGAG GCCGUUAGGC CGAA IACGCAGU	30480
10317	713	GGCGUGUC U UGGUGCAU	12106	AUGCACCA CUGAUGAG GCCGUUAGGC CGAA IACACGCC	30481
10324	706	CUUGGUGC A UCUUCCAU	12107	AUGGAAGA CUGAUGAG GCCGUUAGGC CGAA ICACCAAG	30482
10327	703	GGUGCAUC U UCCAUACC	12108	GGUAUGGA CUGAUGAG GCCGUUAGGC CGAA IAUGCACC	30483
		GCAUCUUC C AUACCUGA	12109	UCAGGUAU CUGAUGAG GCCGUUAGGC CGAA IAAGAUGC	30484
10330	700 699	CAUCUUCC A UACCUGAC	<u> </u>	GUCAGGUA CUGAUGAG GCCGUUAGGC CGAA IGAAGAUG	30485
10331		<del></del>	12110	CUACGUCA CUGAUGAG GCCGUUAGGC CGAA IUAUGGAA	
10335	695	UUCCAUAC C UGACGUAG	12111		30486
10336	694	UCCAUACC U GACGUAGA	12112	UCUACGUC CUGAUGAG GCCGUUAGGC CGAA IGUAUGGA	30487
10346	684	ACGUAGAC U GCUGACUU	12113	AAGUCAGC CUGAUGAG GCCGUUAGGC CGAA IUCUACGU	30488
10349	681	UAGACUGC U GACUUUGU	12114	ACAAAGUC CUGAUGAG GCCGUUAGGC CGAA ICAGUCUA	30489
10353	677	CUGCUGAC U UUGUGCAC	12115	GUGCACAA CUGAUGAG GCCGUUAGGC CGAA IUCAGCAG	30490
10360	670	CUUUGUGC A CCAACAGU	12116	ACUGUUGG CUGAUGAG GCCGUUAGGC CGAA ICACAAAG	30491
10362	668	UUGUGCAC C AACAGUCG	12117	CGACUGUU CUGAUGAG GCCGUUAGGC CGAA IUGCACAA	30492
10363	667	UGUGCACC A ACAGUCGA	12118	UCGACUGU CUGAUGAG GCCGUUAGGC CGAA IGUGCACA	30493
10366		GCACCAAC A GUCGAUGU	12119	ACAUCGAC CUGAUGAG GCCGUUAGGC CGAA IUUGGUGC	30494
10376		UCGAUGUC U UCUGGAUC	12120	GAUCCAGA CUGAUGAG GCCGUUAGGC CGAA IACAUCGA	30495
10379	651	AUGUCUUC U GGAUCAUU	12121	AAUGAUCC CUGAUGAG GCCGUUAGGC CGAA IAAGACAU	30496
10385	645	UCUGGAUC A UUACCAGC	12122	GCUGGUAA CUGAUGAG GCCGUUAGGC CGAA IAUCCAGA	30497
10390	640	AUCAUUAC C AGCCGACA	12123	UGUCGGCU CUGAUGAG GCCGUUAGGC CGAA IUAAUGAU	30498
10391	639	UCAUUACC A GCCGACAG	12124	CUGUCGGC CUGAUGAG GCCGUUAGGC CGAA IGUAAUGA	30499
10394	636	UUACCAGC C GACAGCAC	12125	GUGCUGUC CUGAUGAG GCCGUUAGGC CGAA ICUGGUAA	30500
10398	632	CAGCCGAC A GCACUGGG	12126	CCCAGUGC CUGAUGAG GCCGUUAGGC CGAA IUCGGCUG	30501
10401		CCGACAGC A CUGGGCAU	12127	AUGCCCAG CUGAUGAG GCCGUUAGGC CGAA ICUGUCGG	30502
10403	627	GACAGCAC U GGGCAUUC	12128	GAAUGCCC CUGAUGAG GCCGUUAGGC CGAA IUGCUGUC	30503
10408		CACUGGGC A UUCAUAAG	12129	CUUAUGAA CUGAUGAG GCCGUUAGGC CGAA ICCCAGUG	30504
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#### WO 02/068637 PCT/US01/48350 Table IX

19512  518   600FCADUC A MARADOMO   12131   ADDICTOR AGRADAGE (CORDINAGE) CORA FADACUMA   36561   104372   558   AUDICANCIO A UCOCACAO   12131   ADDICTOR AGRADAGE (CORDINAGE) CORA FADACUMA   36561   10434   556   CAUCOCACA   AUDICANCO   12133   600BANCA CURADARRA (CORDINAGE) CORA FUCACIONA   36561   10441   559   CAUCOCACA   AUDICANCO   12134   12135   CAUCOCACA   AUDICANCO   13514   10560   10441   559   CAUCOCACA   AUDICANCO   12135   AUDICANCO   CURADARRA (CORDINAGE) (CORA FUCACIONA)   36561   10443   557   UCUTANCO   CACAUCOCA   12135   AUDICANCO   CACAUCOCA   30510   10443   557   UCUTANCO   CACAUCOCA   12135   AUDICANCO   CACAUCOCA   30510   10443   557   UCUTANCO   AUCOCAMO   12136   AUDICANCO   CACAUCOCA   30510   10445   556   UCUTANCO   AUCOCAMO   12137   CACAUCOCA   GORGO   CORDINAGE (CORDINAGE) (CORDINAGE) (CORDINAGE)   CORACINCO   AUDICANCO   12137   CACAUCOCA   CORDINAGE   CORACINCO   CACAUCOCA   12139   CARAGORO   CURADARRA (COCAUCAGE) (CORAL FURGACIONA   30510   10449   551   CACAUCOCA   UCUACANA   12140   CACAUCOCA   CORACAGO   CURADARRA (CORACAGO   CURADARRA   CORACAGO   CURADARRA   CORACAGO   CURADARRA   CORACAGO   CURADARRA   CORACAGO   CURADARRA   CORACAGO   CURADARRA   CORACAGO   CURADARRA	<del></del>		1			
1942   598   AUDICICE A CAUGUNIC   2123   GRANAGAU CUARRAG GECQUILAGE CRAN TOCARRAG   37557   1941   599   CAUGUNIC C A CAUCACA   1213   GRANAGAU CUARRAG GECQUILAGE CRAN TOCARRAG   37558   1941   599   CAUGUNIC C ACAUCACA   1213   UGRANAGU CUARRAG GECQUILAGE CRAN TAURACH   37551   1941   597   UGRANAGA   AUCANDOC   1213   AUGRANAGU CUARRAG GECQUILAGE CRAN TAURACH   37551   1943   597   UGRANAGA   AUCANDOC   1213   AUGRANAGU CUARRAG GECQUILAGE CRAN TAURACH   37551   1944   598   VANICECCA   AUCANDOC   1213   AUGRANAGU CUARRAG GECQUILAGE CRAN TAURACH   37551   1944   597   UGRANAGA   AUCANDOC   1213   AUGRANAGA CUARRAG GECQUILAGE CRAN TAURACH   37551   1944   598   CACAUCAC   AUGRANAG   1213   CARAGARAG CUARRAG GECQUILAGE CRAN TAURACH   37551   1944   598   CECAURC C AURCCUU   1213   CARAGARAG CUARRAG GECQUILAGE CRAN TAURACH   37551   1945   597   COLUNIOC U CUARRAGA   1214   CAURAGA CURRADAG GECQUILAGE CRAN TARRAGA   37551   1945   597   COLUNIOC U CUARRAGA   1214   CAURAGA CURRADAG GECQUILAGE CRAN TARRAGA   37551   1945   597   COLUNIOC U CUARRAGA   1214   CAURAGA CURRADAG GECQUILAGE CRAN TARRAGA   37551   1947   593   GUILLUTE C ARCAGARU   1214   CAURAGA CURRADAG GECQUILAGE CRAN TARRAGA   37551   1947   593   GUILLUTE C ARCAGARU   1214   CAURAGA CURRADAG GECQUILAGE CRAN TARRAGA   37551   1947   593   GUILLUTE C ARCAGARU   1214   CAURAGA CURRADAG GECQUILAGE CRAN TARRAGA   37551   1947   593   GUILLUTE C ARCAGARU   1214   GUILLAGA CURRADAG GECQUILAGE CRAN TARRAGA   37551   1947   593   GUILLUTE C ARCAGARU   1214   GUILLAGA CURRADAG GECQUILAGE CRAN TARGA   37551   1947   593   GUILLUTE C ARCAGARU   1214   GUILLAGA CURRADAG GECQUILAGE CRAN TARGA   37551   1947   593   GUILLUTE C ARCAGARU   1214   GUILLAGA CURRADAG GECQUILAGE CRAN TARGA   37551   1947   594   TULLUTE CRAN TARGA CURRADAG CURRADAG GECQUILAGE CRAN TARGA   37551   1947   594   TULLUTE CRAN TARGA CURRADAG CURRADAG GECQUILAGE CRAN TARGA   37551   1947   594   TULLUTE CRAN TARGA CURRADAG CURRADAG GECQUILAGE CRAN TARGA   37551   1947   594   TULLUTE CRAN	10412	618	GGGCAUUC A UAAGUGAU	12130	AUCACUUA CUGAUGAG GCCGUUAGGC CGAA IAAUGCCC	30505
1944  596			<del></del>			30506
1941   589	10432	598	<del></del>	12132	GAUACAUG CUGAUGAG GCCGUUAGGC CGAA ICGAUGAU	30507
19442   588	10434	596	CAUCGCAC A UGUAUCCC	12133	GGGAUACA CUGAUGAG GCCGUUAGGC CGAA IUGCGAUG	30508
19445   587	10441	589	CAUGUAUC C CACAUCCA	12134	UGGAUGUG CUGAUGAG GCCGUUAGGC CGAA IAUACAUG	30509
19446   585	10442	588	AUGUAUCC C ACAUCCAU	12135	AUGGAUGU CUGAUGAG GCCGUUAGGC CGAA IGAUACAU	30510
1944    582	10443	587	UGUAUCCC A CAUCCAUU	12136	AAUGGAUG CUGAUGAG GCCGUUAGGC CGAA IGGAUACA	30511
1949  581  CCACAUCC & UUGCUCUG   12191	10445	585	UAUCCCAC A UCCAUUGC	12137	GCAAUGGA CUGAUGAG GCCGUUAGGC CGAA IUGGGAUA	30512
1944   591	10448	582	CCCACAUC C AUUGCUCU	12138	AGAGCAAU CUGAUGAG GCCGUUAGGC CGAA IAUGUGGG	30513
10456   576	10449	581	CCACAUCC A UUGCUCUG	12139	CAGAGCAA CUGAUGAG GCCGUUAGGC CGAA IGAIGUGG	
10456   574	10454	576	UCCAUUGC U CUGACAAU	12140		
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10505   528	<u> </u>		<del> </del>			30522
10516   525			<del></del>			30523
10514   516			<del> </del>	12149	GUCACAGA CUGAUGAG GCCGUUAGGC CGAA IUCAUCAC	30524
10520   510		525	AUGACAUC U GUGACGUC	12150	GACGUCAC CUGAUGAG GCCGUUAGGC CGAA IAUGUCAU	30525
10526   504	10514	516	GUGACGUC A GUAGCAUU	12151	AAUGCUAC CUGAUGAG GCCGUUAGGC CGAA IACGUCAC	30526
10530   500	10520	510	UCAGUAGC A UUUACCGU	12152	ACGGUAAA CUGAUGAG GCCGUUAGGC CGAA ICUACUGA	30527
10533	10526	504	GCAUUUAC C GUCAUCAU	12153	AUGAUGAC CUGAUGAG GCCGUUAGGC CGAA IUAAAUGC	30528
10533	10530	500	UUACCGUC A UCAUCACC	12154	GGUGAUGA CUGAUGAG GCCGUUAGGC CGAA IACGGUAA	30529
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10571   459   ACUGCUCC U ACGCUGGC   12165   GCCAGCGU CUGAUGAG   GCCGUUAGGC   CGAA IGAGCAGU   30540   10576   454   UCCUACGC U GGCGAUCA   12166   UGAUCGCC CUGAUGAG   GCCGUUAGGC   CGAA ICGUAGGA   30541   10584   446   UGGCGAUC A   GGCCAAUC   12167   GAUUGGCC   CUGAUGAG   GCCGUUAGGC   CGAA IAUCGCCA   30542   10588   442   GAUCAGGC   CAAUCAUGA   12168   UCAUGAUU   CUGAUGAG   GCCGUUAGGC   CGAA IAUCGCCA   30542   10588   441   AUCAGGCC   AUCAUGAC   12169   GUCAUGAU   CUGAUGAG   GCCGUUAGGC   CGAA ICCUGAUCA   30544   10593   437   GGCCAAUC   A UGAUGAC   12170   UGCAUGAU   CUGAUGAG   GCCGUUAGGC   CGAA IAUUGGCC   30545   10598   432   AUCAUGAC   U GCAAUUCC   12171   GGAAUUGC   CUGAUGAG   GCCGUUAGGC   CGAA IAUUGGCC   30545   10598   432   AUCAUGAC   U GCAAUUCC   12171   GGAAUUGC   CUGAUGAG   GCCGUUAGGC   CGAA ICCAUGAU   30546   10601   429   AUGACUGC   A AUUCCGGU   12172   ACCGGAAU   CUGAUGAG   GCCGUUAGGC   CGAA ICAGUCAU   30547   10606   424   UGCAAUUC   C GGUCUUUC   12174   AGGAGGAA   CUGAUGAG   GCCGUUAGGC   CGAA IAAUUGCA   30548   10611   419   UUCCGGUC   U UUCCUCCU   12174   AGGAGGAA   CUGAUGAG   GCCGUUAGGC   CGAA IAAUGCA   30549   10615   415   GGUCUUC   C CUCUUUU   12175   AAAGAGG   CUGAUGAG   GCCGUUAGGC   CGAA IAAAGAC   30550   10616   414   GUCUUUCC   U CUCUUUUU   12176   AAAGAGG   CUGAUGAG   GCCGUUAGGC   CGAA IAAGAC   30551   10618   412   CUUUCCUC   C UCUUUUU   12177   AGAAAGAC   CUGAUGAG   GCCGUUAGGC   CGAA IAAGACC   30551   10619   411   UUUCCUCC   U UUUUUUU   12177   AAAAAAA   CUGAUGAG   GCCGUUAGGC   CGAA IAAGAAC   30553   10621   409   UCCUCCUC   U UUUUUUU   12178   AAGAAAA   CUGAUGAG   GCCGUUAGGC   CGAA IAAGAGA   30553   10621   409   UCCUCCUC   U UUUUUUU   12178   AAGAAAA   CUGAUGAG   GCCGUUAGGC   CGAA IAAGAGA   30553   10621   409   UCCUCCUC   U UUUUUUU   12180   AAAACAAA   CUGAUGAG   GCCGUUAGGC   CGAA IAAGAGA   30553   10621   409   UCCUCCUC   U UUUUUUU   12180   AAAACAAA   CUGAUGAG   GCCGUUAGGC   CGAA IAAGAGA   305551   10644   386   AGCUCGC   C GAUGAGAG   12181   AUCGGCG   CUGAUGAG   GCCGUUAGGC   CGA	<del></del>		<del> </del>			
10576			<del>                                     </del>			
10584   446						
10588			<u> </u>	<del></del>		30541
10589				<del></del>		30542
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10598   432   AUCAUGAC U GCAAUUCC   12171   GGAAUUGC CUGAUGAG GCCGUUAGGC CGAA IUCAUGAU   30546   10601   429   AUGACUGC A AUUCCGGU   12172   ACCGGAAU CUGAUGAG GCCGUUAGGC CGAA ICAGUCAU   30547   10606   424   UGCAAUUC C GGUCUUC   12173   GAAAGAC CUGAUGAG GCCGUUAGGC CGAA IAAUUGCA   30548   10611   419   UUCCGGUC U UUCCUCU   12174   AGGAGGAA CUGAUGAG GCCGUUAGGC CGAA IAAUUGCA   30549   10615   415   GGUCUUUC C UCCUCUUU   12175   AAAGAGGA CUGAUGAG GCCGUUAGGC CGAA IAAGACC   30550   10616   414   GUCUTUCC U CCUCUUU   12176   AAAAGAGG CUGAUGAG GCCGUUAGGC CGAA IAAGACC   30551   10618   412   CUUUCCUC C UCUUTUUC   12177   AGAAAGAG CUGAUGAG GCCGUUAGGC CGAA IAGGAAAG   30552   10619   411   UUUCCUCC U CUUUTUUU   12178   AAGAAAGA CUGAUGAG GCCGUUAGGC CGAA IAGGAAAG   30553   10621   409   UCCUCCUC U UUUUCUUU   12179   AAAAGAAA CUGAUGAG GCCGUUAGGC CGAA IAGGAGAA   30553   10626   404   CUCUUUUC U UUUGUUUU   12180   AAAACAAA CUGAUGAG GCCGUUAGGC CGAA IAGAAGAG   30555   10639   391   UUUUGAGC U CCGCCGAU   12181   AUCGGCG CUGAUGAG GCCGUUAGGC CGAA IAAAAGAG   30556   10641   389   UUGAGCUC C GCCGAUUG   12182   CAAUCGGC CUGAUGAG GCCGUUAGGC CGAA IAGCUCAA   30557   10644   386   AGCUCCGC C GAUUGAUA   12183   UAUCCAUC CUGAUGAG GCCGUUAGGC CGAA IAGCUCAA   30557   10644   386   AGCUCCGC C GAUUGAUA   12183   UAUCCAUC CUGAUGAG GCCGUUAGGC CGAA IAGCUCAA   30557   10644   386   AGCUCCGC C GAUUGAUA   12183   UAUCCAUC CUGAUGAG GCCGUUAGGC CGAA IACCAGAG   30557   106657   373   GAUAGCAC U GGUCAAG   12185   CCUUGACC CUGAUGAG GCCGUUAGGC CGAA ICCUACAA   30559   10657   373   GAUAGCAC U GGUCAAG   12185   CCUUGACC CUGAUGAG GCCGUUAGGC CGAA ICCUACAA   30556   10666   362   UCAAGGUC C CUAGUUCC   12186   AGGAACUA CUGAUGAG GCCGUUAGGC CGAA IACCAUGA   30560   10666   362   UCAAGGUC C CUAGUUCC   12186   AGGAACUA CUGAUGAG GCCGUUAGGC CGAA IACCUUG   30560   10669   361   CAAGGUCC U AGUUCCU   12188   AGGAACUA CUGAUGAG GCCGUUAGGC CGAA IACCUUG   30560   10669   361   CAAGGUCC U AGUUCCU   12189   AAGGAACU CUGAUGAG GCCGUUAGGC CGAA IGACCUU   30560   10669   361   CAAGGU			<del> </del>	12169	GUCAUGAU CUGAUGAG GCCGUUAGGC CGAA IGCCUGAU	30544
10601   429   AUGACUGC A AUUCCGGU   12172   ACCGGAAU CUGAUGAG GCCGUUAGGC CGAA ICAGUCAU   30547   10606   424   UGCAAUUC C GGUCUUC   12173   GAAAGAC CUGAUGAG GCCGUUAGGC CGAA IAAUUGCA   30548   10611   419   UUCCGGUC U UUCCUCCU   12174   AGGAGGAA CUGAUGAG GCCGUUAGGC CGAA IAAUUGCA   30549   10615   415   GGUCUUUC C UCCUCUUU   12175   AAAGAGGA CUGAUGAG GCCGUUAGGC CGAA IAAGACC   30550   10616   414   GUCUUUCC U CCUCUUUU   12176   AAAAGAGG CUGAUGAG GCCGUUAGGC CGAA IAAGAAC   30551   10618   412   CUUUCCUC C UCCUUUU   12177   AGAAAAGA CUGAUGAG GCCGUUAGGC CGAA IAGGAAAG   30552   10619   411   UUUCCUCC U CUUUUUUU   12178   AAAGAAAG CUGAUGAG GCCGUUAGGC CGAA IAGGAAAG   30553   10621   409   UCCUCCUC U UUUCUUU   12179   AAAAGAAA CUGAUGAG GCCGUUAGGC CGAA IAGGAGAA   30553   10624   404   CUCUUUUC U UUUGUUUU   12180   AAAACAAA CUGAUGAG GCCGUUAGGC CGAA IAAAAAG   30555   10639   391   UUUUGAGC U CCGCCGAU   12181   AUCGGCGG CUGAUGAG GCCGUUAGGC CGAA IAAAAAA   30555   10641   389   UUGAGCUC C GCCGAUUG   12182   CAAUCGGC CUGAUGAG GCCGUUAGGC CGAA IACCAAAA   30557   10644   386   AGCUCCGC C GAUUGAUA   12182   CAAUCGAG CUGAUGAG GCCGUUAGGC CGAA IACCAAAA   30557   10644   386   AGCUCCGC C GAUUGAUA   12183   UAUCCAAUC CUGAUGAG GCCGUUAGGC CGAA ICCGAAGCU   30558   10655   375   UUGAUAGC A CUGGUCAA   12184   UUGACCAG CUGAUGAG GCCGUUAGGC CGAA ICCGAAGCU   30556   10665   368   CACUGGUC A AGGUCCU   12185   CCUUGACC CUGAUGAG GCCGUUAGGC CGAA ICCGAGCU   30556   10662   368   CACUGGUC A AGGUCCU   12186   AGGGACCU CUGAUGAG GCCGUUAGGC CGAA ICCAUCAA   30557   10666   362   UCAAGGUC C CUAGUUCC   12186   AGGGACCU CUGAUGAG GCCGUUAGGC CGAA IACCUUGA   30560   10669   361   CAAGGUCC C UAGUUCC   12188   AGGAACUA CUGAUGAG GCCGUUAGGC CGAA IACCUUGA   30560   10669   361   CAAGGUCC C UAGUUCCU   12188   AGGAACUAG CUGAUGAG GCCGUUAGGC CGAA IACCUUG   30560   10670   360   AAGGUCCC U AGUUCCU   12188   AGGAACUA CUGAUGAG GCCGUUAGGC CGAA IACCUUG   30560   10670   360   AAGGUCCC U AGUUCCU   12188   AGGAACUA CUGAUGAG GCCGUUAGGC CGAA IACCUUG   30560   10670   360   AAGGU			GGCCAAUC A UGACUGCA	12170	UGCAGUCA CUGAUGAG GCCGUUAGGC CGAA IAUUGGCC	30545
10606         424         UGCAAUUC C GGUCUUC         12173         GAAAGACC CUGAUGAG GCCGUUAGGC CGAA IAAUUGCA         30548           10611         419         UUCCGGUC U UUCCUCCU         12174         AGGAGGAA CUGAUGAG GCCGUUAGGC CGAA IACCGGAA         30549           10615         415         GGUCUUUC C UCCUCUUU         12175         AAAGAGGA CUGAUGAG GCCGUUAGGC CGAA IAAAGAC         30550           10616         414         GUCUUUCC U CCUCUUUU         12176         AAAAGAG CUGAUGAG GCCGUUAGGC CGAA IAGGAAAG         30551           10618         412         CUUUCCUC C UCUUUUCU         12177         AGAAAAGA CUGAUGAG GCCGUUAGGC CGAA IAGGAAA         30552           10619         411         UUUCCUCC U CUUUUCUU         12178         AAGAAAAG CUGAUGAG GCCGUUAGGC CGAA IAGGAGAA         30553           10621         409         UCCUCCUC U UUUCUUU         12179         AAAAGAAA CUGAUGAG GCCGUUAGGC CGAA IAGAAGAGA         30555           10626         404         CUCUUUUC U UUUGUUU         12180         AAAACAAA CUGAUGAG GCCGUUAGGC CGAA IAAAAGAG         30555           10639         391         UUUUGAGC C GCCGAUUG         12181         AUCGGCGG CUGAUGAG GCCGUUAGGC CGAA IAGCUCAA         30557           10644         386         AGCUCCGC C GAUUGAUA         12183         UAUCAAUC CUGAUGAG GCCGUUAGGC CGAA ICGGAGC CGAA ICGCUAA <t< td=""><td>10598</td><td>432</td><td>AUCAUGAC U GCAAUUCC</td><td>12171</td><td>GGAAUUGC CUGAUGAG GCCGUUAGGC CGAA IUCAUGAU</td><td>30546</td></t<>	10598	432	AUCAUGAC U GCAAUUCC	12171	GGAAUUGC CUGAUGAG GCCGUUAGGC CGAA IUCAUGAU	30546
10606         424         UGCAAUUC         C GGUCUUUC         12173         GAAAGACC         CUGAUGAG         GCCGUUAGGC         CGAA         IAAUUGCA         30548           10611         419         UUCCGGUC         U UUCCUCU         12174         AGGAGGAA         CUGAUGAG         GCCGUUAGGC         CGAA         IAACGGAA         30549           10615         415         GGUCUUUC         C UCCUCUUU         12175         AAAGAGGA         CUGAUGAG         GCCGUUAGGC         CGAA         IAAAGAC         30550           10616         414         GUCUUUCC         U CCUCUUUU         12177         AGAAAGA         CUGAUGAG         GCCGUUAGGC         CGAA         IAGAAAGA         30551           10618         412         CUUUCCUC         U CUUUUCUU         12178         AAGAAAGA         CUGAUGAG         GCCGUUAGGC         CGAA         IAGGAAAG         30552           10619         411         UUUCCUCC         U UUUCUUU         12178         AAGAAAAG         CUGAUGAG         GCCGUUAGGC         CGAA         IAGGAGAA         30553           10621         409         UCCUCCUC         U UUUGUUU         12180         AAAACAAA         CUGAUGAG         GCCGUUAGGC         CGAA         IAAAAGAG         30555	10601	429	AUGACUGC A AUUCCGGU	12172	ACCGGAAU CUGAUGAG GCCGUUAGGC CGAA ICAGUCAU	30547
10611         419         UUCCGGUC U UUCCUCCU         12174         AGGAGGAA CUGAUGAG GCCGUUAGGC CGAA IACCGGAA         30549           10615         415         GGUCUUUC C UCCUCUUU         12175         AAAGAGGA CUGAUGAG GCCGUUAGGC CGAA IAAAGAC         30550           10616         414         GUCUUUCC U CCUCUUUU         12176         AAAAGAGG CUGAUGAG GCCGUUAGGC CGAA IGAAAGAC         30551           10618         412         CUUUCCUC C UCUUUUCU         12177         AGAAAAGA CUGAUGAG GCCGUUAGGC CGAA IAGGAAAG         30552           10619         411         UUUCCUCC U CUUUUCUU         12178         AAGAAAAG CUGAUGAG GCCGUUAGGC CGAA IAGGAAAA         30553           10621         409         UCCUCCUC U UUUCUUU         12179         AAAACAAA CUGAUGAG GCCGUUAGGC CGAA IAGAGAGA         30554           10626         404         CUCUUUUC U UUUGUUU         12180         AAAACAAA CUGAUGAG GCCGUUAGGC CGAA IAAAAGAG         30555           10639         391         UUUUGAGC C GCCGAUUG 12181         AUCCGCCG CUGAUGAG GCCGUUAGGC CGAA IAGCUCAA         30557           10641         389         UUGAGCCC C GAUUGAUA 12182         CAAUCGGC CUGAUGAG GCCGUUAGGC CGAA IACCUCAA         30558           10655         375         UUGAUGAC A CUGGUCA 12184         UUGACCAG CUGAUGAG GCCGUUAGGC CGAA ICUCAAA         30550           10667	10606	424	UGCAAUUC C GGUCUUUC	12173	GAAAGACC CUGAUGAG GCCGUUAGGC CGAA IAAUUGCA	
10615 415 GGUCUUUC C UCCUCUUU 12175 AAAGAGGA CUGAUGAG GCCGUUAGGC CGAA IAAAGACC 30550 10616 414 GUCUUUCC U CCUCUUUU 12176 AAAAGAGG CUGAUGAG GCCGUUAGGC CGAA IGAAAGAC 30551 10618 412 CUUUCCUC C UCUUUUCU 12177 AGAAAAGA CUGAUGAG GCCGUUAGGC CGAA IAGGAAAG 30552 10619 411 UUUCCUCC U CUUUUCUU 12178 AAGAAAAG CUGAUGAG GCCGUUAGGC CGAA IAGGAAAA 30553 10621 409 UCCUCCUC U UUUCUUU 12179 AAAAGAAA CUGAUGAG GCCGUUAGGC CGAA IAGGAGAA 30554 10626 404 CUCUUUUC U UUUGUUUU 12180 AAAACAAA CUGAUGAG GCCGUUAGGC CGAA IAAAAGAG 30555 10639 391 UUUUGAGC U CCGCCGAU 12181 AUCGGCGG CUGAUGAG GCCGUUAGGC CGAA IAAAAGAG 30556 10641 389 UUGAGCUC C GCCGAUUG 12182 CAAUCGGC CUGAUGAG GCCGUUAGGC CGAA IAGCUCAA 30557 10644 386 AGCUCCGC C GAUUGAUA 12183 UAUCAAUC CUGAUGAG GCCGUUAGGC CGAA ICGGAGCU 30558 10655 375 UUGAUAGC A CUGGUCAA 12184 UUGACCAG CUGAUGAG GCCGUUAGGC CGAA ICGGAGCU 30558 10657 373 GAUAGCAC U GGUCAAGG 12185 CCUUGACC CUGAUGAG GCCGUUAGGC CGAA ICCUACAA 30559 10668 362 CACUGGUC A AGGUCCCU 12186 AGGGACCU CUGAUGAG GCCGUUAGGC CGAA IACCAGUG 30561 10669 361 CAAGGUCC C UAGUUCC 12187 GGAACUAG CUGAUGAG GCCGUUAGGC CGAA IACCAGUG 30562 10669 361 CAAGGUCC C UAGUUCCU 12188 AGGAACUA CUGAUGAG GCCGUUAGGC CGAA IACCUUGA 30563	10611	419	UUCCGGUC U UUCCUCCU	12174		<del></del>
10616 414 GUCUUUCC U CCUCUUUU 12176 AAAAGAGG CUGAUGAG GCCGUUAGGC CGAA IGAAAGAC 30551 10618 412 CUUUCCUC C UCUUUUCU 12177 AGAAAAGA CUGAUGAG GCCGUUAGGC CGAA IAGGAAAG 30552 10619 411 UUUCCUCC U CUUUUCUU 12178 AAGAAAAG CUGAUGAG GCCGUUAGGC CGAA IAGGAAAA 30553 10621 409 UCCUCCUC U UUUCUUUU 12179 AAAAGAAA CUGAUGAG GCCGUUAGGC CGAA IAGGAGAA 30554 10626 404 CUCUUUUC U UUUGUUUU 12180 AAAACAAA CUGAUGAG GCCGUUAGGC CGAA IAAAAGAG 30555 10639 391 UUUUGAGC U CCGCCGAU 12181 AUCGGCGG CUGAUGAG GCCGUUAGGC CGAA ICUCAAAA 30556 10641 389 UUGAGCUC C GCCGAUUG 12182 CAAUCGGC CUGAUGAG GCCGUUAGGC CGAA IAGCUCAA 30557 10644 386 AGCUCCGC C GAUUGAUA 12183 UAUCAAUC CUGAUGAG GCCGUUAGGC CGAA ICGGAGCU 30558 10655 375 UUGAUAGC A CUGGUCAA 12184 UUGACCAG CUGAUGAG GCCGUUAGGC CGAA ICUAUCAA 30559 10657 373 GAUAGCAC U GGUCAAGG 12185 CCUUGACC CUGAUGAG GCCGUUAGGC CGAA IUCCUAUCA 30560 10662 368 CACUGGUC A AGGUCCCU 12186 AGGGACCU CUGAUGAG GCCGUUAGGC CGAA IACCAGUG 30561 10668 362 UCAAGGUC C CUAGUUCC 12187 GGAACUA CUGAUGAG GCCGUUAGGC CGAA IACCAGUG 30562 10669 361 CAAGGUCC C UAGUUCCU 12188 AGGAACUA CUGAUGAG GCCGUUAGGC CGAA IACCUUGA 30563 10670 360 AAGGUCCC U AGUUCCU 12188 AGGAACUA CUGAUGAG GCCGUUAGGC CGAA IGACCUU 30564	10615	415	GGUCUUUC C UCCUCUUU	12175		
10618 412 CUUUCCUC C UCUUUUCU 12177 AGAAAAGA CUGAUGAG GCCGUUAGGC CGAA IAGGAAAG 30552 10619 411 UUUCCUCC U CUUUUCUU 12178 AAGAAAAG CUGAUGAG GCCGUUAGGC CGAA IAGGAAAA 30553 10621 409 UCCUCCUC U UUUCUUUU 12179 AAAAGAAA CUGAUGAG GCCGUUAGGC CGAA IAGGAAGA 30554 10626 404 CUCUUUUC U UUUGUUUU 12180 AAAACAAA CUGAUGAG GCCGUUAGGC CGAA IAAAAGAG 30555 10639 391 UUUUGAGC U CCGCCGAU 12181 AUCGGCGG CUGAUGAG GCCGUUAGGC CGAA IAAAAGAG 30556 10641 389 UUGAGCUC C GCCGAUUG 12182 CAAUCGGC CUGAUGAG GCCGUUAGGC CGAA IAGCUCAA 30557 10644 386 AGCUCCGC C GAUUGAUA 12183 UAUCAAUC CUGAUGAG GCCGUUAGGC CGAA ICCGAAC 30558 10655 375 UUGAUAGC A CUGGUCAA 12184 UUGACCAG CUGAUGAG GCCGUUAGGC CGAA ICCGAGCU 30558 10657 373 GAUAGCAC U GGUCAAGG 12185 CCUUGACC CUGAUGAG GCCGUUAGGC CGAA ICCUAUCAA 30550 10662 368 CACUGGUC A AGGUCCCU 12186 AGGGACCU CUGAUGAG GCCGUUAGGC CGAA IACCAGUG 30561 10668 362 UCAAGGUC C CUAGUUCC 12187 GGAACUAG CUGAUGAG GCCGUUAGGC CGAA IACCAGUG 30562 10669 361 CAAGGUCC C UAGUUCCU 12188 AGGAACUA CUGAUGAG GCCGUUAGGC CGAA IACCUUGA 30563 10670 360 AAGGUCCC U AGUUCCU 12189 AAGGAACUA CUGAUGAG GCCGUUAGGC CGAA IGACCUUG 30563	10616	414	GUCUUUCC U CCUCUUUU	12176		
10619         411         UUUCCUCC U CUUUUCUU         12178         AAGAAAAG CUGAUGAG GCCGUUAGGC CGAA IGAGGAAA         30553           10621         409         UCCUCCUC U UUUCUUU         12179         AAAAGAAA CUGAUGAG GCCGUUAGGC CGAA IAGGAGGA         30554           10626         404         CUCUUUUC U UUUGUUU         12180         AAAACAAA CUGAUGAG GCCGUUAGGC CGAA IAAAAGAG         30555           10639         391         UUUUGAGC U CCGCCGAU 12181         AUCGGCGG CUGAUGAG GCCGUUAGGC CGAA ICUCAAAA         30556           10641         389         UUGAGCUC C GCCGAUUG 12182         CAAUCGGC CUGAUGAG GCCGUUAGGC CGAA IAGCUCAA         30557           10644         386         AGCUCCGC C GAUUGAUA 12183         UAUCAAUC CUGAUGAG GCCGUUAGGC CGAA ICGGAGCU         30558           10655         375         UUGAUAGC A CUGGUCAA 12184         UUGACCAG CUGAUGAG GCCGUUAGGC CGAA ICUAUCAA 30559           10657         373         GAUAGCAC U GGUCAAGG 12185         CCUUGACC CUGAUGAG GCCGUUAGGC CGAA IACCAUG 30560           10662         368         CACUGGUC A AGGUCCCU 12186         AGGGACCU CUGAUGAG GCCGUUAGGC CGAA IACCAUGA 30561           10668         362         UCAAGGUC C CUAGUUCCU 12187         GGAACUA CUGAUGAG GCCGUUAGGC CGAA IACCUUGA 30562           10669         361         CAAGGUCC C UAGUUCCU 12188         AGGAACUA CUGAUGAG GCCGUUAGGC CGAA IGACCUU 30564	10618	412				
10621         409         UCCUCCUC U UUUCUUU         12179         AAAAGAAA CUGAUGAG GCCGUUAGGC CGAA IAGGAGGA         30554           10626         404         CUCUUUUC U UUUGUUU         12180         AAAACAAA CUGAUGAG GCCGUUAGGC CGAA IAAAAGAG         30555           10639         391         UUUUGAGC U CCGCCGAU         12181         AUCGGCGG CUGAUGAG GCCGUUAGGC CGAA ICUCAAAA         30556           10641         389         UUGAGCUC C GCCGAUUG         12182         CAAUCGGC CUGAUGAG GCCGUUAGGC CGAA IAGCUCAA         30557           10644         386         AGCUCCGC C GAUUGAUA         12183         UAUCAAUC CUGAUGAG GCCGUUAGGC CGAA ICGGAGCU         30558           10655         375         UUGAUAGC A CUGGUCAA         12184         UUGACCAG CUGAUGAG GCCGUUAGGC CGAA ICCUAUCAA         30559           10657         373         GAUAGCAC U GGUCAAGG         12185         CCUUGACC CUGAUGAG GCCGUUAGGC CGAA IACCAGU         30560           10662         368         CACUGGUC A AGGUCCCU         12186         AGGGACCU CUGAUGAG GCCGUUAGGC CGAA IACCAGUG         30561           10668         362         UCAAGGUC C CUAGUUCC         12187         GGAACUA CUGAUGAG GCCGUUAGGC CGAA IACCUUG         30562           10669         361         CAAGGUCC C UAGUUCCU         12188         AGGAACUA CUGAUGAG GCCGUUAGGC CGAA IGACCUU         30563	10619	411	<del> </del>			
10626 404 CUCUUUUC U UUUGUUUU 12180 AAAACAAA CUGAUGAG GCCGUUAGGC CGAA IAAAAGAG 30555 10639 391 UUUUGAGC U CCGCCGAU 12181 AUCGGCGG CUGAUGAG GCCGUUAGGC CGAA ICUCAAAA 30556 10641 389 UUGAGCUC C GCCGAUUG 12182 CAAUCGGC CUGAUGAG GCCGUUAGGC CGAA IAGCUCAA 30557 10644 386 AGCUCCGC C GAUUGAUA 12183 UAUCAAUC CUGAUGAG GCCGUUAGGC CGAA ICGGAGCU 30558 10655 375 UUGAUAGC A CUGGUCAA 12184 UUGACCAG CUGAUGAG GCCGUUAGGC CGAA ICUAUCAA 30559 10657 373 GAUAGCAC U GGUCAAGG 12185 CCUUGACC CUGAUGAG GCCGUUAGGC CGAA IUGCUAUC 30560 10662 368 CACUGGUC A AGGUCCCU 12186 AGGGACCU CUGAUGAG GCCGUUAGGC CGAA IACCAGUG 30561 10668 362 UCAAGGUC C CUAGUUCC 12187 GGAACUAG CUGAUGAG GCCGUUAGGC CGAA IACCUUGA 30562 10669 361 CAAGGUCC C UAGUUCCU 12188 AGGAACUA CUGAUGAG GCCGUUAGGC CGAA IGCCUUG 30563	10621	409	<del></del>			
10639 391 UUUUGAGC U CCGCCGAU 12181 AUCGGCGG CUGAUGAG GCCGUUAGGC CGAA ICUCAAAA 30556 10641 389 UUGAGCUC C GCCGAUUG 12182 CAAUCGGC CUGAUGAG GCCGUUAGGC CGAA IAGCUCAA 30557 10644 386 AGCUCCGC C GAUUGAUA 12183 UAUCAAUC CUGAUGAG GCCGUUAGGC CGAA ICGGAGCU 30558 10655 375 UUGAUGAC A CUGGUCAA 12184 UUGACCAG CUGAUGAG GCCGUUAGGC CGAA ICUAUCAA 30559 10657 373 GAUAGCAC U GGUCAAGG 12185 CCUUGACC CUGAUGAG GCCGUUAGGC CGAA IUGCUAUC 30560 10662 368 CACUGGUC A AGGUCCCU 12186 AGGGACCU CUGAUGAG GCCGUUAGGC CGAA IACCAGUG 30561 10668 362 UCAAGGUC C CUAGUUCC 12187 GGAACUAG CUGAUGAG GCCGUUAGGC CGAA IACCUUGA 30562 10669 361 CAAGGUCC C UAGUUCCU 12188 AGGAACUA CUGAUGAG GCCGUUAGGC CGAA IGCCUUG 30563 10670 360 AAGGUCCC U AGUUCCU 12189 AAGGAACUA CUGAUGAG GCCGUUAGGC CGAA IGCCCUU 30564						
10641 389 UUGAGCUC C GCCGAUUG 12182 CAAUCGGC CUGAUGAG GCCGUUAGGC CGAA IAGCUCAA 30557 10644 386 AGCUCCGC C GAUUGAUA 12183 UAUCAAUC CUGAUGAG GCCGUUAGGC CGAA ICGGAGCU 30558 10655 375 UUGAUAGC A CUGGUCAA 12184 UUGACCAG CUGAUGAG GCCGUUAGGC CGAA ICUAUCAA 30559 10657 373 GAUAGCAC U GGUCAAGG 12185 CCUUGACC CUGAUGAG GCCGUUAGGC CGAA IUGCUAUC 30560 10662 368 CACUGGUC A AGGUCCCU 12186 AGGGACCU CUGAUGAG GCCGUUAGGC CGAA IACCAGUG 30561 10668 362 UCAAGGUC C CUAGUUCC 12187 GGAACUAG CUGAUGAG GCCGUUAGGC CGAA IACCUUGA 30562 10669 361 CAAGGUCC C UAGUUCCU 12188 AGGAACUA CUGAUGAG GCCGUUAGGC CGAA IGCCUUG 30563 10670 360 AAGGUCCC U AGUUCCU 12189 AAGGAACU CUGAUGAG GCCGUUAGGC CGAA IGCCCUU 30564						
10644 386 AGCUCCGC C GAUUGAUA 12183 UAUCAAUC CUGAUGAG GCCGUUAGGC CGAA ICGGAGCU 30558 10655 375 UUGAUAGC A CUGGUCAA 12184 UUGACCAG CUGAUGAG GCCGUUAGGC CGAA ICUAUCAA 30559 10657 373 GAUAGCAC U GGUCAAGG 12185 CCUUGACC CUGAUGAG GCCGUUAGGC CGAA IUGCUAUC 30560 10662 368 CACUGGUC A AGGUCCCU 12186 AGGGACCU CUGAUGAG GCCGUUAGGC CGAA IACCAGUG 30561 10668 362 UCAAGGUC C CUAGUUCC 12187 GGAACUAG CUGAUGAG GCCGUUAGGC CGAA IACCUUGA 30562 10669 361 CAAGGUCC C UAGUUCCU 12188 AGGAACUA CUGAUGAG GCCGUUAGGC CGAA IGACCUUG 30563 10670 360 AAGGUCCC U AGUUCCUU 12189 AAGGAACU CUGAUGAG GCCGUUAGGC CGAA IGACCUU 30564						
10655 375 UUGAUAGC A CUGGUCAA 12184 UUGACCAG CUGAUGAG GCCGUUAGGC CGAA ICUAUCAA 30559 10657 373 GAUAGCAC U GGUCAAGG 12185 CCUUUGACC CUGAUGAG GCCGUUAGGC CGAA ICUAUCAA 30560 10662 368 CACUGGUC A AGGUCCCU 12186 AGGGACCU CUGAUGAG GCCGUUAGGC CGAA IACCAGUG 30561 10668 362 UCAAGGUC C CUAGUUCC 12187 GGAACUAG CUGAUGAG GCCGUUAGGC CGAA IACCAGUG 30562 10669 361 CAAGGUCC C UAGUUCCU 12188 AGGAACUA CUGAUGAG GCCGUUAGGC CGAA IGACCUUG 30563 10670 360 AAGGUCCC U AGUUCCUU 12189 AAGGAACU CUGAUGAG GCCGUUAGGC CGAA IGACCUUG 30564						
10657 373 GAUAGCAC U GGUCAAGG 12185 CCUUGACC CUGAUGAG GCCGUUAGGC CGAA LUGCUAUC 30560 10662 368 CACUGGUC A AGGUCCCU 12186 AGGGACCU CUGAUGAG GCCGUUAGGC CGAA LACCAGUG 30561 10668 362 UCAAGGUC C CUAGUUCC 12187 GGAACUAG CUGAUGAG GCCGUUAGGC CGAA LACCUUGA 30562 10669 361 CAAGGUCC C UAGUUCCU 12188 AGGAACUA CUGAUGAG GCCGUUAGGC CGAA LGACCUUG 30563 10670 360 AAGGUCCC U AGUUCCUU 12189 AAGGAACU CUGAUGAG GCCGUUAGGC CGAA LGACCUUG 30564						
10662 368 CACUGGUC A AGGUCCCU 12186 AGGGACCU CUGAUGAG GCCGUUAGGC CGAA 10CCAGUG 30561 10668 362 UCAAGGUC C CUAGUUCC 12187 GGAACUAG CUGAUGAG GCCGUUAGGC CGAA 1ACCAGUG 30562 10669 361 CAAGGUCC C UAGUUCCU 12188 AGGAACUA CUGAUGAG GCCGUUAGGC CGAA 1GACCUUG 30563 10670 360 AAGGUCCC U AGUUCCUU 12189 AAGGAACU CUGAUGAG GCCGUUAGGC CGAA 1GGACCUU 30564						
10668 362 UCAAGGUC C CUAGUUCC 12187 GGAACUAG CUGAUGAG GCCGUUAGGC CGAA IACCUUGA 30562 10669 361 CAAGGUCC C UAGUUCCU 12188 AGGAACUA CUGAUGAG GCCGUUAGGC CGAA IGACCUUG 30563 10670 360 AAGGUCCC U AGUUCCUU 12189 AAGGAACU CUGAUGAG GCCGUUAGGC CGAA IGACCUU 30564				-		
10669 361 CAAGGUCC C UAGUUCCU 12188 AGGAACUA CUGAUGAG GCCGUUAGGC CGAA IGACCUUG 30563 10670 360 AAGGUCCC U AGUUCCUU 12189 AAGGAACU CUGAUGAG GCCGUUAGGC CGAA IGGACCUU 30564				-		
10670 360 AAGGUCCC U AGUUCCUU 12189 AAGGAACU CUGAUGAG GCCGUUAGGC CGAA IGGACCUU 30564						
10676 2F4 COUNCING CONSTRUCTION TO THE CONTROL OF T						30563
10076 354 CCUAGUUC C UUCUUAAA 12190 UUUAAGAA CUGAUGAG GCCGUUAGGC CGAA IAACUAGG 30565						30564
	100/6	354	CCUAGUUC C UUCUUAAA	12190	UUUAAGAA CUGAUGAG GCCGUUAGGC CGAA IAACUAGG	30565

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10679   353   CUARCHUCC U UGANAACU   13192   GARUIULE CUBUURA GCGUULAGE COAN IAAGACUA   308567   10689   343   CUULAAAC U CANAACUA   13193   AACCUICU CUBUURA GCGUULAGE COAN IAAGACUA   30857   10689   341   UANAACUA   6AAGGUU   13194   ACACUCUC CUBUURAGE GCGUULAGE COAN IAUGUAN   30858   10701   329   GGUUUUC A UGCGUUU   13194   ACACUCUC CUBUURAGE GCGUULAGE COAN IAUGUAN   30858   10701   329   GGUUUUC A UGCGUUU   13194   ACACUCUC CUBUURAGE GCGUULAGE COAN IAUGUAN   30858   10701   329   GGUUUUC A UGCGUUU   13195   AAACAACAC CUBUURAGE GCGUULAGE COAN IAUGUAN   30851   10719   311   GUUUGUUU   13195   AAACAACAC CUBUURAGE GCGUULAGE COAN IAUGUAN   30871   10719   311   GUUUGUAC   CUUCAUCU   13198   UGAACAC GCGUULAGE COAN IAUGUAN   30871   10721   309   UUGUUCAC   CUUCAUCU   13198   UGAAGAGG CUBUURAGE GCGUULAGE COAN IUGAACAA   30872   10724   306   UUCACACC   UCUCAUCU   12198   UGAAGAGGA CUBUURAGE GCGUULAGE COAN IUGAACAA   30873   10724   306   CUACACCUC   UCUCAUCU   12200   CCAUGAGA CUBURAGE GCGUULAGE COAN IUGUANA   30875   10726   304   CACACCUC   UCAUCAUC   12200   CCAUGAGA CUBURAGE GCGUULAGE COAN IUGUANA   30875   10726   304   CACACCUC   UCAUCAUC   12200   CCAUGAGA CUBURAGE GCGUULAGE COAN IUGUANA   30875   10726   304   CACACCUC   UCAUCAU   12200   CCAUGAGA CUBURAGE GCGUULAGE COAN IUGUANA   30875   10728   302   CACCUCUC   CAUCAGUU   12200   GCAUGAGA CUBURAGA GCGUULAGE COAN IUGUANA   30875   10728   302   ACCCUCUCA   ACCACUCU   12200   GCAUGAGA CUBURAGA GCGUULAGA   CACACUCU   CAUCAGA   ACCACUCU   12200   GCAUGAGA CUBURAGA GCGUULAGA   CACACUCU   CAUCAGA   CACACUCU   12200   GCAUGAGA CUBURAGA GCGUULAGA   CACACUCU   CAUCAGA   CACACUCU   CAUCAGA			<del></del>			
16689   343	10677	353	CUAGUUCC U UCUUAAAA			30566
10689   341	10680	350	GUUCCUUC U UAAAACUC	12192	GAGUUUUA CUGAUGAG GCCGUUAGGC CGAA IAAGGAAC	30567
1979  1299   GRIUPTURE A VIGACUSCU   12195   AACAGCA CIVARIAGA CICCULUAGO CARA ICANACACC   19870   1976   224   UTICALUSCU   GUIUNGUTU   12195   AACAGCAC CIVARIAGA CICCULUAGO CARA ICANCARA   30571   1971   311   GITUIGUIC A COCUCUCA   12198   GAGAGGIG CIUGARIGAG GCCGULUAGOC CARA ICANCARAC   30571   1972   3197   GUUCACACC   UCUCCAUC   12198   GAGAGGIG CIUGARIGAG GCCGULUAGOC CARA ICANCARAC   30571   19724   3167   GUUCACACC   UCUCCAUC   12199   GAGAGGIG CIUGARIGAG GCCGULUAGOC CORA INGRICARA   30571   19724   3167   GUUCACACC   UCUCCAUC   12199   GAGAGGIG CIUGARIGAG GCCGULUAGOC CORA INGRICARA   30571   19724   3167   GUUCACACC   UCUCCAUC   12199   GAGAGGIG CIUGARIGAG GCCGULUAGOC CORA INGRIGAGA   30573   19724   3167   GUUCACACC   UCUCCAUC   12191   AUCAGAGGIG CIUGARIGAG GCCGULUAGOC CORA INGRIGAGO   30573   19724   3167   GUICACACC   UCUCCAUC   12201   AUCAGAGGIG CIUGARIGAG GCCGULUAGOC CORA INGRIGAGO   30573   19724   2367   ACCUCUCC A AUGAGAGIC   12201   AUCAGAGGIC GUIGAGAG GCCGULUAGOC CORA INGRIGAGO   30573   19734   234   AUCAGAGCA   AUCAGAGCA   12201   AUCAGAGCA   GUIGAGGIA GCCGULUAGOC CORA INGRIGAGO   30573   19734   234   AUCAGAGCA   GUICAGGAG   12205   ACCAGAGGAC GUIGAGAG GCCGULUAGOC CORA INGRIGAGO   30573   19734   234   AUCAGAGCA   GUICAGGGA   12205   ACCAGAGGAC GUIGAGAGA GCCGULUAGOC CORA INGRIGAGA   30581   19744   236   GALUCAGGAC   GUICAGGAG   CUCAGAGAC   GUIGAGGA   GCCGULUAGOC CORA INGRIGAGA   30581   19744   235   AGCACUGC   GUICAGGAG   CUCAGAGAC   CUCAGAGAC   AUCAGAGAC   AUGAGGAG   AUGAGGAC   AUGAGGAC	10687	343	CUUAAAAC U CAGAAGGU	12193	ACCUUCUG CUGAUGAG GCCGUUAGGC CGAA IUUUUAAG	30568
1979  311   GUUGUUGU CA CACCUCUC 12197   GARGAGUE CUARIGAG GCCCUUAGGC GAA IAACAAAC 19572   1979  310   GUUGUGAC CA COCCUCCA 12198   UGGAGGGE CUARIGAG GCCCUUAGGC GAA IAACAAAC 19572   1972  309   UUGUUGAC C CUCUCCAC 12198   UGGAGGGE CUARIGAG GCCCUUAGGC GAA IAACAAAC 19572   1972  307   GUUCCAGC C UCUCCAUC 12199   GARGAGGE CUARIGAG GCCCUUAGGC GAA IAACAAAC 19572   1972  301   CACCUCCUC C CAUCCANO 12200   CANIGGAG CUARIGAG GCCCUUAGGC CANA IUGAGACA 19571   1972  301   CACCUCCUC C CAUCCANO 12200   CANIGGAG CUARIGAG GCCCUUAGGC CANA IAGGUUGA 30577   1972  301   ACCUCUCC C AUCCANO 12201   AUCCANO CUARIGAG GCCCUUAGGC CANA IAGGUUGA 30571   1972  301   ACCUCUCC C AUCCANCCA 12203   UGARCAGC CUARIGAG GCCCUUAGGC CANA IAGGUUGA 30571   1972  301   ACCUCUCC C AUCCANCCA 12203   UGARCAGC CUARIGAG GCCCUUAGGC CANA IAGGUUGA 30571   1973  293   AUCCANO C ACCUCUCC C AUCCANCCA 12204   GARGAGUGC CUARIGAG GCCCUUAGGC CANA IAGGUUGA 30571   1973  293   AUCCANO C ACCUCUCC C AUCCANCCA 12204   GARGAGUGC CUARIGAG GCCCUUAGGC CANA IAGGUUGA 30571   1973  293   AUCCANO C ACCUCUCC C AUCCANCCA CUARIGAG GCCCUUAGGC CANA IAGGUUGA 30571   1974  293   AUCCANO C AUCCANCCA 12204   GARGAGUGA CUARIGAG GCCCUUAGGC CANA IAGGUUGA 30571   1974  293   AUCCANCA CUARIGAG CUARIGAG GCCUUAGGC CANA IAGGUUGA 30571   1974  293   AUCCANCA CUARIGAG CUARIGAG GCCUUAGGC CANA IAGGUUGA 30581   1974  293   AUCACACA CUARIGAG CUARIGAG GCCUUAGGC CANA IAGGUUCA CUARIGAG GCCUUAGGC CANA IAGGUUCA 30581   1974  293   AUCACACAC CUARIGAG GCCUUAGGC CANA IAGGUUCA CUARIGAG GCCUUAGGC CANA IAGGUUCA 30581   1974  293   AUCACACA CUARIGAG CUARIGAG GCCUUAGGC CANA IAGGUUCA 30581   1974  293   AUGACACA CUARIGAG CUARIGAG GCCUUAGGC CANA IAGGUUCA 30581   1974  293   AUGACACA CUARIGAG CUARIGAG GCCUUAGGC CANA IAGGUUCA 30581   1974  293   AUGACACA CUARIGAG CUARIGAG GCCUUAGGC CANA IAGGUUCA 30581   1974  293   AUGACACA CUARIGAG CUARIGAG GCCUUAGGC CANA IAGGUUCA 30581   1974  293   AUGACACA CUARIGAG CUARIGAG GCCUUAGGC CANA IAGGUUCA 30581   1974  293   AUGACACA CUARIGAG CUARIGAG GCCUUAGGC CANA IAGGUUCA 30581   197	10689	341	UAAAACUC A GAAGGUGU	12194	ACACCUUC CUGAUGAG GCCGUUAGGC CGAA IAGUUUUA	30569
1979  311   GUUGUUGU CA CACCUCUC 12197   GARGAGUE CUARIGAG GCCCUUAGGC GAA IAACAAAC 19572   1979  310   GUUGUGAC CA COCCUCCA 12198   UGGAGGGE CUARIGAG GCCCUUAGGC GAA IAACAAAC 19572   1972  309   UUGUUGAC C CUCUCCAC 12198   UGGAGGGE CUARIGAG GCCCUUAGGC GAA IAACAAAC 19572   1972  307   GUUCCAGC C UCUCCAUC 12199   GARGAGGE CUARIGAG GCCCUUAGGC GAA IAACAAAC 19572   1972  301   CACCUCCUC C CAUCCANO 12200   CANIGGAG CUARIGAG GCCCUUAGGC CANA IUGAGACA 19571   1972  301   CACCUCCUC C CAUCCANO 12200   CANIGGAG CUARIGAG GCCCUUAGGC CANA IAGGUUGA 30577   1972  301   ACCUCUCC C AUCCANO 12201   AUCCANO CUARIGAG GCCCUUAGGC CANA IAGGUUGA 30571   1972  301   ACCUCUCC C AUCCANCCA 12203   UGARCAGC CUARIGAG GCCCUUAGGC CANA IAGGUUGA 30571   1972  301   ACCUCUCC C AUCCANCCA 12203   UGARCAGC CUARIGAG GCCCUUAGGC CANA IAGGUUGA 30571   1973  293   AUCCANO C ACCUCUCC C AUCCANCCA 12204   GARGAGUGC CUARIGAG GCCCUUAGGC CANA IAGGUUGA 30571   1973  293   AUCCANO C ACCUCUCC C AUCCANCCA 12204   GARGAGUGC CUARIGAG GCCCUUAGGC CANA IAGGUUGA 30571   1973  293   AUCCANO C ACCUCUCC C AUCCANCCA CUARIGAG GCCCUUAGGC CANA IAGGUUGA 30571   1974  293   AUCCANO C AUCCANCCA 12204   GARGAGUGA CUARIGAG GCCCUUAGGC CANA IAGGUUGA 30571   1974  293   AUCCANCA CUARIGAG CUARIGAG GCCUUAGGC CANA IAGGUUGA 30571   1974  293   AUCCANCA CUARIGAG CUARIGAG GCCUUAGGC CANA IAGGUUGA 30581   1974  293   AUCACACA CUARIGAG CUARIGAG GCCUUAGGC CANA IAGGUUCA CUARIGAG GCCUUAGGC CANA IAGGUUCA 30581   1974  293   AUCACACAC CUARIGAG GCCUUAGGC CANA IAGGUUCA CUARIGAG GCCUUAGGC CANA IAGGUUCA 30581   1974  293   AUCACACA CUARIGAG CUARIGAG GCCUUAGGC CANA IAGGUUCA 30581   1974  293   AUGACACA CUARIGAG CUARIGAG GCCUUAGGC CANA IAGGUUCA 30581   1974  293   AUGACACA CUARIGAG CUARIGAG GCCUUAGGC CANA IAGGUUCA 30581   1974  293   AUGACACA CUARIGAG CUARIGAG GCCUUAGGC CANA IAGGUUCA 30581   1974  293   AUGACACA CUARIGAG CUARIGAG GCCUUAGGC CANA IAGGUUCA 30581   1974  293   AUGACACA CUARIGAG CUARIGAG GCCUUAGGC CANA IAGGUUCA 30581   1974  293   AUGACACA CUARIGAG CUARIGAG GCCUUAGGC CANA IAGGUUCA 30581   197	10701	329	GGUGUUUC A UCGCUGUU	12195	AACAGCGA CUGAUGAG GCCGUUAGGC CGAA IAAACACC	30570
19719   311	<del></del>					
1972  309						
19722   307	<del></del>					<del></del> .
10724   306						
19726   394	10723	307	<u> </u>	12199		30574
19728   392	10724	306	UUCACACC U CUCCAUCG	12200	CGAUGGAG CUGAUGAG GCCGUUAGGC CGAA IGUGUGAA	30575
10729   301	10726	304	CACACCUC U CCAUCGAU	12201	AUCGAUGG CUGAUGAG GCCGUUAGGC CGAA IAGGUGUG	30576
1973   294   CADICGAUC C. AGCACUGC   12204   GEAGUGCU CUGAUGAG GECGUUAGGC CGAA IAUCGAUC 30579   10740   290   GAUCCAGC A CACUGCU 12205   ACCAGUAG CUGAUGAG GECGUUAGGC CGAA ICUGAUGAG 30581   10742   288   ACCACUGC U GEUCGGGU 12207   ACCCGAGC CUGAUGAG GECGUUAGGC CGAA ICUGAGGA 30581   10742   288   ACCACUGC U GEUCGGGU 12207   ACCCGAGC CUGAUGAG GECGUUAGGC CGAA ICUGAGGA 30581   10757   273   GUCGAGCAC U GUCGGGGU 12207   ACCCGAGC CUGAUGAG GECGUUAGGC CGAA ICUCCGAC 30581   10757   273   GUCGAGCAC U GUCGAGC CUGAUGAG GECGUUAGGC CGAA ICUCCGAC 30581   10757   273   GUCGAGCAC U GUCGACC CUGAUGAG GECGUUAGGC CGAA ICUCCGAC 30581   10757   273   GUCGAGCAC CUGAUGAG GECGUUAGGC CGAA ICUCCGAC 30581   10757   273   GUCGAGCAC U SELVA AGGUCAC CUGAUGAG GECGUUAGGC CGAA ICUCCGAC 30581   10757   259   UGUGAACAC U SELVA AGGUCAC CUGAUGAG GECGUUAGGC CGAA ICUCCGAC 30581   10771   259   UGUGAACAC U GAAGAAC 12212   GUUCUUCA CUGAUGAG GECGUUAGGC CGAA ICUCCCAC 30581   10781   249   AAGACGCC A AGGAGAC 12212   GUUCUUCA CUGAUGAG GECGUUAGGC CGAA ICUCUCUU 30588   10782   248   AAGACGCC A AGGAGACC 12214   GUUCUUCA CUGAUGAG GECGUUAGGC CGAA ICUCUCUU 30588   10782   249   AAGACGCC A AGCAAAA 12215   UUUGUGUU CUGAUGAG GECGUUAGGC CGAA ICUCUCUU 30588   10782   249   AAGAGGCC A CAAACAAA 12215   UUUGUGUU CUGAUGAG GECGUUAGGC CGAA ICUCUCUU 30581   10791   239   AAGAGACC A CAAACAAA 12215   UUUGUGUU CUGAUGAGA GECGUUAGGC CGAA ICUCUCUU 30589   10791   239   AAGAGACC A CAAACAGA 12215   UUUGUGUU CUGAUGAGA GECGUUAGGC CGAA ICUCUCUU 30591   10794   236   GAGCAACA A CAAAACGU 12216   AUUUGUGUU CUGAUGAGA GECGUUAGGC CGAA ICUCUCUU 30591   10794   236   GAGCAACA A CAAACAGA 12216   AUUUGUGUU CUGAUGAGA GECGUUAGGC CGAA ICUCUCUU 30591   10794   236   GAGCAACA A CAAAUGCUU 12216   AUUUGUGUU CUGAUGAGA GECGUUAGGC CGAA ICUCUCU 30591   10796   234   GAGCAGAC A CAAAUGGUA 12216   ACGAUGAGA CUGAUGAGA GECGUUAGGC CGAA ICUCUCU 30591   10809   221   GUUUGAGC C CUUGCGGU 12216   ACGAUGAGA CUGAUGAGA GECGUUAGGC CGAA ICUCGCUC 30591   108091   10809   10809   10809   10809   10809   10809   10809   10	10728	302	CACCUCUC C AUCGAUCC	12202	GGAUCGAU CUGAUGAG GCCGUUAGGC CGAA IAGAGGUG	30577
10737   293   AUCGAUCC A GEACUGCU   12205   ACCAGUGC CUGAUGAG GECGUUAGGC CGAA IGAUCGAU   30580   10746   298	10729	301	ACCUCUCC A UCGAUCCA	12203	UGGAUCGA CUGAUGAG GCCGUUAGGC CGAA IGAGAGGU	30578
10731   293   AUCGAUCC A GEACUSCU   12205   ACCASUSC CUGAUGAG GECGUUAGGC CGAA IGAUCGAU   30580   10740   296   GAUCCAGC A CUGCUCGG   12206   CCCAGACAG CUGAUGAG GECGUUAGGC CGAA ICUGGAUC   30581   10745   285   AUCCAGCAC U GUGGGGGU   12208   CCCACCCC CUGAUGAG GECGUUAGGC CGAA ICUCGGAC   30581   10757   273   GUCGGAGC A AUGCUCGU   12208   CCCACCCC CUGAUGAG GECGUUAGGC CGAA ICUCCGAC   30581   10757   273   GUCGGAGC A AUGCUCGU   12209   ACCACAAU   CUGAUGAG GECGUUAGGC CGAA ICUCCCAC   30581   10765   267   GUCGGAGC A AUGCUCGU   12209   ACGACAAU   CUGAUGAG GECGUUAGGC CGAA ICUCCCAC   30581   10762   260   CUGUGACC CUGAAGACA   12211   GUCCUCCA CUGAUGAG GECGUUAGGC CGAA ICUCCCAC   30581   10770   260   CUGUGAAC CUGAAGACA   12211   GUCCUCCA CUGAUGAG GECGUUAGGC CGAA ICUCCCAC   30587   10781   249   AAGAGGC C   AAGAGAGC   12212   CGUUCUUC CUGAUGAG GECGUUAGGC CGAA ICGCUCCA   30587   10781   249   AAGAGGC C   AAGAGAGC   12213   GUCUCUCU CUGAUGAG GECGUUAGGC CGAA ICGCUCCU   30589   10790   240   AAGAGGC C   AAGACAAA   12215   GUUCUUCU CUGAUGAG GECGUUAGGC CGAA ICGCUCCU   30589   10790   240   AAGAGGC A ACCAAAA   12215   UUUGUGUU CUGAUGAG GECGUUAGGC CGAA ICGCUCCU   30589   10790   240   AAGAGGC A ACCAAAA   12215   UUUGUGUU CUGAUGAG GECGUUAGGC CGAA ICCCUCCU   30591   10794   236   GAGCCAAC   AECACAAA   12215   UUUGUGUU CUGAUGAG GECGUUAGGC CGAA ICCCUCCU   30591   10794   236   GAGCCAAC   AECACAAA   12216   AUUGUGUC CUGAUGAGG GECGUUAGGC CGAA ICCCUCCU   30591   10794   234   GCCAACCA   AACACCAAA   12216   AUUGUGUC CUGAUGAGG GECGUUAGGC CGAA ICCUCCUC   30591   10794   234   GCCAACCA   AACACAAA   12215   AUUGUGUC CUGAUGAGG GECGUUAGGC CGAA ICCUCCUC   30591   10794   234   GCCAACCA   AACACAAA   12216   AUUGUGUC CUGAUGAGG GECGUUAGGC CGAA IUUGGCCA   30591   10899   221   GUAUGGCC C UUGCCGU   12221   ACGACAGAG CUGAUGAGG GECGUUAGGC CGAA IUUGGCCA   30591   10890   221   GUAUGGCC C UUGCCGU   12221   ACGACGAGA CUGAUGAGG GECGUUAGGC CGAA IGCCAAUA   30595   10816   219   AUUGGCCC C UUGCCGU   12221   ACGGCCAA CUGAUGAG GECGUUAGGC CGAA IGCCAAUA   30595	10736	294	CAUCGAUC C AGCACUGC	12204	GCAGUGCU CUGAUGAG GCCGUUAGGC CGAA IAUCGAUG	30579
10740   290   GAUCCAGC A CURCUCGG   12207   ACCORAGE CUGAUGAG GCGUUAGGC CGAA ICUGGAUC   30582   10745   288   UCCAGCAC U GCUCGGGU   12207   ACCORAGE CUGAUGAG GCGUUAGGC CGAA ICACGUCCU   30583   10757   273   GUCGAGCC U COGAGCCG CUGAUGAG GCGGUUAGGC CGAA ICACGUCCU   30583   10757   273   GUCGAGCC U CUGAUGAG GCGGUUAGGC CGAA ICACGUCCU   30583   10757   273   GUCGAGCC U CUGAUGAG GCGGUUAGGC CGAA ICACGUCCU   30583   10757   273   GUCGAGCC U GUCAUGAG GCGGUUAGGC CGAA ICACGUCCU   30583   10770   260   CUGUGAGAC C UGAAGAAC   12211   GUUCUUCA CUGAUGAG GCCGUUAGGC CGAA ICACGUCAC   30585   10770   260   CUGUGAACA C 12210   GUUCUUCU CUGAUGAG GCCGUUAGGC CGAA ICACGUCAC   30585   10771   259   UGUGAACC U GAAGAAC   12212   CGUCUCUU CUGAUGAG GCCGUUAGGC CGAA ICGUCCAC   30585   10781   249   AAGAGGCC C AAGAGAGC   12212   GCUCUCUU CUGAUGAG GCCGUUAGGC CGAA ICGUCUCUU   30588   10782   248   AAGAGGCC A ACACAAA   12215   GUUCUUCU CUGAUGAG GCCGUUAGGC CGAA ICGUCUCUU   30588   10782   248   AAGAGGCC A ACACAAA   12215   UUUGUGUU CUGAUGAG GCCGUUAGGC CGAA ICGUCUCUU   30589   10791   239   AGAGGAGC A ACACAAA   12215   UUUGUGUU CUGAUGAG GCCGUUAGGC CGAA ICGUCUCUU   30591   10794   236   GAGCGACA C ACAAACGU   12217   ACGAGUUG CUGAUGAG GCCGUUAGGC CGAA ICGUCUCUU   30591   10794   236   GAGCGACA C ACAAACGU   12216   AUUUGUGU CUGAUGAG GCCGUUAGGC CGAA ICCUCCUU   30591   10794   236   GAGCGACA C ACAAACGU   12216   AUUUGUGU CUGAUGAG GCCGUUAGGC CGAA ICCUCCUU   30591   10809   221   GUAUUGAG CACCGGUU   12210   ACGAGUAG CUGAUGAG GCCGUUAGGC CGAA ICCUCAUCA   30591   10810   220   UAUUGAGC C CUUGCCGU   12218   AUUCGAUGA GCCGUUAGGC CGAA ICCAAUA   30591   10810   220   UAUUGAGC C CUUGCCGU   12220   AGGGCAA CUGAUGAG GCCGUUAGGC CGAA ICCAAUA   30591   10810   220   UAUUGAGC C UUGCCGU   12221   GAGGGCAA CUGAUGAG GCCGUUAGGC CGAA ICCAAUA   30591   10810   218   UUGGCCCC UUGCCGU   12221   GAGGGCAA CUGAUGAG GCCGUUAGGC CGAA ICCAAUA   30591   10810   218   UUGGCCCC UUGCCGU   12221   GAGGGCAA CUGAUGAG GCCGUUAGGC CGAA ICCAAUA   30591   10810   10810   10810   10810   10810	<b>-</b>					
10745   288						
107545   285	-					
10757   273   GUGGGRGC A AUUGCUGU   12210   ACAGCANU CUGAUGAG   GCCGUUAGGC   CGAA ICUCCGAC   30584   100763   267   GCAAUUGC U GUGAACCA   12211   GUUCUUCA CUGAUGAG   GCCGUUAGGC   CGAA ICUCCACA   30586   100771   259   UGUGAACC   UGAAGAAC   12211   GUUCUUCA CUGAUGAG   GCCGUUAGGC   CGAA IUUCACCA   30586   10781   249   AAGAGAGC   CAAAGAGAC   12212   GUUCUUCA CUGAUGAG   GCCGUUAGGC   CGAA IUUCACCA   30586   10781   249   AAGAGAGC   CAAAGAGAC   12212   GUUCUUC   UGAAUGAG   GCCGUUAGGC   CGAA IUUCACCA   30587   10781   249   AAGAGAGC   CAAAGAGAC   12214   GCUCUCU   CUGAUGAG   GCCGUUAGGC   CGAA IUUCACCA   30587   10792   240   AAGAGAGC   CAACACAAA   12215   UUUGUUUC   CUGAUGAG   GCCGUUAGGC   CGAA ICUCUCUU   30589   10799   240   AAGAGAGC   AACACAAA   12215   UUUGUUU   CUGAUGAG   GCCGUUAGGC   CGAA ICUCUCUU   30589   10799   239   AGAGAGCC   AACACAAA   12216   AUUUGUGUU   CUGAUGAG   GCCGUUAGGC   CGAA ICUCUCUU   30591   10794   236   GAGCCAAC   AALUGUUU   12217   ACGAUUUG   CUGAUGAG   GCCGUUAGGC   CGAA IUUGGCC   30591   10809   221   GUAUUGGC   CUUGCCG   12219   CAGCAAGG   CUGAUGAG   GCCGUUAGGC   CGAA IUUGGCC   30592   10809   221   GUAUUGGC   CUUGCCG   12219   CAGCAAGG   CUGAUGAG   GCCGUUAGGC   CGAA IUUGGCC   30593   10810   220   UUUGGCCC   CUUGCCG   12219   CAGCAAGG   CUGAUGAG   GCCGUUAGGC   CGAA ICCAACAC   AALUGGUUU   12220   ACGGCAAG   CUGAUGAG   GCCGUUAGGC   CGAA ICCAACAC   AALUGGCCC   UUGCCGC   12221   ACGGCAAG   CUGAUGAG   GCCGUUAGGC   CGAA ICCAACAC   AALUGAGCC   CUUGCCGC   12221   ACGGCAAG   CUGAUGAG   GCCGUUAGGC   CGAA ICCAACAC   AGAGCCAA   AUUGCCCC   12222   ACGGCAAG   CUGAUGAG   GCCGUUAGGC   CGAA ICCAACAC   AGAGCCAA   AGAGCAA   AGAGCCAA   AG			·			
10776  267   GCAAUUGC U GUGAACCU   12211   GUUCUUCA CUGAUGAG GCCGUUAGGC CGAA ICAAUUGC   30586   10771   259   UGUGAACC U GAAGAAC   12212   GUUCUUCA CUGAUGAG GCCGUUAGGC CGAA IGUUCACAG   30586   10772   259   UGUGAACC U GAAGAACG   12212   GUUCUUCU CUGAUGAG GCCGUUAGGC CGAA IGUUCACA   30587   10782   249   AGAACGC C AAGAGAGC   12213   GCUUCUU CUGAUGAG GCCGUUAGGC CGAA IGUUCACA   30588   10792   248   AGAACGC C AAGAGAGC   12214   GCUUCUU CUGAUGAG GCCGUUAGGC CGAA IGUUCACA   30588   10790   240   AAGAGGAC C AACACAAA   12215   UUUGUGUU CUGAUGAG GCCGUUAGGC CGAA IGCGUUCUU   30580   10791   239   AGAGGACC A ACACAAA   12215   UUUGUGUU CUGAUGAG GCCGUUAGGC CGAA IGCGUUCUU   30580   10791   239   AGAGGACC A ACACAAA   12215   UUUGUGUU CUGAUGAG GCCGUUAGGC CGAA IUUGCUCUCU   30591   10794   236   GAGCCCAC A CAAUCGUU   12216   AUUGGUU CUGAUGAG GCCGUUAGGC CGAA IUUGGUCUCU   30591   10794   236   GAGCCAAC A AAUCGUU   12218   AUACGAUU CUGAUGAG GCCGUUAGGC CGAA IUUGGUCUCU   30591   10796   234   GCCAACAC A AAUCGUU   12218   AUACGAUU CUGAUGAG GCCGUUAGGC CGAA IUGGUCUC   30591   10809   221   GUAUUGGC C CUUGCCGU   12219   CAGCAAGG CUGAUGAG GCCGUUAGGC CGAA IUGGCCC   30591   10810   220   UAUUGGCC C CUUGCCGU   12220   ACGGCAAG CUGAUGAG GCCGUUAGGC CGAA IUGCACAA   30594   10811   219   AUUGGCCC C UUGCCGU   12221   GACGGCAA CUGAUGAG GCCGUUAGGC CGAA IGCACAAA   30595   10816   214   CCCCUUCC C GUGACGA CUGAUGAG GCCGUUAGGC CGAA IGCACAAA   30597   10816   214   CCCCUUCC C GUGACGA CUGAUGAG GCCGUUAGGC CGAA IGCACCAA   30597   10816   214   CCCCUUCC C GUGACGA CUGAUGAG GCCGUUAGGC CGAA IGCACCAA   30597   10816   214   CCCCUUCC C GUGACGA CUGAUGAG GCCGUUAGGC CGAA ICAAGGG   30599   10824   206   CGUCCAAC A UAGCCCC U GUCACAC   22221   GACGGCAC CUGAUGAG GCCGUUAGGC CGAA ICAAGGG   30599   10824   206   CGUCCAAC A UAGCCCC U GUCACAC   20221   GACGGCAC CUGAUGAG GCCGUUAGGC CGAA ICACGCCC   30600   30600   30600   30600   30600   30600   30600   30600   30600   30600   30600   30600   30600   30600   30600   30600   30600   30600   30600   30600   30600   30600   3060	$\longrightarrow$				The state of the s	
10770	<u> </u>		<u> </u>			30584
10771   259	10763	267	GCAAUUGC U GUGAACCU	12210	AGGUUCAC CUGAUGAG GCCGUUAGGC CGAA ICAAUUGC	30585
10781   249	10770	260	CUGUGAAC C UGAAGAAC	12211	GUUCUUCA CUGAUGAG GCCGUUAGGC CGAA IUUCACAG	30586
107982   248	10771	259	UGUGAACC U GAAGAACG	12212	CGUUCUUC CUGAUGAG GCCGUUAGGC CGAA IGUUCACA	30587
10790	10781	249	AAGAACGC C AAGAGAGC	12213	GCUCUCUU CUGAUGAG GCCGUUAGGC CGAA ICGUUCUU	30588
10790	10782	248	AGAACGCC A AGAGAGCC	12214	GGCUCUCU CUGAUGAG GCCGUUAGGC CGAA IGCGUUCU	30589
10791   239   AGAGAGCC A ACACANAU   12216   AUUUGUGU CUGAUGAG   GCCGUUAGGC   CGAA IGCUCUCU   30591   10794   236   GAGCCAAC A CAAAUCGU   12217   ACGAUTUG CUGAUGAG   GCCGUUAGGC   CGAA IUUGGCUC   30592   10796   234   GCCAACAC A AAAUCGUAU   12218   AUAGGAUU CUGAUGAG   GCCGUUAGGC   CGAA IUUGUGC   30593   10809   221   GUAUUGGC   CCUUGCCGU   12219   CGGCAAGG   CUGAUGAG   GCCGUUAGGC   CGAA IUCAUAC   30594   10810   220   UAUUGGCC   CUUGCCGU   12219   CGGCAAGG   CUGAUGAG   GCCGUUAGGC   CGAA ICCAAUA   30595   10811   219   AUUUGGCC   CUUGCCGU   12212   GACGGCAA   CUGAUGAG   GCCGUUAGGC   CGAA IGCCAAUA   30595   10812   218   UUGGCCCC   UUGCCGUC   12212   GACGGCAA   CUGAUGAG   GCCGUUAGGC   CGAA IGGCCAAU   30596   10812   218   UUGGCCCC   UUGCCGUC   12222   CGACGGCA   CUGAUGAG   GCCGUUAGGC   CGAA IGGCCAAU   30597   10816   214   CCCCUUGC   GUCCAAUCA   12223   UGAUCGAC   CUGAUGAG   GCCGUUAGGC   CGAA ICAAGGG   30599   10824   206   CGUCGAUC   A GCUCAAC   12224   GUUGAGCC   CUGAUGAG   GCCGUUAGGC   CGAA ICACGAGG   30599   10828   202   GAUCAGGC   CAACAUAG   12225   CUAUGUUG   CUGAUGAG   GCCGUUAGGC   CGAA ICACGACG   30690   10830   200   UCAGGCCU   A ACAUAGC   12226   GGCUAUGAG   GCCGUUAGGC   CGAA ICACGACG   30690   10830   200   UCAGGCUC   A ACAUAGC   12226   GGCUAUGAG   GCCGUUAGGC   CGAA IUUGAGC   30600   10830   197   GGCUCAAC   A UAGCCCUC   12226   GGCUAUGAG   GCCGUUAGGC   CGAA IUUGAGC   30600   10830   199   AACAUAGC   CUCUCAGU   12228   CUGAAGAG   CUGAUGAG   GCCGUUAGGC   CGAA IUUGAGC   30600   10830   199   AACAUAGC   CUCUCAGU   12228   CUGAAGAG   CUGAUGAG   GCCGUUAGGC   CGAA IUUGAGC   30600   10840   199   CAUAGCC   UUCAGUC   12228   CUGAAGAG   CUGAUGAG   GCCGUUAGGC   CGAA IUUGAGC   30600   10840   199   CAUAGCC   UUCAGUC   12228   CUGAAGAG   CUGAUGAG   GCCGUUAGGC   CGAA IAGCCCUA   30600   10840   199   CAUAGCC   UUCAGUC   12228   CUGAAGAG   CUGAUGAG   GCCGUUAGGC   CGAA IAGCGCA   30600   10840   199   CAUAGCC   UUCAGUC   12228   CUGAAGAG   CUGAUGAG   GCCGUUAGGC   CGAA IACGGC   CGAA IACGCCC   CUCAGGU   12248   CUCUAGA	10790	240	AAGAGAGC C AACACAAA	12215	UUUGUGUU CUGAUGAG GCCGUUAGGC CGAA ICUCUCUU	
10794   236			0			
10796   234   GCCACAC A ANUCGUAU   12218   AUACGAUU CUGAUGAG   GCCGUUAGGC   CGAA IUGUUGGC   30593   10809   221   GUAUUGGC   CUUUCCGU   12210   CGGCAAGG   CUGAUGAG   GCCGUUAGGC   CGAA ICCAAUAC   30594   10810   220   UAJUUGGC   CUUGCCGU   12221   GAGGGAAG   CUGAUGAG   GCCGUUAGGC   CGAA ICCAAUAC   30595   10811   219   AUUGGCC   CUUGCCGU   12221   GACGGACA   CUGAUGAG   GCCGUUAGGC   CGAA IGGCCAAU   30595   10812   218   UUGGCCC   UUGCCGU   12221   GACGGCA   CUGAUGAG   GCCGUUAGGC   CGAA IGGCCAAU   30595   10812   218   UUGGCCC   UUGCCGU   12222   CGACGGCA   CUGAUGAG   GCCGUUAGGC   CGAA IGGCCCAA   30597   10816   214   CCCCUUGC   CGUCAAC   12223   UGAUCGAC   CUGAUGAG   GCCGUUAGGC   CGAA ICAAGGGG   30598   10824   206   CGUCGAUCA   12224   GUUGAGCC   CUGAUGAG   GCCGUUAGGC   CGAA ICAAGGGG   30599   10828   202   GAUCAGGC   U CAACAUGA   12224   GUUGAGCC   CUGAUGAG   GCCGUUAGGC   CGAA IAUCGACG   30599   10830   200   UCAGGCUC   A ACAUAGC   12225   CUAUGUUG   CUGAUGAG   GCCGUUAGGC   CGAA IAUCGACG   30601   10833   197   GCCUCAAC   A ACAUAGCC   12227   GAGGGCUA   CUGAUGAG   GCCGUUAGGC   CGAA IAUCGACG   30601   10833   197   GCCUCAAC   A ACAUAGCC   12227   GAGGGCUA   CUGAUGAG   GCCGUUAGGC   CGAA IAUCGACG   30602   10838   192   AACAUAGC   CUCUUCAGU   12228   CUGAAGAG   CUGAUGAG   GCCGUUAGGC   CGAA ICUAUGUU   30602   10839   191   ACAUAGCC   UCUUCAGU   12229   ACUGAAGA   CUGAUGAG   GCCGUUAGGC   CGAA ICUAUGUU   30604   10840   190   CAUAGCCC   UUUCAGUC   12221   GACUGAGA   CUGAUGAG   GCCGUUAGGC   CGAA IGCUAUGU   30604   10840   190   CAUAGCC   UUCAGUC   12221   GACUGAGA   CUGAUGAG   GCCGUUAGGC   CGAA IGCUAUGU   30605   10842   188   UAGCCCUC   UUCAGUC   12231   GACUGAGA   CUGAUGAG   GCCGUUAGGC   CGAA IAGCGCGU   30605   10842   188   UAGCCCUC   UUCAGUC   12231   GACUGAGA   CUGAUGAG   GCCGUUAGGC   CGAA IAGCGGC   30605   10845   185   CUUCAGUC   AUCAAGG   12231   CUCUGAGU   CUGAUGAG   GCCGUUAGGC   CGAA IAGCGGC   CGAA IAGC	<b></b>					
10809   221	<del></del>					
10810   220				1		
10811   219	<b>—</b>					
10812   218						<del></del>
10816   214			<del></del>			<del></del>
10824   206	-					30597
10828   202	$\vdash$					30598
10830   200	10824	206	CGUCGAUC A GGCUCAAC	12224	GUUGAGCC CUGAUGAG GCCGUUAGGC CGAA IAUCGACG	30599
10833   197   GGCUCAAC A UAGCCCUC   12227   GAGGGCUA CUGAUGAG   GCCGUUAGGC   CGAA IUUGAGCC   30602	10828	202	GAUCAGGC U CAACAUAG	12225	CUAUGUUG CUGAUGAG GCCGUUAGGC CGAA ICCUGAUC	30600
10838   192	10830	200	UCAGGCUC A ACAUAGCC	12226	GGCUAUGU CUGAUGAG GCCGUUAGGC CGAA IAGCCUGA	30601
191	10833	197	GGCUCAAC A UAGCCCUC	12227	GAGGGCUA CUGAUGAG GCCGUUAGGC CGAA IUUGAGCC	30602
10840	10838	192	AACAUAGC C CUCUUCAG	12228	CUGAAGAG CUGAUGAG GCCGUUAGGC CGAA ICUAUGUU	30603
10842         188         UAGCCCUC         U UCAGUCCA         12231         UGGACUGA         CUGAUGAG         GCCGUUAGGC         CGAA         IAGGGCUA         30606           10845         185         CCCUCUUC         A GUCCAAUC         12232         GAUUGGAC         CUGAUGAG         CCGAA         IAAGAGGG         30607           10849         181         CUUCAGUC         CAAUCAAGG         12233         CCUUGAUU         CUGAUGAG         CCGAA         IACUGAAG         30608           10850         180         UUCAGUC         A AGCACAC         12235         GUUGUCCU         CUGAUGAG         CCGAA         IAGUGAA         30609           10860         170         UCAAGGAC         A ACACGGG         12236         CCGCGUUAGG         CGAA         IAUUGGAC         30610           10860         170         UCAAGGAC         A CACCGGGC         12237         GCCCGCGC CUGAUGAG         CGAA         IUUGUCU         30612           10872         158         CGCGGGGC         A UCCCGCGU         12238         ACGCGGAA         CUGAUGAG         CGAA         IUUGUCU         30613           10876         154         GGGCAUUC         C GCGUUUA         12238         ACGCGGAA         CUGAUGAG         CCGUUAGGC	10839	191	ACAUAGCC C UCUUCAGU	12229	ACUGAAGA CUGAUGAG GCCGUUAGGC CGAA IGCUAUGU	30604
10842   188	10840	190	CAUAGCCC U CUUCAGUC	12230	GACUGAAG CUGAUGAG GCCGUUAGGC CGAA IGGCUAUG	30605
10845         185         CCCUCUUC A GUCCAAUC         12232         GAUUGGAC CUGAUGAG GCCGUUAGGC CAAA IAAGAGG         30607           10849         181         CUUCAGUC C AAUCAAGG         12233         CCUUGAUU CUGAUGAG GCCGUUAGGC CGAA IACUGAAG         30608           10850         180         UUCAGUC A AUCAAGGA         12234         UCCUUGAU CUGAUGAG GCCGUUAGGC CGAA IGACUGAA         30609           10854         176         GUCCAAUC A AGGACAAC         12235         GUUGUCCU CUGAUGAG GCCGUUAGGC CGAA IAUUGGAC         30610           10860         170         UCAAGGAC A ACACGCGG 12236         CCGCGUGU CUGAUGAG GCCGUUAGGC CGAA IUCCUUGA         30611           10863         167         AGGACAAC A CGCGGGC 12237         GCCCCGCG CUGAUGAG GCCGUUAGGC CGAA IUCCUCGA         30612           10872         158         CGCGGGGC A UUCCGCGU 12238         ACGCGGAA CUGAUGAG GCCGUUAGGC CGAA ICCCCGCG 30613           10876         154         GGGCAUUC C GCGUUUUA 12239         UAAAACGC CUGAUGAG GCCGUUAGGC CGAA ICUAAAAC         30615           10887         143         GUUUUAGC A UAUUGACA 12240         UGUCAAUA CUGAUGAG GCCGUUAGGC CGAA ICUAAAAC         30615           10898         135         AUAUUGAC A GCCCGGCU 12241         AGACGGC CUGAUGAG GCCGUUAGGC CGAA ICUGACAA         30616           10899         131         UGACAGCC C GGCUCUU         12242<	10842	188	UAGCCCUC U UCAGUCCA	12231		
10849         181         CUUCAGUC C AAUCAAGG         12233         CCUUGAUU CUGAUGAG GCCGUUAGGC CGAA IACUGAAG         30608           10850         180         UUCAGUCC A AUCAAGGA         12234         UCCUUGAU CUGAUGAG GCCGUUAGGC CGAA IACUGAA         30609           10854         176         GUCCAAUC A AGGACAC         12235         GUUGUCCU CUGAUGAG GCCGUUAGGC CGAA IAUUGGAC         30610           10860         170         UCAAGGAC A ACACGCGG         12236         CCGCGUGU CUGAUGAG GCCGUUAGGC CGAA IUUGUCCU         30611           10863         167         AGGACAAC A CGCGGGC         12237         GCCCCGGG CUGAUGAG GCCGUUAGGC CGAA IUUGUCCU         30612           10872         158         CGCGGGGC A UUCCGCGU         12238         ACGCGGAA CUGAUGAG GCCGUUAGGC CGAA ICCCCGCG         30613           10876         154         GGGCAUUC C GCGUUUUA         12239         UAAAACGC CUGAUGAG GCCGUUAGGC CGAA IAAUGCC         30614           10887         143         GUUUUAGC A UAUUGACA         12240         UGUCAAUA CUGAUGAG GCCGUUAGGC CGAA IUCAAUAU         30615           10895         135         AUAUUGAC A GCCCGGCU 12241         AGCCGGGC CUGAUGAG GCCGUUAGGC CGAA ICCAAUAU         30616           10899         131         UGACAGC C CGGCUCUU 12242         AGAGCCC CUGAUGAG GCCGUUAGGC CGAA ICCAGCGCUAA         10818	<b></b>					
10850         180         UUCAGUCC A AUCAAGGA         12234         UCCUUGAU CUGAUGAG GCCGUUAGGC CGAA IGACUGAA         30609           10854         176         GUCCAAUC A AGGACAAC         12235         GUUGUCCU CUGAUGAG GCCGUUAGGC CGAA IAUUGGAC         30610           10860         170         UCAAGGAC A ACACGCGG         12236         CCGCGUGU CUGAUGAG GCCGUUAGGC CGAA IUCCUUGA         30611           10863         167         AGGACAAC A CGCGGGGC         12237         GCCCCGCG CUGAUGAG GCCGUUAGGC CGAA IUUGUCCU         30612           10872         158         CGCGGGGC A UUCCGCGU         12238         ACGCGGAA CUGAUGAG GCCGUUAGGC CGAA ICCCCGCG         30613           10876         154         GGGCAUUC C GCGUUUUA 12239         UAAAACGC CUGAUGAG GCCGUUAGGC CGAA IAAUGCCC         30614           10887         143         GUUUUAGC A UAUUGACA 12240         UGUCAAUA CUGAUGAG GCCGUUAGGC CGAA ICUAAAAC         30615           10895         135         AUAUUGAC A GCCCGGCU 12241         AGCCGGGC CUGAUGAG GCCGUUAGGC CGAA ICUAAAAC         30616           10898         132         UUGACAGC C GGCUCUU         12242         AAGAGCC CUGAUGAG GCCGUUAGGC CGAA ICUGUCAA         30617           10899         131         UGACAGC C GGCCCUU         12243         CAAGAGCC CUGAUGAG GCCGUUAGGC CGAA ICCCGGC         30618           10903				1		1
10854         176         GUCCAAUC A AGGACAAC         12235         GUUGUCCU CUGAUGAG GCCGUUAGGC CGAA IAUUGGAC         30610           10860         170         UCAAGGAC A ACACGCGG         12236         CCGCGUGU CUGAUGAG GCCGUUAGGC CGAA IUCCUUGA         30611           10863         167         AGGACAAC A CGCGGGC         12237         GCCCCGCG CUGAUGAG GCCGUUAGGC CGAA IUUGUCCU         30612           10872         158         CGCGGGGC A UUCCGCGU         12238         ACGCGGAA CUGAUGAG GCCGUUAGGC CGAA ICCCCGCG         30613           10876         154         GGGCAUUC C GCGUUUWA         12239         UAAAACGC CUGAUGAG GCCGUUAGGC CGAA IAAUGCCC         30614           10887         143         GUUUUAGC A UAUUGACA         12240         UGUCAAUA CUGAUGAG GCCGUUAGGC CGAA ICUAAAAC         30615           10895         135         AUAUUGAC A GCCCGGCU         12241         AGCCGGGC CUGAUGAG GCCGUUAGGC CGAA IUCAAUAU         30616           10898         132         UUGACAGC C CGGCUCUU         12242         AAGAGCC CUGAUGAG GCCGUUAGGC CGAA ICUGUCAA         30617           10899         131         UGACAGC C GGCUCUU         12243         CAAGAGCC CUGAUGAG GCCGUUAGGC CGAA ICCGGGC         30618           10903         127         AGCCCGGC U CUUGCCGG GCCCCCCCCCCCCCCCCCCC	-					-
10860 170 UCAAGGAC A ACACGCGG 12236 CCGCGUGU CUGAUGAG GCCGUUAGGC CGAA IUCCUUGA 30611 10863 167 AGGACAAC A CGCGGGGC 12237 GCCCCGCG CUGAUGAG GCCGUUAGGC CGAA IUUGUCCU 30612 10872 158 CGCGGGGC A UUCCGCGU 12238 ACGCGGAA CUGAUGAG GCCGUUAGGC CGAA ICCCCGCG 30613 10876 154 GGGCAUUC C GCGUUUUA 12239 UAAAAACGC CUGAUGAG GCCGUUAGGC CGAA IAAUGCCC 30614 10887 143 GUUUUAGC A UAUUGACA 12240 UGUCAAUA CUGAUGAG GCCGUUAGGC CGAA ICUAAAAC 30615 10895 135 AUAUUGAC A GCCCGGCU 12241 AGCCGGGC CUGAUGAG GCCGUUAGGC CGAA IUCAAUAU 30616 10898 132 UUGACAGC C CGGCUCUU 12242 AAGAGCCG CUGAUGAG GCCGUUAGGC CGAA ICUGAUAU 30617 10899 131 UGACAGC C GGCUCUU 12242 AAGAGCCG CUGAUGAG GCCGUUAGGC CGAA ICUGACA 30617 10903 127 AGCCCGGC U CUUGCCGG 12244 CCGGCAAG CUGAUGAG GCCGUUAGGC CGAA ICCGGGCU 30619 10905 125 CCCGGCUC U UGCCGGGC 12245 GCCCGGCA CUGAUGAG GCCGUUAGGC CGAA IAGCCGGG 30620 10909 121 GCUCUUGC C GGGCCCUC 12246 GAGGGCCC CUGAUGAG GCCGUUAGGC CGAA IAGCCGGG 30620 10914 116 UGCCGGGC C CUCCUGGU 12247 ACCAGGAG CUGAUGAG GCCGUUAGGC CGAA ICCAGGGC 30621 10915 115 GCCGGGCC C UCCUGGUU 12248 AACCAGGA CUGAUGAG GCCGUUAGGC CGAA ICCCGGCA 30622 10916 114 CCGGGCCC C UCCUGGUU 12249 AAACCAGGA CUGAUGAG GCCGUUAGGC CGAA IGCCCGGC 30624 10918 112 GGCCCCCC C UCGUGUU 12249 AAACCAGGA CUGAUGAG GCCGUUAGGC CGAA IAGGCCCGG 30624	<b></b>			4		<del></del>
10863 167 AGGACAAC A CGCGGGGC 12237 GCCCCGCG CUGAUGAG GCCGUUAGGC CGAA IUUGUCCU 30612 10872 158 CGCGGGGC A UUCCGCGU 12238 ACGCGGAA CUGAUGAG GCCGUUAGGC CGAA ICCCCGCG 30613 10876 154 GGGCAUUC C GCGUUUUA 12239 UAAAACGC CUGAUGAG GCCGUUAGGC CGAA IAAUGCCC 30614 10887 143 GUUUUAGC A UAUUGACA 12240 UGUCAAUA CUGAUGAG GCCGUUAGGC CGAA ICUAAAAC 30615 10895 135 AUAUUGAC A GCCCGGCU 12241 AGCCGGGC CUGAUGAG GCCGUUAGGC CGAA IUCAAUAU 30616 10898 132 UUGACAGC C CGGCUCUU 12242 AAGAGCCG CUGAUGAG GCCGUUAGGC CGAA ICUGUCAA 30617 10899 131 UGACAGCC C GGCUCUUG 12243 CAAGAGCCC CUGAUGAG GCCGUUAGGC CGAA ICCUGUCAA 30618 10903 127 AGCCCGGC U CUUGCCGG 12244 CCGGCAAG CUGAUGAG GCCGUUAGGC CGAA ICCGGGCU 30619 10905 125 CCCGGCUC U UGCCGGG 12245 GCCCGGCA CUGAUGAG GCCGUUAGGC CGAA IAGCCGGG 30620 10909 121 GCUCUUGC C GGGCCCUC 12246 GAGGGCCC CUGAUGAG GCCGUUAGGC CGAA ICCGGGCU 30621 10914 116 UGCCGGGC C CUCCUGGU 12247 ACCAGGAG CUGAUGAG GCCGUUAGGC CGAA ICCAGGCA 30622 10915 115 GCCGGGCC C UCCUGGUU 12248 AACCAGGA CUGAUGAG GCCGUUAGGC CGAA ICCCGGCA 30622 10916 114 CCGGGCCC U CCUGGUU 12249 AAACCAGG CUGAUGAG GCCGUUAGGC CGAA IGCCCGGC 30623 10918 112 GGGCCCUC C UGGUUUCU 12249 AAACCAGG CUGAUGAG GCCGUUAGGC CGAA IGGCCCGG 30624 10918 112 GGGCCCUC C UGGUUUU 12250 AGAAACCA CUGAUGAG GCCGUUAGGC CGAA IAGGGCCC 30625			· · · · · · · · · · · · · · · · · · ·	<del> </del>		
10872 158 CGCGGGGC A UUCCGCGU 12238 ACGCGGAA CUGAUGAG GCCGUUAGGC CGAA ICCCCGCG 30613 10876 154 GGGCAUUC C GCGUUUUA 12239 UAAAACGC CUGAUGAG GCCGUUAGGC CGAA IAAUGCCC 30614 10887 143 GUUUUAGC A UAUUGACA 12240 UGUCAAUA CUGAUGAG GCCGUUAGGC CGAA ICUAAAAC 30615 10895 135 AUAUUGAC A GCCCGGCU 12241 AGCCGGGC CUGAUGAG GCCGUUAGGC CGAA IUCAAUAU 30616 10898 132 UUGACAGC C CGGCUCUU 12242 AAGAGCCG CUGAUGAG GCCGUUAGGC CGAA ICUGUCAA 30617 10899 131 UGACAGCC C GGCUCUU 12243 CAAGAGCC CUGAUGAG GCCGUUAGGC CGAA ICUGUCAA 30618 10903 127 AGCCCGGC U CUUGCCGG 12244 CCGGCAAG CUGAUGAG GCCGUUAGGC CGAA ICCGGGCU 30619 10905 125 CCCGGCUC U UGCCGGGC 12245 GCCCGGCA CUGAUGAG GCCGUUAGGC CGAA IAGCCGGG 30620 10909 121 GCUCUUGC C GGGCCCUC 12246 GAGGGCC CUGAUGAG GCCGUUAGGC CGAA ICAAGAGC 30621 10914 116 UGCCGGGC C CUCCUGGU 12247 ACCAGGAG CUGAUGAG GCCGUUAGGC CGAA ICCCGGCA 30622 10915 115 GCCGGGCC C UCCUGGUU 12248 AACCAGGA CUGAUGAG GCCGUUAGGC CGAA ICCCGGCA 30623 10918 114 CCGGGCCC C CCCUGGUU 12249 AAACCAGG CUGAUGAG GCCGUUAGGC CGAA IGCCCGGC 30624 10918 112 GGGCCCUC C UGGUUUCU 12249 AAACCAGG CUGAUGAG GCCGUUAGGC CGAA IGGCCCGG 30624			<del></del>	<del></del>		
10876 154 GGGCAUUC C GCGUUUUA 12239 UAAAACGC CUGAUGAG GCCGUUAGGC CGAA IAAUGCCC 30614 10887 143 GUUUUAGC A UAUUGACA 12240 UGUCAAUA CUGAUGAG GCCGUUAGGC CGAA ICUAAAAC 30615 10895 135 AUAUUGAC A GCCCGGCU 12241 AGCCGGGC CUGAUGAG GCCGUUAGGC CGAA ICUAAAAC 30616 10898 132 UUGACAGC C CGGCUCUU 12242 AAGAGCCC CUGAUGAG GCCGUUAGGC CGAA ICUGUCAA 30617 10899 131 UGACAGCC C GGCUCUUG 12243 CAAGAGCC CUGAUGAG GCCGUUAGGC CGAA ICUGUCAA 30618 10903 127 AGCCCGGC U CUUGCCGG 12244 CCGGCAAG CUGAUGAG GCCGUUAGGC CGAA ICCGGGCU 30619 10905 125 CCCGGCUC U UGCCGGG 12245 GCCCGGCA CUGAUGAG GCCGUUAGGC CGAA IAGCCGGG 30620 10909 121 GCUCUUGC C GGGCCCUC 12246 GAGGGCC CUGAUGAG GCCGUUAGGC CGAA ICAAGAGC 30621 10914 116 UGCCGGGC C CUCCUGGU 12247 ACCAGGAG CUGAUGAG GCCGUUAGGC CGAA ICCCGGCA 30622 10915 115 GCCGGGCC C UCCUGGUU 12248 AACCAGGA CUGAUGAG GCCGUUAGGC CGAA IGCCCGGC 30623 10918 114 CCGGGCCC C UGGUUUU 12249 AAACCAGG CUGAUGAG GCCGUUAGGC CGAA IGGCCGG 30624 10918 112 GGGCCCUC C UGGUUUCU 12250 AGAAACCA CUGAUGAG GCCGUUAGGC CGAA IAGGCCC 30625			<del></del>	<del></del>		
10887 143 GUUUUAGC A UAUUGACA 12240 UGUCAAUA CUGAUGAG GCCGUUAGGC CGAA ICUAAAAC 30615 10895 135 AUAUUGAC A GCCCGGCU 12241 AGCCGGGC CUGAUGAG GCCGUUAGGC CGAA IUCAAUAU 30616 10898 132 UUGACAGC C CGGCUCUU 12242 AAGAGCCG CUGAUGAG GCCGUUAGGC CGAA ICUGUCAA 30617 10899 131 UGACAGCC C GGCUCUUG 12243 CAAGAGCC CUGAUGAG GCCGUUAGGC CGAA ICUGUCAA 30618 10903 127 AGCCCGGC U CUUGCCGG 12244 CCGGCAAG CUGAUGAG GCCGUUAGGC CGAA ICCGGGCU 30619 10905 125 CCCGGCUC U UGCCGGG 12245 GCCCGGCA CUGAUGAG GCCGUUAGGC CGAA IAGCCGGG 30620 10909 121 GCUCUUGC C GGGCCCUC 12246 GAGGGCC CUGAUGAG GCCGUUAGGC CGAA ICAAGAGC 30621 10914 116 UGCCGGGC C CUCCUGGU 12247 ACCAGGAG CUGAUGAG GCCGUUAGGC CGAA ICCCGGCA 30622 10915 115 GCCGGGCC C UCCUGGUU 12248 AACCAGGA CUGAUGAG GCCGUUAGGC CGAA IGCCCGGC 30623 10916 114 CCGGGCCC U CCUGGUU 12249 AAACCAGG CUGAUGAG GCCGUUAGGC CGAA IGCCCGGC 30624 10918 112 GGGCCCUC C UGGUUUCU 12250 AGAAACCA CUGAUGAG GCCGUUAGGC CGAA IAGGCCC 30625			<del></del>			
10895 135 AUAUUGAC A GCCCGGCU 12241 AGCCGGGC CUGAUGAG GCCGUUAGGC CGAA IUCAAUAU 30616 10898 132 UUGACAGC C CGGCUCUU 12242 AAGAGCCG CUGAUGAG GCCGUUAGGC CGAA ICUGUCAA 30617 10899 131 UGACAGCC C GGCUCUUG 12243 CAAGAGCC CUGAUGAG GCCGUUAGGC CGAA ICUGUCAA 30618 10903 127 AGCCCGGC U CUUGCCGG 12244 CCGGCAAG CUGAUGAG GCCGUUAGGC CGAA ICCGGGCU 30619 10905 125 CCCGGCUC U UGCCGGG 12245 GCCCGGCA CUGAUGAG GCCGUUAGGC CGAA IAGCCGGG 30620 10909 121 GCUCUUGC C GGGCCCUC 12246 GAGGGCC CUGAUGAG GCCGUUAGGC CGAA ICAAGAGC 30621 10914 116 UGCCGGGC C CUCCUGGU 12247 ACCAGGAG CUGAUGAG GCCGUUAGGC CGAA ICCCGGCA 30622 10915 115 GCCGGGCC C UCCUGGUU 12248 AACCAGGA CUGAUGAG GCCGUUAGGC CGAA IGCCCGGC 30623 10916 114 CCGGGCCC U CCUGGUU 12249 AAACCAGG CUGAUGAG GCCGUUAGGC CGAA IGCCCGGC 30624 10918 112 GGGCCCUC C UGGUUUCU 12250 AGAAACCA CUGAUGAG GCCGUUAGGC CGAA IAGGGCCC 30625						30614
10898 132 UUGACAGC C CGGCUCUU 12242 AAGAGCCG CUGAUGAG GCCGUUAGGC CGAA ICUGUCAA 30617 10899 131 UGACAGCC C GGCUCUUG 12243 CAAGAGCC CUGAUGAG GCCGUUAGGC CGAA IGCUGUCA 30618 10903 127 AGCCCGGC U CUUGCCGG 12244 CCGGCAAG CUGAUGAG GCCGUUAGGC CGAA ICCGGGCU 30619 10905 125 CCCGGCUC U UGCCGGGC 12245 GCCCGGCA CUGAUGAG GCCGUUAGGC CGAA IAGCCGGG 30620 10909 121 GCUCUUGC C GGGCCCUC 12246 GAGGGCCC CUGAUGAG GCCGUUAGGC CGAA ICAAGAGC 30621 10914 116 UGCCGGGC C CUCCUGGU 12247 ACCAGGAG CUGAUGAG GCCGUUAGGC CGAA ICCCGGCA 30622 10915 115 GCCGGGCC C UCCUGGUU 12248 AACCAGGA CUGAUGAG GCCGUUAGGC CGAA IGCCCGGC 30623 10916 114 CCGGGCCC U CCUGGUU 12249 AAACCAGG CUGAUGAG GCCGUUAGGC CGAA IGCCCGGC 30624 10918 112 GGGCCCUC C UGGUUUCU 12250 AGAAACCA CUGAUGAG GCCGUUAGGC CGAA IAGGGCCC 30625			GUUUUAGC A UAUUGACA	12240		30615
10899 131 UGACAGCC C GGCUCUUG 12243 CAAGAGCC CUGAUGAG GCCGUUAGGC CGAA IGCUGUCA 30618 10903 127 AGCCCGGC U CUUGCCGG 12244 CCGGCAAG CUGAUGAG GCCGUUAGGC CGAA ICCGGGCU 30619 10905 125 CCCGGCUC U UGCCGGGC 12245 GCCCGGCA CUGAUGAG GCCGUUAGGC CGAA IAGCCGGG 30620 10909 121 GCUCUUGC C GGGCCCUC 12246 GAGGGCCC CUGAUGAG GCCGUUAGGC CGAA ICAAGAGC 30621 10914 116 UGCCGGGC C CUCCUGGU 12247 ACCAGGAG CUGAUGAG GCCGUUAGGC CGAA ICCCGGCA 30622 10915 115 GCCGGGCC C UCCUGGUU 12248 AACCAGGA CUGAUGAG GCCGUUAGGC CGAA IGCCCGGC 30623 10916 114 CCGGGCCC U CCUGGUUU 12249 AAACCAGG CUGAUGAG GCCGUUAGGC CGAA IGGCCCGG 30624 10918 112 GGGCCCUC C UGGUUUCU 12250 AGAAACCA CUGAUGAG GCCGUUAGGC CGAA IAGGGCCC 30625	10895	135	AUAUUGAC A GCCCGGCU	12241	AGCCGGGC CUGAUGAG GCCGUUAGGC CGAA IUCAAUAU	30616
10899 131 UGACAGCC C GGCUCUIG 12243 CAAGAGCC CUGAUGAG GCCGUUAGGC CGAA IGCUGUCA 30618 10903 127 AGCCCGGC U CUUGCCGG 12244 CCGGCAAG CUGAUGAG GCCGUUAGGC CGAA ICCGGGCU 30619 10905 125 CCCGGCUC U UGCCGGGC 12245 GCCCGGCA CUGAUGAG GCCGUUAGGC CGAA IAGCCGGG 30620 10909 121 GCUCUUGC C GGGCCCUC 12246 GAGGGCCC CUGAUGAG GCCGUUAGGC CGAA ICAAGAGC 30621 10914 116 UGCCGGGC C CUCCUGGU 12247 ACCAGGAG CUGAUGAG GCCGUUAGGC CGAA ICCCGGCA 30622 10915 115 GCCGGGCC C UCCUGGUU 12248 AACCAGGA CUGAUGAG GCCGUUAGGC CGAA IGCCCGGC 30623 10916 114 CCGGGCCC U CCUGGUUU 12249 AAACCAGGA CUGAUGAG GCCGUUAGGC CGAA IGCCCGGC 30624 10918 112 GGGCCCUC C UGGUUUCU 12250 AGAAACCA CUGAUGAG GCCGUUAGGC CGAA IAGGGCCC 30625	10898	132	UUGACAGC C CGGCUCUU	12242	AAGAGCCG CUGAUGAG GCCGUUAGGC CGAA ICUGUCAA	30617
10903 127 AGCCCGGC U CUUGCCGG 12244 CCGGCAAG CUGAUGAG GCCGUUAGGC CGAA ICCGGGCU 30619 10905 125 CCCGGCUC U UGCCGGGC 12245 GCCCGGCA CUGAUGAG GCCGUUAGGC CGAA IAGCCGGG 30620 10909 121 GCUCUUGC C GGGCCCUC 12246 GAGGGCCC CUGAUGAG GCCGUUAGGC CGAA ICAAGAGC 30621 10914 116 UGCCGGGC C CUCCUGGU 12247 ACCAGGAG CUGAUGAG GCCGUUAGGC CGAA ICCCGGCA 30622 10915 115 GCCGGGCC C UCCUGGUU 12248 AACCAGGA CUGAUGAG GCCGUUAGGC CGAA IGCCCGGC 30623 10916 114 CCGGGCCC U CCUGGUUU 12249 AAACCAGG CUGAUGAG GCCGUUAGGC CGAA IGGCCCGG 30624 10918 112 GGGCCCUC C UGGUUUCU 12250 AGAAACCA CUGAUGAG GCCGUUAGGC CGAA IAGGGCCC 30625	10899	131	UGACAGCC C GGCUCUUG	12243		<del></del>
10905 125 CCCGGCUC U UGCCGGGC 12245 GCCCGGCA CUGAUGAG GCCGUUAGGC CGAA IAGCCGGG 30620 10909 121 GCUCUUGC C GGGCCCUC 12246 GAGGGCCC CUGAUGAG GCCGUUAGGC CGAA ICAAGAGC 30621 10914 116 UGCCGGGC C CUCCUGGU 12247 ACCAGGAG CUGAUGAG GCCGUUAGGC CGAA ICCCGGCA 30622 10915 115 GCCGGGCC C UCCUGGUU 12248 AACCAGGA CUGAUGAG GCCGUUAGGC CGAA IGCCCGGC 30623 10916 114 CCGGGCCC U CCUGGUUU 12249 AAACCAGG CUGAUGAG GCCGUUAGGC CGAA IGCCCGGC 30624 10918 112 GGGCCCUC C UGGUUUCU 12250 AGAAACCA CUGAUGAG GCCGUUAGGC CGAA IAGGGCCC 30625	10903	127	AGCCCGGC U CUUGCCGG	12244		<del></del>
10909 121 GCUCUUGC C GGGCCCUC 12246 GAGGGCCC CUGAUGAG GCCGUUAGGC CGAA ICAAGAGC 30621 10914 116 UGCCGGGC C CUCCUGGU 12247 ACCAGGAG CUGAUGAG GCCGUUAGGC CGAA ICCCGGCA 30622 10915 115 GCCGGGCC C UCCUGGUU 12248 AACCAGGA CUGAUGAG GCCGUUAGGC CGAA IGCCCGGC 30623 10916 114 CCGGGCCC U CCUGGUUU 12249 AAACCAGG CUGAUGAG GCCGUUAGGC CGAA IGGCCCGG 30624 10918 112 GGGCCCUC C UGGUUUCU 12250 AGAAACCA CUGAUGAG GCCGUUAGGC CGAA IAGGGCCC 30625	10905	125				<del></del>
10914 116 UGCCGGGC C CUCCUGGU 12247 ACCAGGAG CUGAUGAG GCCGUUAGGC CGAA ICCCGGCA 30622 10915 115 GCCGGGCC C UCCUGGUU 12248 AACCAGGA CUGAUGAG GCCGUUAGGC CGAA IGCCCGGC 30623 10916 114 CCGGGCCC U CCUGGUUU 12249 AAACCAGG CUGAUGAG GCCGUUAGGC CGAA IGGCCCGG 30624 10918 112 GGGCCCUC C UGGUUUCU 12250 AGAAACCA CUGAUGAG GCCGUUAGGC CGAA IAGGGCCC 30625						
10915 115 GCCGGGCC C UCCUGGUU 12248 AACCAGGA CUGAUGAG GCCGUUAGGC CGAA IGCCCGGC 30623 10916 114 CCGGGCCC U CCUGGUUU 12249 AAACCAGG CUGAUGAG GCCGUUAGGC CGAA IGGCCCGG 30624 10918 112 GGGCCCUC C UGGUUUCU 12250 AGAAACCA CUGAUGAG GCCGUUAGGC CGAA IAGGGCCC 30625				· · · · · · · · · · · · · · · · · · ·		
10916 114 CCGGGCCC U CCUGGUUU 12249 AAACCAGG CUGAUGAG GCCGUUAGGC CGAA IGGCCCGG 30624 10918 112 GGGCCCUC C UGGUUUCU 12250 AGAAACCA CUGAUGAG GCCGUUAGGC CGAA IAGGGCCC 30625						<del></del>
10918 112 GGGCCCUC C UGGUUUCU 12250 AGAAACCA CUGAUGAG GCCGUUAGGC CGAA IAGGGCCC 30625	-					
10010 111 CCCCCCCC II CCCCCCC SCCC				<del></del>		
10919 111   GGCCCUCC U GGUUUCUU   12251   AAGAAACC CUGAUGAG GCCGUUAGGC CGAA IGAGGGCC   30626			<del></del>			<del></del>
	10313		GGCCCCCC O GGUUUCUU	12251	AAGAAACC CUGAUGAG GCCGUUAGGC CGAA IGAGGGCC	30626

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### Table IX

10926	104	CUGGUUUC U UAGACAUC	12252	GAUGUCUA CUGAUGAG GCCGUUAGGC CGAA IAAACCAG	30627
10932	98	UCUUAGAC A UCGAGAUC	12253	GAUCUCGA CUGAUGAG GCCGUUAGGC CGAA IUCUAAGA	30628
10941	89	UCGAGAUC U UCGUGCUA	12254	UAGCACGA CUGAUGAG GCCGUUAGGC CGAA IAUCUCGA	30629
10948	82	CUUCGUGC U AAGAAACA	12255	UGUUUCUU CUGAUGAG GCCGUUAGGC CGAA ICACGAAG	30630
10956	74	UAAGAAAC A GCUCGCAC	12256	GUGCGAGC CUGAUGAG GCCGUUAGGC CGAA IUUUCUUA	30631
10959	71	GAAACAGC U CGCACUGU	12257	ACAGUGCG CUGAUGAG GCCGUUAGGC CGAA ICUGUUUC	30632
10963	67	CAGCUCGC A CUGUGUUA	12258	UAACACAG CUGAUGAG GCCGUUAGGC CGAA ICGAGCUG	30633
10965	65	GCUCGCAC U GUGUUAAU	12259	AUUAACAC CUGAUGAG GCCGUUAGGC CGAA IUGCGAGC	30634
10985	45	UGUUAAUC C UCACAAAC	12260	GUUUGUGA CUGAUGAG GCCGUUAGGC CGAA IAUUAACA	30635
10986	44	GUUAAUCC U CACAAACA	12261	UGUUUGUG CUGAUGAG GCCGUUAGGC CGAA IGAUUAAC	30636
10988	42	UAAUCCUC A CAAACACU	12262	AGUGUUUG CUGAUGAG GCCGUUAGGC CGAA IAGGAUUA	30637
10990	40	AUCCUCAC A AACACUAC	12263	GUAGUGUU CUGAUGAG GCCGUUAGGC CGAA IUGAGGAU	30638
10994	36	UCACAAAC A CUACUAAG	12264	CUUAGUAG CUGAUGAG GCCGUUAGGC CGAA IUUUGUGA	30639
10996	34	ACAAACAC U ACUAAGUU	12265	AACUUAGU CUGAUGAG GCCGUUAGGC CGAA IUGUUUGU	30640
10999	31	AACACUAC U AAGUUUGU	12266	ACAAACUU CUGAUGAG GCCGUUAGGC CGAA IUAGUGUU	30641
11009	21	AGUUUGUC A GCUCACAC	12267	GUGUGAGC CUGAUGAG GCCGUUAGGC CGAA IACAAACU	30642
11012	18	UUGUCAGC U CACACAGG	12268	CCUGUGUG CUGAUGAG GCCGUUAGGC CGAA ICUGACAA	30643
11014	16	GUCAGCUC A CACAGGCG	12269	CGCCUGUG CUGAUGAG GCCGUUAGGC CGAA IAGCUGAC	30644
11016	14	CAGCUCAC A CAGGCGAA	12270	UUCGCCUG CUGAUGAG GCCGUUAGGC CGAA IUGAGCUG	30645
11018	12	GCUCACAC A GGCGAACU	12271	AGUUCGCC CUGAUGAG GCCGUUAGGC CGAA IUGUGAGC	30646

Input Sequence = AF196835_rc. Cut Site = CH/.

Arm Length = 8. Core Sequence = CUGAUGAG GCCGUUAGGC CGAA

AF196835_rc reverse complement of West Nile virus strain NY99flamingo382-99, complete genome

Table X: WNV minus strand Zinzyme and Target Sequence

Pos	Pos	Substrate	Seq ID	Ribozyme	Rz Seq
	(+str)			 	ID
10	11020	GAUCCUGU G UUCUCGCA	12272	UGCGAGAA GCCGAAAGGCGAGUGAGGUCU ACAGGAUC	30647
16	11014	GUGUUCUC G CACCACCA	12273	UGGUGGUG GCCGAAAGGCGAGUGAGGUCU GAGAACAC	30648
25	11005	CACCACCA G CCACCAUU	12274	AAUGGUGG GCCGAAAGGCGAGUGAGGUCU UGGUGGUG	30649
34	10996	CCACCAUU G UCGGCGCA	12275	UGCGCCGA GCCGAAAGGCGAGUGAGGUCU AAUGGUGG	30650
38	10992	CAUUGUCG G CGCACUGU	12276	ACAGUGCG GCCGAAAGGCGAGUGAGGUCU CGACAAUG	30651
40	10990	UUGUCGGC G CACUGUGC	12277	GCACAGUG GCCGAAAGGCGAGUGAGGUCU GCCGACAA	30652
45	10985	GGCGCACU G UGCCGUGU	12278	ACACGGCA GCCGAAAGGCGAGUGAGGUCU AGUGCGCC	30653
47	10983	CGCACUGU G CCGUGUGG	12279	CCACACGG GCCGAAAGGCGAGUGAGGUCU ACAGUGCG	30654
50	10980	ACUGUGCC G UGUGGCUG	12280	CAGCCACA GCCGAAAGGCGAGUGAGGUCU GGCACAGU	30655
52	10978	UGUGCCGU G UGGCUGGU	12281	ACCAGCCA GCCGAAAGGCGAGUGAGGUCU ACGGCACA	30656
55	10975	GCCGUGUG G CUGGUUGU	12282	ACAACCAG GCCGAAAGGCGAGUGAGGUCU CACACGGC	30657
59	10971	UGUGGCUG G UUGUGCAG	12283	CUGCACAA GCCGAAAGGCGAGUGAGGUCU CAGCCACA	30658
62	10968	GGCUGGUU G UGCAGAGC	12284	GCUCUGCA GCCGAAAGGCGAGUGAGGUCU AACCAGCC	30659
64	10966	CUGGUUGU G CAGAGCAG	12285	CUGCUCUG GCCGAAAGGCGAGUGAGGUCU ACAACCAG	30660
69	10961	UGUGCAGA G CAGAAGAU	12286	AUCUUCUG GCCGAAAGGCGAGUGAGGUCU UCUGCACA	30661
<u> </u>	10946	AUCUCCUA G UCUAUCCC	12287	GGGAUAGA GCCGAAAGGCGAGUGAGGUCU UAGGAGAU	30662
84			<del> </del>		<del></del>
95	10935	UAUCCCAG G UGUCAAUA	12288	UAUUGACA GCCGAAAGGCGAGUGAGGUCU CUGGGAUA	30663
97	10933	UCCCAGGU G UCAAUAUG	12289	CAUAUUGA GCCGAAAGGCGAGUGAGGUCU ACCUGGGA	30664
105	10925	GUCAAUAU G CUGUUUUG	12290	CAAAACAG GCCGAAAGGCGAGUGAGGUCU AUAUUGAC	30665
108	10922	AAUAUGCU G UUUUGUUG	12291	CAACAAAA GCCGAAAGGCGAGUGAGGUCU AGCAUAUU	30666
113	10917	GCUGUUUU G UUGUGGUG	12292	CACCACAA GCCGAAAGGCGAGUGAGGUCU AAAACAGC	3,0667
116	10914	GUUUUGUU G UGGUGUUU	12293	AAACACCA GCCGAAAGGCGAGUGAGGUCU AACAAAAC	30668
119	10911	UUGUUGUG G UGUUUUGU	12294	ACAAAACA GCCGAAAGGCGAGUGAGGUCU CACAACAA	30669
121	10909	GUUGUGGU G UUUUGUGG	12295	CCACAAAA GCCGAAAGGCGAGUGAGGUCU ACCACAAC	30670
126	10904	GGUGUUUU G UGGCACGG	12296	CCGUGCCA GCCGAAAGGCGAGUGAGGUCU AAAACACC	30671
129	10901	GUUUUGUG G CACGGGGU	12297	ACCCCGUG GCCGAAAGGCGAGUGAGGUCU CACAAAAC	30672
136	10894	GGCACGGG G UCUCCACU	12298	AGUGGAGA GCCGAAAGGCGAGUGAGGUCU CCCGUGCC	30673
153	10877	AACCUCUA G UCCUUCCC	12299	GGGAAGGA GCCGAAAGGCGAGUGAGGUCU UAGAGGUU	30674
172	10858	GACCUACA G CUUCAGUC	12300	GACUGAAG GCCGAAAGGCGAGUGAGGUCU UGUAGGUC	30675
178	10852	CAGCUUCA G UCAGGCUG	12301	CAGCCUGA GCCGAAAGGCGAGUGAGGUCU UGAAGCUG	30676
183	10847	UCAGUCAG G CUGGGCCG	12302	CGGCCCAG GCCGAAAGGCGAGUGAGGUCU CUGACUGA	30677
188	10842	CAGGCUGG G CCGUGCAC	12303	GUGCACGG GCCGAAAGGCGAGUGAGGUCU CCAGCCUG	30678
191	10839	GCUGGGCC G UGCACUUU	12304	AAAGUGCA GCCGAAAGGCGAGUGAGGUCU GGCCCAGC	30679
193	10837	UGGGCCGU G CACUUUAA	12305	UUAAAGUG GCCGAAAGGCGAGUGAGGUCU ACGGCCCA	30680
205	10825	UUUAAACC G CGGGGUCU	12306	AGACCCCG GCCGAAAGGCGAGUGAGGUCU GGUUUAAA	30681
210	10820	ACCGCGGG G UCUCCUCU	12307	AGAGGAGA GCCGAAAGGCGAGUGAGGUCU CCCGCGGU	30682
227	10803	AACCUCUA G UCCUUUCG	12308	CGAAAGGA GCCGAAAGGCGAGUGAGGUCU UAGAGGUU	30683
235	10795	GUCCUUUC G CCCUGGUU	12309	AACCAGGG GCCGAAAGGCGAGUGAGGUCU GAAAGGAC	30684
241	10789	UCGCCCUG G UUAACACC	12310	GGUGUUAA GCCGAAAGGCGAGUGAGGUCU CAGGGCGA	<del> </del>
1	<del></del>				30685
259	10771	UUACCGGG G CUAGGGCC	12311	GGCCCUAG GCCGAAAGGCGAGUGAGGUCU CCCGGUAA	30686
265	10765	GGGCUAGG G CCGCGUGG	12312	CCACGCGG GCCGAAAGGCGAGUGAGGUCU CCUAGCCC	30687
268	10762	CUAGGGCC G CGUGGGGC	12313	GCCCCACG GCCGAAAGGCGAGUGAGUCU GGCCCUAG	30688
270	10760	AGGGCCGC G UGGGGCGU	12314	ACGCCCA GCCGAAAGGCGAGUGAGGUCU GCGGCCCU	30689
275	10755	.CGCGUGGG G CGUUGGUU	12315	AACCAACG GCCGAAAGGCGAGUGAGGUCU CCCACGCG	30690
277	10753	CGUGGGC G UUGGUUUG	12316		30691
281	10749	GGGCGUUG G UUUGCCUU	12317		30692
285	10745	GUUGGUUU G CCUUUGUU	12318	AACAAAGG GCCGAAAGGCGAGUGAGGUCU AAACCAAC	30693
291	10739	UUGCCUUU G UUAACCCA	12319	UGGGUUAA GCCGAAAGGCGAGUGAGGUCU AAAGGCAA	30694
300	10730	UUAACCCA G UCCUCCUG	12320	CAGGAGGA GCCGAAAGGCGAGUGAGGUCU UGGGUUAA	30695
311	10719	CUCCUGGG G CACUAUCG	12321	CGAUAGUG GCCGAAAGGCGAGUGAGGUCU CCCAGGAG	30696
319	10711	GCACUAUC G CAGACUGC	12322	GCAGUCUG GCCGAAAGGCGAGUGAGGUCU GAUAGUGC	30697
326	10704	CGCAGACU G CACUCUCC	12323	GGAGAGUG GCCGAAAGGCGAGUGAGGUCU AGUCUGCG	30698
335	10695	CACUCUCC G CAGAGUAG	12324	CUACUCUG GCCGAAAGGCGAGUGAGGUCU GGAGAGUG	30699
340	10690	UCCGCAGA G UAGCACGC	12325	<u> </u>	30700
343	10687	GCAGAGUA G CACGCCGU	12326	ACGGCGUG GCCGAAAGGCGAGUGAGGUCU UACUCUGC	30701
347	10683	AGUAGCAC G CCGUAGCG	12327	CGCUACGG GCCGAAAGGCGAGUGAGGUCU GUGCUACU	30702
350	10680	AGCACGCC G UAGCGUGG	12328	CCACGCUA GCCGAAAGGCGAGUGAGGUCU GGCGUGCU	30703
353	10677	ACGCCGUA G CGUGGUCU	12329	AGACCACG GCCGAAAGGCGAGUGAGGUCU UACGGCGU	30704
	L		1-2343	טטטטאטטטאטטסאטטטאטטטטטטטטטטטטטטטטטטטטט	1 30/04

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5	10675	GCCGUAGC G UGGUCUGA	12330	UCAGACCA	GCCGAAAGGCGAGUGAGGUCU	GCUACGGC	
3	10672	GUAGCGUG G UCUGACAU	12331	AUGUCAGA	GCCGAAAGGCGAGUGAGGUCU	CACGCUAC	

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370	10660	GACAUUGG G CUUUGAAG	12332	CUUCAAAG GCCGAAAGGCGAGUGAGGUCU CCAAUGUC	30707
378	10652	GCUUUGAA G UUACAACA	12333	UGUUGUAA GCCGAAAGGCGAGUGAGGUCU UUCAAAGC	30708
388	10642	UACAACAU G UGGGGUCC	12334	GGACCCCA GCCGAAAGGCGAGUGAGGUCU AUGUUGUA	30709
393	10637	CAUGUGGG G UCCUCCUU	12335	AAGGAGGA GCCGAAAGGCGAGUGAGGUCU CCCACAUG	30710
410	10620	CCGAGACG G UUCUGAGG	12336	CCUCAGAA GCCGAAAGGCGAGUGAGGUCU CGUCUCGG	30711
419	10611	UUCUGAGG G CUUACAUG	12337	CAUGUAAG GCCGAAAGGCGAGUGAGGUCU CCUCAGAA	30712
437	10593	AUCACUUC G CGGCUUUG	12338	CAAAGCCG GCCGAAAGGCGAGUGAGUCU GAAGUGAU	30713
440	10590	ACUUCGCG G CUUUGUUC	12339	GAACAAAG GCCGAAAGGCGAGUGAGGUCU CGCGAAGU	30714
445	10585	GCGGCUUU G UUCACCCA	12340	UGGGUGAA GCCGAAAGGCGAGUGAGGUCU AAAGCCGC	30715
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465	10565	CUCCUGGG G UUGAGUCG	12342	CGACUCAA GCCGAAAGGCGAGUGAGGUCU CCCAGGAG	30717
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477	10553	AGUCGCAG G CAGCACCG	12345	CGGUGCUG GCCGAAAGGCGAGUGAGGUCU CUGCGACU	30720
480	10550	CGCAGGCA G CACCGUCU	12346	AGACGGUG GCCGAAAGGCGAGUGAGGUCU UGCCUGCG	30721
485	10545	GCAGCACC G UCUACUCA	12347	UGAGUAGA GCCGAAAGGCGAGUGAGGUCU GGUGCUGC	30722
501	10529	AACUUCCG G UGGCGGGA	12348	UCCCGCCA GCCGAAAGGCGAGUGAGGUCU CGGAAGUU	30723
504	10526	UUCCGGUG G CGGGAACU	12349	AGUUCCCG GCCGAAAGGCGAGUGAGGUCU CACCGGAA	30724
518	10512	ACUUCCCG G CCUGACUU	12350	AAGUCAGG GCCGAAAGGCGAGUGAGGUCU CGGGAAGU	30725
595	10435	ACUUUUAU G CAUACUUA	12351	UAAGUAUG GCCGAAAGGCGAGUGAGGUCU AUAAAAGU	30726
608	10422	CUUAUAUU G UCUAUUUA	12352	UAAAUAGA GCCGAAAGGCGAGUGAGGUCU AAUAUAAG	30727
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644	10386	AGUACUGU G UCCUCAAC	12355	GUUGAGGA GCCGAAAGGCGAGUGAGGUCU ACAGUACU	30730
657	10373	CAACCAAA G UUGUGUCU	12356	AGACACAA GCCGAAAGGCGAGUGAGGUCU UUUGGUUG	30731
660	10370	CCAAAGUU G UGUCUUCA	12357	UGAAGACA GCCGAAAGGCGAGUGAGGUCU AACUUUGG	30732
662	10368	AAAGUUGU G UCUUCAUA	12358	UAUGAAGA GCCGAAAGGCGAGUGAGGUCU ACAACUUU	30733
679	10351	UCUCUUUA G UGAACUCA	12359	UGAGUUCA GCCGAAAGGCGAGUGAGGUCU UAAAGAGA	30734
689	10341	GAACUCAU G UAAUCCAC	12360	GUGGAUUA GCCGAAAGGCGAGUGAGGUCU AUGAGUUC	30735
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731	10299	CUGACUUG G UUGAUAGC	12362	GCUAUCAA GCCGAAAGGCGAGUGAGGUCU CAAGUCAG	30737
738	10292	GGUUGAUA G CCACCUGG	12363	CCAGGUGG GCCGAAAGGCGAGUGAGGUCU UAUCAACC	30738
749	10281	ACCUGGAU G UUUUCUGC	12364	GCAGAAAA GCCGAAAGGCGAGUGAGGUCU AUCCAGGU	30739
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1004	10026	CAAAUGGC G UUGGCCAU	12389	AUGGCCAA GCCGAAAGGCGAGUGAGGUCU GCCAUUUG	30764
1008	10022	UGGCGUUG G CCAUGAGC	12390	GCUCAUGG GCCGAAAGGCGAGUGAGGUCU CAACGCCA	30765
1015	10015	GGCCAUGA G CCGCAGGU	12391	ACCUGCGG GCCGAAAGGCGAGUGAGGUCU UCAUGGCC	30766

1018	10012	CAUGAGCC G CAGGUCUC	12392	GAGACCUG GCCGAAAGGCGAGUGAGGUCU GGCUCAUG	30767
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1048	9982	CAGAAGCA G CCACAUCU	12397	AGAUGUGG GCCGAAAGGCGAGUGAGGUCU UGCUUCUG	30772
1059	9971	ACAUCUGG G CAUAAGAC	12398	GUCUUAUG GCCGAAAGGCGAGUGAGGUCU CCAGAUGU	30773
1071	9959	AAGACUUA G CCAGACAA	12399	UUGUCUGG GCCGAAAGGCGAGUGAGGUCU UAAGUCUU	30774
1080	9950	CCAGACAA G CAGUGUCG	12400	CGACACUG GCCGAAAGGCGAGUGAGGUCU UUGUCUGG	30775
1083	9947	GACAAGCA G UGUCGCGG	12401	CCGCGACA GCCGAAAGGCGAGUGAGGUCU UGCUUGUC	30776
1085	9945	CAAGCAGU G UCGCGGAC	12402	GUCCGCGA GCCGAAAGGCGAGUGAGGUCU ACUGCUUG	30777
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1194	9836	UCAAUUCA G UGAAAUGG	12413	CCAUUUCA GCCGAAAGGCGAGUGAGGUCU UGAAUUGA	30788
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1208	9822	UGGUUUGA G CAAAAUGG	12415	CCAUUUUG GCCGAAAGGCGAGUGAGGUCU UCAAACCA	30790
1222	9808	UGGAACCU G CUGCCAAU	12416	AUUGGCAG GCCGAAAGGCGAGUGAGGUCU AGGUUCCA	30791
1225	9805	AACCUGCU G CCAAUCAU	12417	AUGAUUGG GCCGAAAGGCGAGUGAGGUCU AGCAGGUU	30792
1242	9788	ACCAUCCA G UUGACGGU	12418	ACCGUCAA GCCGAAAGGCGAGUGAGGUCU UGGAUGGU	30793
1249	9781	AGUUGACG G UUUCCACU	12419	AGUGGAAA GCCGAAAGGCGAGUGAGGUCU CGUCAACU	30794
1265	9765	UCUUGGAU G UCUUUGCG	12420	CGCAAAGA GCCGAAAGGCGAGUGAGGUCU AUCCAAGA	30795
1271	9759	AUGUCUUU G CGAACCUU	12421	AAGGUUCG GCCGAAAGGCGAGUGAGGUCU AAAGACAU	30796
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1298	9732	UUGAGGAA G UGGAGCGA	12423	UCGCUCCA GCCGAAAGGCGAGUGAGGUCU UUCCUCAA	30798
1303	9727	GAAGUGGA G CGAGGUGG	12424	CCACCUCG GCCGAAAGGCGAGUGAGGUCU UCCACUUC	30799
1308	9722	GGAGCGAG G UGGCAAAG	12425	CUUUGCCA GCCGAAAGGCGAGUGAGGUCU CUCGCUCC	30800
1311	9719	GCGAGGUG G CAAAGCGA	12426	UCGCUUUG GCCGAAAGGCGAGUGAGGUCU CACCUCGC	30801
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1330	9700	GUCCAGGG G CUUUACCA	12429	UGGUAAAG GCCGAAAGGCGAGUGAGGUCU CCCUGGAC	30804
1343	9687	ACCACACA G UCAUCUCC	12430	GGAGAUGA GCCGAAAGGCGAGUGAGGUCU UGUGUGGU	30805
1359	9671	CACUGACA G CCAUGCGG	12431	CCGCAUGG GCCGAAAGGCGAGUGAGGUCU UGUCAGUG	30806
1364	9666	ACAGCCAU G CGGCUGAG	12432	CUCAGCCG GCCGAAAGGCGAGUGAGGUCU AUGGCUGU	30807
1367	9663	GCCAUGCG G CUGAGUCU	12433	AGACUCAG GCCGAAAGGCGAGUGAGGUCU CGCAUGGC	30808
1372	9658	GCGGCUGA G UCUUUCUU	12434	AAGAAAGA GCCGAAAGGCGAGUGAGGUCU UCAGCCGC	30809
1396	9634	CUCAAACA G CCAGGUCC	12435		30810
1401	9629	ACAGCCAG G UCCUGACU	12436		30811
1414	9616	GACUUUGG G UCCUUUCC	12437	<u> </u>	30812
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1593	9437	CAUCAGCA G CCGGGCGC	12453		30827
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1598   9432   CORRCICUS C COLUNCIAL   12455   ANGRAIGOS COCRARAGOS CONTROLOGIC COCROSCUS   30823   1619   9411   ANGRACUMU C CORRACIUM C						
1619   9411   ACADACUU G UBACAGUA   12455   UBACCUCA CCCRAANGCCAGUAGGUCU ANASUUGU   30832   1629   9411   ACADACUA G UBACCUCA   12457   UGAGCUCA CCCRAANGCCAGUAGGUCU CARCACUC   30832   1633   9397   ADMAGUA G CUCANDA   12458   UCAUGAGG CCCRAANGCCAGUAGGUCU UCACCAU   30833   1644   9356   CARUNANG G CUCANDA   12458   UCAUGAGG CCCRAANGCCAGUAGGUCU UCACCAU   30833   1659   9350   UGCCCUG G CAAGCAC   12461   ACACACGG CCCCAANGCCAGUAGGUCU CACCACUC   30835   1659   9350   UGCCCUG G CAAGCAC   12461   ACACACGG CCCCAANGCCAGUAGGUCU CACCACUC   30835   1657   9373   GGCAGACA G COCACACU   12461   ACACACGG CCCCAANGCCAGUAGGUCU CACCACUC   30836   1658   9357   ACCCCUCA G CACACCC   12461   ACACACGG CCCCAANGCCAGUAGGUCU CACCACUC   30836   1658   9357   ACCCCUCA G CACACCC   12461   ACACACGG CCCCAANGCCAGUAGGUCU ACCACGGU   30836   1658   9357   ACCCCUCA G CACACCC   12462   AUGRSGAA CCCGAANGCCAGUAGGUCU ACCACGGU   30836   1659   9355   AUCAACCA G CUCANACA   12464   UGCCUCAG CCCCAANGCCAGUAGGUCU ACCACGGU   30836   1664   9364   CACCUCAA G CACCUCAA   12464   UGCCUCAC   40840GU	1598	9432	GCAGCCGG G CGCAUCAC	12454	GUGAUGCG GCCGAAAGGCGAGUGAGGUCU CCGGCUGC	30829
1907   1901	1600	9430	AGCCGGGC G CAUCACUU	12455	AAGUGAUG GCCGAAAGGCGAGUGAGGUCU GCCCGGCU	30830
1631   3997   AURGUERA G CUCANIGA   1448   UCANIGAG GCCGANAGGCARUNAGGUEU CANCUAU   30833   1644   3386   CANDRAING G CCCUGGGC   14459   UGCCARG GCGANAGGCARUNAGGUEU CANCUAU   30834   1650   3380   UGCCCCUG G CARAGCCC   1446   GCGUICUUG GCCGANAGGCARUNAGGUEU CANCUAC   2666CCC   30836   1657   3973   GGCARGG G CCCARUUU   1446   GCGUICUUG GCCGANAGGCARUNAGGUEU CANCUAC   2666CCC   30836   1657   3973   GGCARGG G CCCARUUU   1446   GCGUICUUG GCCGANAGGCCARUNAGGUEU CANCUAC   2666CCC   30836   1657   3975   GGCARGAG G CCCARUUU   1446   AURGACCG GCGANAGGCCARUNAGGUEU CANCUAC   2666CCC   30836   1657   3957   ACCCCARU G UCCCCARU   1446   UGCGUICUUG GCCGANAGGCCARUNAGGUEU CUCARUCAC   30836   1657   3952   CCCARUCA G CACCUARU   1446   UGCGUICUUG GCCGANAGGCCARUNAGGUEU CUCARUCAG   30836   1658   3952   AUCARGCA G CUCARUCA   1446   UGCGUICUUG GCCGANAGGCCARUNAGGUEU CUCARUCAG   30836   1658   3952   AUCARGCA G CUCARUCA   1446   UGCGUICUUG GCCGANAGGCCARUNAGGUEU CUCARUCA   30836   1658   3952   AUCARGCA G CUCARUCA   1446   UGCGUICUUG GCCGANAGGCCARUNAGGUEU CUCARUCA   30836   1658   3953   GCCCARUA G CACCUUR   1446   UGCGUICUUG GCCGANAGGCCARUNAGGUEU CUCARUCA   30836   1659   3938   GCACCUUR G CUCARUCA   1446   UGCGUICUUG GCCGANAGGCCARUCAGGUEU CUCARUCA   30836   1659   3938   GCACCUUR G CUCARUCA   1446   UGCARUCA   1446   UGCARUCA	1619	9411	ACAACUUU G UGACGAUA	12456	UAUCGUCA GCCGAAAGGCGAGUGAGGUCU AAAGUUGU	30831
1564   5386	1629	9401	GACGAUAG G UGAGCUCA	12457	UGAGCUCA GCCGAAAGGCGAGUGAGGUCU CUAUCGUC	30832
1656	1633	9397	AUAGGUGA G CUCAAUGA	12458	UCAUUGAG GCCGAAAGGCGAGUGAGGUCU UCACCUAU	30833
1656   9388		9386		12459	UGCCAGGG GCCGAAAGGCGAGUGAGGUCU CAUCAUUG	30834
1657   9373   GECANGRIC G. COCANGRU   1246   ANCARICOG GCCGANARGCRARURAGGUCU UTUCURGC   30836   1678   70357   ANCARCINA G. UTUCURGC   12463   UNAGCIUG GCCGANARGCGARURAGGUCU UTUCURGC   30837   1678   9355   CCCNUCA G. CUCANGCA   12464   UNCUURGC GCCGANARGCGARURAGGUCU UTUCURGG   30837   1678   9354   CCCNUCA G. CUCANGCA   12464   UNCUURGG GCCGANARGCGARURAGGUCU UTUCURGGG   30840   1694   39346   CARCULA G. CUCANGCA   12464   UNCUURGG GCCGANARGCGARURAGGUCU UTUCURGGG   30840   1692   33348   GCCCCAGA G. CUCUCAUTU   12465   CARAGGUGA GCCGANARGCGARURAGGUCU UTUCAGGUG   30840   1692   33348   GCCCAGAGGUCA GCCCAGAGGUCA GCCGARAGGUCA GUCUCAGGUC   12467   ANAUGANG GCCGARAGGUCA GUCUCAGGUC   12467   ANAUGANG GCCGARAGGUCA GUCUCAGGUC   12467   CARAGGUCA   GCCGARAGGUCA GCCGARAGGUCA GCCGARAGGUCA GUCUCAGGUC   12467   CARAGGUCA   GCCCACAG GCCGARAGGUCA GAGGUCA GCCGARAGGUCA GUCUCAGGUC   12478   GCCCACAG GCCGARAGGUCA GAGGUCA GCCCACAC GCCGACAG GCCGARAGGUCA GAGGUCA GCCCACAC GCCACAG GCCACACA GCCACAGGUCA   12471   GCCACCCG GCCGARAGGUCA GAGGUCA GCCCACACA GCCACAGGUCA   12472   GCCUGGAG GCCGARAGGUCA GAGGUCA GCCCACACA GCCACAGGUCA   12473   GCCACCCG GCCGARAGGUCA GCCACAGAGUCA GCCCACACA GCCACAGGUCA   12473   GCCACCCG GCCGARAGGUCA GCCACAGGUCA GCCCACACA GCCACAGGUCA   12473   GCCACCCG GCCACACAGGUCA GCCACACACAC GCCACACACAC GCCACACACACAC					GCGUCUUG GCCGAAAGGCGAGUGAGGUCU CAGGGCCA	30835
1667   9367   ACCOCCAN G UICCCCAN   1246   NIGORICAN G COGNANGCCARGUNAGUCU UNACIGOCOU   30837   1678   9352   NICHARCA G CICCUNACA   12468   UICCARGAN G COCCANAGOCCARGUNAGUCU UNACIGACOU   30838   1678   9352   NICHARCA G CICCUNACA   12468   UICCUNAGA G CICCUNACA G CICCARGUNAGUCU UNACAGUCU   12468   NICHARCA G CICCARGUNAGUCU UNACAGUCU   12467   ANACCARG G CICCARGANGCCARGUNAGUCU UNACAGUCU   12478   CICCARGUNAGUCU CICCARGANGCCARGUNAGUCU CICCARGUNAGUCU CICCARGUNAG	<del></del>					
1675   9355	<b></b>					
1696   9352	<del></del>					
1692   9338   CACCUIUM   CUUDUUTU   12465   CUANGGUG   COCRANAGGCAGURAGGUCU   UURAGCUG   30840					<del> </del>	
1652   9318   GCACCUUR G CUUCNUU   2466   ANAUGARG GCGRANAGGGAGUSAGGCU UNAGGUCC   30841   7706   9324   UUUUCGAA						
1706   9324   UUUUCCAA G UCAACUCU   12467   AGACCUAG GCCGAAAGGCCAGUAAGGCCU UUGGAAAA   30942   1718   93190   CCAAGUCC G UCAAGCCUG   12469   CCGCADCA GCCGAAAGGCCAGUGAAGGCU CACCUTG G UCAAGCCUG   12471   CCACCCG GCCGAAAGGCCAGUGAAGGCU CACCUTG G UCAAGCCU G UCAAGCCU G UCACCCG GCCGAAAGGCCAGUGAAGGCU AUCACCGG GCCGAAAGGCCAGUGAAGGCU AUCACCGG GCCGAAAGGCCAGUGAAGGCU AUCACCGG GCCGAAAGGCCAGUGAAGGCU CACCGC CCCACCC   12471   CCGCACCG GCCGAAAGGCCAGUGAAGGCU CACCGCC CCCACCC   12471   CCGCACCG GCCCAAAGGCCAGUGAAGGCU CACCGCCC   30846   1727   9303   AUGCGGGU G UCCCACC   12472   GCCUGGGA GCCGAAAGGCGAGUGAAGGUC UGGGCAC   30847   1733   9393   GUGCCCCA G CCACCCUGU   12473   ACAGCUG GCCGAAAGGCGAGUGAAGGUC UGGCCAC   30847   1733   9393   CCCAGCCA G CCCACCCUGU   12473   ACAGCUG GCCGAAAAGGCAGUGAAGGUC UGGCCAC   30847   1737   9293   CCCAGCCA G CCCACCCUGU   12474   UGACCACG GCCGAAAGGCGAGUGAAGGUC UGGCCAC   30847   1740   9298   ACCCACCAC G UGUCUCAC   12475   UGAUCACA G CCCAAAAGGCAGUGAAGGUC UGGCCAC   30847   1740   9298   ACCCACCAC G UGUCUCAC   12476   GCCGAAAGGCAGUGAAGGUC UGGCCAC   30857   1740   9298   CCAGCCAC G CUACCUCA   12476   GCCGAAAGGCAGUGAAGGUC UGGCCAC   30851   1749   9281   UUUCACCA G CAUAGAUC   12477   CAUCUACAC   12476   GCCGAAAGGCAGUGAAGGUC UAACCCGC   30851   1748   9281   UUUCACCA G CAUAGAUC   12479   GCACCCGG G CCGAAAGGCAGUGAAGGUC UAACCCCG C CAUACCCCG   12479   GCACCCGG G CCGAAAGGCAGUGAAGGUC UAACCCGC C CAUACCCCG   12479   GCACCCGG G CCGAAAGGCAGUGAAGGUC UAACCCGC   30855   1779   9255   CAGGCCGG G UGCCAACC   12481   GAAGUUG GCCGAAAGGCAGUGAAGGUC UAACCCGG C CGAAAGCC   12481   GAAGUUG G CCGAAAAGGCAGUGAAGGUC UAACCCGG C UGAACCC   12481   GAAGUUG G CCGAAAGGCAGUGAAGGUC UAACCCGG C UGAACCC   12481   GAAGUUG G CCGAAAGGCAGUGAAGGUC UAACCCGG C UGAACGC   12481   CACACACG G CCGAAAGGCAGUGAAGGUC UAACCCGG C GCGAAAGGCAGAGGCAGGCAGAGGCAGGCA	1684			<del> </del>		
1716   9320   CCAAGUCA G UCUCCUU   1246   CCACAUGA G CCGAAAGGCAGUAGAGUCU UGACUUGG   30844   1721   9319   CUCGUGAU G CGGAUGAGGCG   24471   CUGGGGA GCCGAAAGGCAGUGAGGUCU AUCACGGC   30845   1725   93105   CUCGUGAU G CGGGUGUC   12470   GACACCG GCCGAAAGGCAGUGAGGUCU AUCACGGC   30846   1727   93103   AUGCGGG U GUCCCAGC   12471   CUGGGAC GCCGAAAGGCAGUGAGGUCU AUCACGGC   30846   1727   9303   AUGCGGGU G UCCCCAGC   12472   GGCUGGGA GCCGAAAGGCAGUGAGGUCU AUCACGGCC   30847   1733   9297   CCGGCCC   6 CUGGUCC   12473   ACAGCUGG GCCGAAAGGCAGUGAGGUCU AUCACGGCC   30847   1733   9297   CCGGCCC   6 CUGGUCC   12473   ACAGCUGG GCCGAAAGGCAGUGAAGGUCU ACCGCCC   30847   1734   9290   ACCCACCU   12473   ACAGCUGG GCCGAAAGGCAGUGAAGGUCU ACCGCCC   30849   1740   9290   ACCCACCU   12474   UGACACAG GCCGAAAGGCAGUGAAGGUCU ACAGCUGG   30859   1740   9291   ACCCACCU   GUCCALACG   12475   UGAUGACA   CCGGAAAGGCAGUGAAGGUCU ACAGCUGG   30859   1749   9281   UGUCAUCA   CACACUU   12477   GAUUGAGA   CCGGAAAGGCAGUGAAGGUCU ACAGCUGG   30851   1749   9281   UGUCAUCA   CACACUU   12477   CAUCUAGGG   CCGGAAAGGCAGUGAAGGUCU ACAGCUGG   30851   1746   9262   GCCCCAGG   CCGGGUGG   12478   CCUGGGGG   CCGGAAAGGCAGUGAAGGUCU CAGCUGG   30851   1746   9262   GCCCCAGG   CCGGGUGG   12478   CCUCGGGG   CCGGAAAGGCAGUGAAGGUCU CAGCCUG   30855   1773   9255   GACCGGGG   CCGGAAAGGCGUG   CACACUU   12480   AGUUGGCA   CCGGAAAGGCAGUGAAGGUCU CCGGCCC   30855   1746   9244   AACUUCA   CAGGUCC   12485   GACCCAGG   CCGGAAAGGCAGUGAAGGUCU CCGGCCC   30856   1746   9244   AACUUCA   CAGGUCC   12485   GGCUGAAAGGCAGUGAAGGUCU ACCCGCC   30856   1746   9244   AACUUCA   CAGGACCU   12485   GGCUGAAAGGCAGUGAAGGUCU ACCCGCC   30856   1851   9229   GUAACCCA   UUUUUGGA   12484   UCCAAAAA   CCCGAAAGGCAGUGAAGGUCU ACCCGCC   30856   1851   9229   GUAACCCA   UUUUUGGA   12484   UCCAAAAA   CCCGAAAGGCAGUGAAGGUCU ACCCGCC   30856   1851   9219   UUUUGGAG   CCCCAAGC   12485   GGCUGAAGGCAGUGAAGGCCAGUGAAGGUCU   12464   AGUUGAAGA   12484   UCCAAAAG   CCCGAAAGGCAGUGAAGGUCU   12464   AGUUGAAG   CCGAAAGGCAGUGAAGGCCC   12465	1692	9338	GCACCUUA G CUUCAUUU	12466	AAAUGAAG GCCGAAAGGCGAGUGAGGUCU UAAGGUGC	30841
1716   9314   CAGCICUC G UGAUGGG   12479   GACACCG GCCGAAAGGCAGUAGAGUCG GAGAGUCG   30846   1725   9305   UGAUGGG G UGUCCCAC   12471   CUGUGAC GCCGAAAGGCAGUAGAGUCU AUCACGA   30846   1727   9303   AUGCGGG G UGUCCCAC   12471   CUGUGAC GCCGAAAGGCAGUAGAGUCU AUCACGA   30847   1733   9397   GUGUCCCA G CAGCACUCU   12473   ACAGCUGG GCCGAAAGGCAGUAGAGUCU UGGACAC   30847   1733   9397   GUGUCCCA G CAGCACUCU   12473   ACAGCUGG GCCGAAAGGCAGUAGAGUCU UGGACAC   30847   1737   9293   CCCAGCCA G CUGUGUCA   12474   UGACACAG GCCGAAAGGCAGUAGAGUCU UGGACAC   30847   1737   9293   ACCCAGCAG G CUGUACAC   12474   UGACACAG GCCGAAAGGCAGUAGAGUCU UGGACAC   30847   1747   9293   ACCCAGCAG G UCCACACAC   12475   UGAUGACA G CCCAAAAGGCAGUAGAGUCU UGGACGAC   30850   1742   9288   CCAGCUGU G UCAUCAGC   12476   CCUGAGGG GCCGAAAGGCAGUAGAGGUCU UGGACGGC   30850   1749   9281   UUUCAUCA G CAUAGAU   12477   CACCAGAC   CCCGAAAGGCAGUAGAGGUCU ACACCUGGC   30851   1749   9281   UUUCAUCA G CAUAGAGC   12476   CCUGAGGG GCCGAAAGGCAGUAGAGGUCU ACACCUG   30851   1749   9281   UUUCAUCA G CCCGAAGGCAGUAGAGGUCU ACACCUG   30851   1749   9281   UUUCAUCA G CCCGAAAGCACACACACACACACACACACACACAC	1706	9324	UUUUCCAA G UCAGCUCU	12467	AGAGCUGA GCCGAAAGGCGAGUGAGGUCU UUGGAAAA	30842
1.725	1710	9320	CCAAGUCA G CUCUCGUG	12468	CACGAGAG GCCGAAAGGCGAGUGAGGUCU UGACUUGG	30843
1725	1716	9314	CAGCUCUC G UGAUGCGG	12469	CCGCAUCA GCCGAAAGGCGAGUGAGGUCU GAGAGCUG	30844
1733   9297   GUGUCCCA G CCAGCUGU   12472   GGCUGGAG GCCGAAAGGCGAGUGAGGUCU ACCCGCAU   30847   1733   9297   GUGUCCCA G CCUGUGUCA   12474   UGACACAG GCCGAAAGGCGAGUGAGGUCU UGGCUGGG   30849   1740   9293   CCCAGCCA G CUGUGUCA   12475   UGACACAG GCCGAAAGGCGAGUGAGGUCU UGGCUGGG   30849   1740   9298   AGCCAGCC G CUGUGUCA   12475   UGACACAG GCCGAAAGGCGAGUGAGGUCU UGGCUGGG   30851   1740   9298   CCAGCCUG G UGUCACAC   12475   UGACACAG GCCGAAAGGCGAGUGAGGUCU ACACGCUGG   30851   1749   9281   UGUCAUCA   12477   GCUGAUCA   CCCGAGAGGCGAGUGAGGUCU CAGCCUGA   30851   1749   9281   UGUCAUCA   12477   GCUGAUCA   CCCGAAAGGCGAGUGAGGUCU UGAUGACA   30852   1766   9270   UGAUGUCU G CCCCCAGG   12479   CCCGCGGGG GCCGAAAGGCGAGUGAGGUCU UGAGGCCA   30851   1776   9285   CCCGCGGGG G CCGGGGGC   12479   CCCGCCGG GCCGAAAGGCGAGUGAGGUCU CUGGGGGC   30854   1773   9257   CAGGCCGG G CCGGAACUU   12480   AGUUGAGG GCCGAAAGGCGAGUGAGGUCU CUGGGGGC   30855   1775   9255   GGCCGGGG G CCGAACUU   12480   AAGUUGG GCCGAAAGGCGAGUGAGGUCU CUGGGGGC   30856   1778   9257   CAGGCCGG G CAGAAGGCGAGUGAGGGUCG   CCCAACUU   12480   AAGUUGG GCCGAAAGGCGAGUGAGGUCU CCCGGCCU   30855   1786   9244   AACUUCAC G CAGAGUG CACACUU   12480   AAGUUGG GCCGAAAGGCGAGUGAGGUCU CCCGGCC   30856   1786   9244   AACUUCAC G CAGAGUG CACACUU   12480   AAGUUGG GCCGAAAGGCGAGUGAGGUCU CUCACACU   12480   AAGUUGAG GCCGAAAGGCGAGUGAGGUCU CUCACACU   12481   AAGUCCAC G UUUUUGGA   12482   CUCGGUUA   CCCGAAAGGCGAGUGAGGUCU CUCACACU   12481   CUCACACAC G UUUUUGGA   12481   UCCAAAAA   CCCGAAAGGCGAGUGAGGUCU UGGGCCC   30855   1811   9213   AGGCCCAC G UUUUUGGA   12481   UCCAAAAA   CCCGAAAGGCGAGUGAGGUCU UGGGCCC   30856   1855   9178   CCCCCCCA   12485   GCCUUGAG GCCCAAAGGCGAGUGAGGUCU UGGGCCC   30861   1811   9213   AGGCCACA G UCCUCACA   12481   GUCCAGAG G CCCAAAGGCGAGUGAGGUCU UGGGCCC   30861   1811   911   AGCCACAG G CCCAAAGGCGAGGGAGGAGGAGGAGGAGGAGGAGGAGGAG	1721	9309	CUCGUGAU G CGGGUGUC	12470	GACACCCG GCCGAAAGGCGAGUGAGGUCU AUCACGAG	30845
1733   9297   GUGUCCCA G CAGCUGU   12473   ACAGCUGG GCCGAAAGGCGAGUGAGGUCU UGGGACAC   30849   1737   9293   CCCAGCCA G CUUGUUCA   12475   UGAACAG GCCGAAAGGCGAGUGAGUGAGUCU UGGCAGGG   30849   1744   9288   CCAGCUGU G UUGCAUCA   12475   UGAACAGG GCCGAAAGGCGAGUGAGUCU UGGCAGGG   30851   1742   9288   CCAGCUGU G UUCCAUCA   12476   GUGAGGA GCCGAAAGGCGAGUGAGGUCU ACCUGGCU   30851   1749   9281   UGUCAUCA G CAGAAGGCGAGUGAGGUCU ACCUGGG   30851   1749   9281   UGUCAUCA G CAGAAGGCGAGUGAGGCGC CAGAGGCGAGUGAGGUCU ACCUGGGG   30851   1766   9270   UAGAUCUU   GCCCCCAGG   12476   CCUGGGGG GCCGAAAGGCGAGUGAGGUCU ACAGCUGG   30852   1766   9262   GCCCCCCCG G CCCGAAGGCGGUGAGGGCGAGUGAGGGCU   12481   GAGUUGA G CCGAAAGGCGAGUGAGGGCUCU ACAGCUCU   12481   AGUUGGCG GCCGAAAGGCGAGUGAGGGCUCU ACCUGGGG G CGCAAAGGCGAGUGAGGGAGUGAGGGCC   30855   1775   9255   GGCCGGGU G CCAACUUC   12481   AGUUGGCG GCCGAAAGGCGAGUGAGGGAGUGAGGUCU ACCCGGCC   GCCGAGAGGCGAGGAGGGAGGGAGGGAGUGAGGGCC   30855   1775   9255   GGCCGGGU G CCAACUUC   12481   AGUUGGCG GCCGAAAGGCGAGUGAGGGCGC   30855   1775   9255   GGCCGGGU G CAACUUC   12481   ACAUCCUG G CCCGAAGGCGAGUGAGGGAGUGAGGUCU ACCCGGCC   30855   1775   9257   CGCAGGAU G UAACCCGG C   12481   ACAUCCUG G CCCGAAAGGCGAGUGAGGUCU ACCCGGCC   30855   1779   9237   CGCAGGAU G UAACCCGG C   12481   CCCAAAAAA GCCGAAAGGCGAGUGAGGUCU ACCCGGCC   30856   1891   9229   GUAACCCA G UUUUUGAG   12481   UCCAAAAA GCCGAAAGGCGAGUGAGGUCU ACCCGGCC   30856   1891   9229   GUAACCCA G UUUUUGAG   12481   UCCAAAAA GCCGAAAGGCGAGUGAGGUCU ACCCGGCC   30856   1891   9229   UUUUCCAA G CCCCAGGC   12485   GUCGAGGG GCCGAAAGGCGAGUGAGGUCU UUCCAAAA   30860   1892   1892   CCUCCUGA G UUCUUUCU   12487   AGAAAGAA GCCGAAAGGCGAGUGAGGUCU UUCCAAAA   30860   1892   1892   CCUCCUGA G UUCUUCU   12487   AGAAAGAA GCCGAAAGGCGAGUGAGGUCU UUCCAAAA   30866   1892   9174   CCAAGCCA G UGGUUUC   12487   AGAAGAGA GCCGAAAGGCGAGUGAGGUCU UUCCAAAA   30867   1892   1914   ACCCACGAC G UGGUUUC   12487   AGAAAGAG GCCGAAAGGCGAGUGAGGUCU UUCCAAAA   30867   1992   1912   AGCCCAGA G CCUCCAAACGCCAAAGGCGAGU	1725	9305	UGAUGCGG G UGUCCCAG	12471	CUGGGACA GCCGAAAGGCGAGUGAGGUCU CCGCAUCA	30846
1733   9297   GUGUCCCA G CAGCUGU   12473   ACAGCUGG GCCGAAAGGCGAGUGAGGUCU UGGGACAC   30849   1737   9293   CCCAGCCA G CUUGUUCA   12475   UGAACAG GCCGAAAGGCGAGUGAGUGAGUCU UGGCAGGG   30849   1744   9288   CCAGCUGU G UUGCAUCA   12475   UGAACAGG GCCGAAAGGCGAGUGAGUCU UGGCAGGG   30851   1742   9288   CCAGCUGU G UUCCAUCA   12476   GUGAGGA GCCGAAAGGCGAGUGAGGUCU ACCUGGCU   30851   1749   9281   UGUCAUCA G CAGAAGGCGAGUGAGGUCU ACCUGGG   30851   1749   9281   UGUCAUCA G CAGAAGGCGAGUGAGGCGC CAGAGGCGAGUGAGGUCU ACCUGGGG   30851   1766   9270   UAGAUCUU   GCCCCCAGG   12476   CCUGGGGG GCCGAAAGGCGAGUGAGGUCU ACAGCUGG   30852   1766   9262   GCCCCCCCG G CCCGAAGGCGGUGAGGGCGAGUGAGGGCU   12481   GAGUUGA G CCGAAAGGCGAGUGAGGGCUCU ACAGCUCU   12481   AGUUGGCG GCCGAAAGGCGAGUGAGGGCUCU ACCUGGGG G CGCAAAGGCGAGUGAGGGAGUGAGGGCC   30855   1775   9255   GGCCGGGU G CCAACUUC   12481   AGUUGGCG GCCGAAAGGCGAGUGAGGGAGUGAGGUCU ACCCGGCC   GCCGAGAGGCGAGGAGGGAGGGAGGGAGUGAGGGCC   30855   1775   9255   GGCCGGGU G CCAACUUC   12481   AGUUGGCG GCCGAAAGGCGAGUGAGGGCGC   30855   1775   9255   GGCCGGGU G CAACUUC   12481   ACAUCCUG G CCCGAAGGCGAGUGAGGGAGUGAGGUCU ACCCGGCC   30855   1775   9257   CGCAGGAU G UAACCCGG C   12481   ACAUCCUG G CCCGAAAGGCGAGUGAGGUCU ACCCGGCC   30855   1779   9237   CGCAGGAU G UAACCCGG C   12481   CCCAAAAAA GCCGAAAGGCGAGUGAGGUCU ACCCGGCC   30856   1891   9229   GUAACCCA G UUUUUGAG   12481   UCCAAAAA GCCGAAAGGCGAGUGAGGUCU ACCCGGCC   30856   1891   9229   GUAACCCA G UUUUUGAG   12481   UCCAAAAA GCCGAAAGGCGAGUGAGGUCU ACCCGGCC   30856   1891   9229   UUUUCCAA G CCCCAGGC   12485   GUCGAGGG GCCGAAAGGCGAGUGAGGUCU UUCCAAAA   30860   1892   1892   CCUCCUGA G UUCUUUCU   12487   AGAAAGAA GCCGAAAGGCGAGUGAGGUCU UUCCAAAA   30860   1892   1892   CCUCCUGA G UUCUUCU   12487   AGAAAGAA GCCGAAAGGCGAGUGAGGUCU UUCCAAAA   30866   1892   9174   CCAAGCCA G UGGUUUC   12487   AGAAGAGA GCCGAAAGGCGAGUGAGGUCU UUCCAAAA   30867   1892   1914   ACCCACGAC G UGGUUUC   12487   AGAAAGAG GCCGAAAGGCGAGUGAGGUCU UUCCAAAA   30867   1992   1912   AGCCCAGA G CCUCCAAACGCCAAAGGCGAGU	1727	9303	AUGCGGGU G UCCCAGCC	12472	GGCUGGGA GCCGAAAGGCGAGUGAGGUCU ACCCGCAU	30847
1737   9293   CCCAGCCA G CUGUIGUCA   12475   UGAUGACA GCGSAAAGGGAGUGAGGUCU UGGCUGGG   30850   1749   9288   CCAGCUGU G UGAUCAC   12476   GCUGAUGAC GCGSAAAGGGAGUGAGGUCU AGCUGGCU   30850   1749   9281   UGUCAUCAG C 12476   GCUGAUGAC GCGSAAAGGGAGGUGAGGUCU AGCUGGCU   30851   1749   9281   UGUCAUCAG C CAUAGAUC   12477   GAUCUAUG GCGSAAAGGGAGGUGAGGUCU ACGUGGCU   30851   1749   9281   UGUCAUCAG C CAUAGAUC   12478   GCUGGAGGGGGGGGGGGAGAGGGGUCU AAGAUCAC   30851   1746   9270   UGAUCACA G CCGGGGCU   12478   GCUGGGGGG GCGGAAAGGGGAGGUGAGGUCU AAGAUCCU   30851   1748   9262   GCCCCCAG   CCCGGGUCU   12489   GCACCCGG GCGCAAAGGGGAGGUGAGGUCU CUGGGGCC   30854   1773   9257   CAGGCCGG G CCCAACUC   12489   GCACCCGG GCGCAAAAGGCGAGUGAGGUCU   14490   GCACCGGG GCGCAAAGGCGAGUGAGGUCU   14491   GCAGGGCG   1775   9255   GGCCGGGG G CCCAACUC   12481   GCAGGGGAGGGAGGGAGGGAGGGAGGUGAGGUCU   14491   GCAGGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGA				12473	ACAGCUGG GCCGAAAGGCGAGUGAGGUCU UGGGACAC	
1740   9299   AGCCAGCU G UGUCAUCA   12475   UGAUGACA GCCGAAAGGCGAGUGAGGUCU ACAGCUG CU 30850   1742   9288   UGUCAUCA G CADAGAUC   12476   GCUGAUGA GCCGAAAGGCGAGUGAGGUCU UCAUGACC   30851   1749   9281   UGUCAUCA G CADAGAUC   12477   GAUCUAUG GCCGAAAGGCGAGUGAGGUCU UCAUGACC   30851   17560   9270   UAGAUCUU G CCCCCAGG   12478   CCUGGGGG GCGAAAAGGCGAGUGAGGUCU UCAUGACC   30851   1768   9262   GCCCCCAG G CCGAGGUCC   12479   CCUGCGGG GCCGAAAAGGCGAGUGAGGUCU CUGGGGGC   30854   1773   9257   CAGGCCGG G UGCAACU   12480   AGUUGGCA GCCGAAAAGGCGAGUGAGGUCU CUGGGGGC   30854   1775   9255   GGCCGGGGU G CCAACUUC   12481   GAAGUUGG GCCGAAAAGGCGAGUGAGGUCU CUGGGGCC   30855   1775   9255   GGCCGGGU G CCAACUUC   12481   GAAGUUGG GCCGAAAAGGCGAGUGAGGUCU CUGGGCC   30855   1775   9257   CGCAGGAU G UAACCCAG   12481   CUGCACC GCCGAGAAGGCGAGUGAGGUCU CUCCGGCC   30855   1801   9229   GUAACCCA G UUUUUGGA   12481   CUGCAAAA GCCGAAAGGCGAGUGAGGUCU AUCCUGGC   30855   1801   9229   GUAACCCA G UUUUUGGA   12485   GCCUGAAAGGCGAGUGAGGUCU AUCCUGGC   30855   1801   9219   UUUUGGAG G CCCAAAGCC   12485   GGCUUGGG GCCGAAAGGCGAGUGAGGUCU CUCCAAAA   30856   1811   9219   UUUUGGAG G CCCUGAAC   12485   GGCUUGGG GCCGAAAGGCGAGUGAGGUCU CUCCAAAA   30856   1817   9213   AGGCCCAA G CCCUCGAC   12485   GGCUUGGG GCCGAAAGGCGAGUGAGGUCU UUCGGGCC   30856   1819   9192   CCUCCUGA G UUCUUCU   12487   AGAAAAAA CCCGAGAAGGCGAGUGAGGUCU UUCGGGCC   30865   1859   9178   UCUUCCAA G CCAGUGGU   12487   AGAAAAAA CCCGAAAGGCGAGUGAGGUCU UUCGGGCC   30866   1859   9171   AGCCCAGA G CCGCUGAA G CCGAAAGGCAGAGGCAGGUGAGGUCU UUCGGAGG   30866   1859   9171   AGCCCAGA G CCUCGAAC   12489   AAACCAG GCGAAAAGGCAGAGGAGGUCU UUCGGAGG   30866   1859   9171   AGCCCAGA G CCCCAAGGC   12491   AGUUCAAAGGCAGAGGAGGUCU UUCGAGAGG   30867   1899   9121   AGCCCAGA G CCCCAAGGC   12491   AGUUCAAAGGCAGAGGAGGUCU UUCGAGAGG   30867   1990   1912   AGCCAAAAGGCAGAGCGAGGCAGAGGCAGGUCU UUCGAGAGG   30867   1990   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900	<del></del>				<del> </del>	
1742   9288						
1749   9281				<del></del>	<del></del>	
1766   9270				ļ		
1768   9262   GCCCCCAG G CCGGGUGC   12479   GCACCCGG GCCGAAAGGCGAGUGAGGUCU CUGGGGGC   30854   1773   9257   CAGGCCGG G UGCCAACU   12481   GANGUUGGCA GCCGAAAGGCGAGUGAGGUCU CCGGCCUG   30855   1786   9244   AACUUCAC G CAGAUUU   12481   GAAGUUGG GCCGAAAGGCGAGUGAGGUCU CCGGCCGGC   30855   1786   9244   AACUUCAC G CAGGAUUU   12482   ACAUCCUG GCCGAAAGGCGAGUGAGGUCU ACCCGGC   30855   1786   9244   AACUUCAC G CAGGAUGU   12482   ACAUCCUG GCCGAAAGGCGAGUGAGGUCU ACCCGGC   30855   1789   9237   CGCAAGGAU   UAACCCAG   12483   CUGGGUA GCCGAAAGGCGAGUGAGGUCU AUCCUGCG   30858   1890   9229   GUAACCCA G UUUUUGGA   12484   UCCAAAAA GCCGAAAGGCGAGUGAGGUCU CUCCAAAA   30859   1891   9219   UUUUGGG G CCCAAAGC   12485   GGCUUGGG GCCGAAAGGCGAGUGAGGUCU UUGGGCCU   30851   1891   9219   UUUUGGG G CCCCAAGC   12485   GGCUGGG GCCGAAAGGCGAGUGAGGUCU UUGGGCCU   30861   1892   CCUCCUGA G UUCUUCU   12487   AGAAAGAA GCCGAAAGGCGAGUGAGGUCU UUGGGCCU   30861   1892   9178   UCUUCCAA G CCAGUGGU   12488   ACCACUGG GCCGAAAGGCGAGUGAGGUCU UUGGGCCU   30861   1895   9178   UCUUCCAA G UCUUCAUU   12489   AAAGCAG GCCGAAAGGCGAGUGAGGUCU UUGGGCUU   30865   1895   9171   AGCCAGUG G UCUUCAUU   12489   AAAGCAG GCCGAAAGGCGAGUGAGGUCU UUGGGCUU   30865   1891   9149   AACCCAGUG G UCUUCAUU   12490   AAUGAAGA GCCGAAAGGCGAGUGAGGUCU UUGGGUU   30865   1898   9132   UCCAGAAG G CCUCGAAC   12491   GUUCGAG GCCGAAAGGCGAGUGAGGUCU UCUGGGUU   30865   1898   9132   UCCAGAAG G CCUCGAAC   12491   GUUCGAG GCCGAAAGGCGAGUGAGGUCU UCUGGGUU   30865   1898   9132   UCCAGAAG G CCUCGAAC   12491   GUUCGAG GCCGAAAGGCGAGUGAGGUCU UCUGGGUU   30866   1992   9128   GAAAGCCA G CUCCGAGC   12493   GCUCGAG GCCGAAAGGCGAGUGAGGUCU UCUGGGUU   30866   1992   9128   GAAAGCCA G CUCCCAGC   12491   GUUCGAG GCCGAAAGGCGAGUGAGGUCU UCUGGGU   30869   1992   9128   GAAAGCCA G CUCCCCUU   12495   AAGCAGA GCCGAAAGGCGAGUGAGGUCU UCUGGGU   30869   1992   1912   AGCUCCGA G CUCCCCUU   12496   AAGGAGA GCCGAAAGGCGAGUGAGGUCU UCGGAGC   30869   1992   1904   ACCAAUG G CUUCCCUU   12496   AAGGAGA GCCGAAAGGCGAGUGAGGUCU UCGGAGC   30871   19	<u> </u>			ļ	<del> </del>	
1773   9257   CAGGCCGG G UGCCAACU   12480   AGUUGGCA GCCGAAAGGCGAGUGAGGUCU CCGGCCUG   30855   1775   9255   GGCCGGGU G CCAACUUC   12481   GAAGUUGG GCCGAAAGGCGAGUGAGGUCU ACCCGGCC   30855   1786   9244   AACUUCAG G CAGGAUGU   12482   AACUCCUG GCCGAAAGGCGAGUGAGGUCU ACCCGGCC   30855   1793   9237   CGCAGGAUG UAACCCAG   12483   CUGGGUUA GCCGAAAGGCGAGUGAGGUCU AUCCUGCG   30855   1801   9229   GUAACCCA G UUUUUGGA   12483   CUGGGUUA GCCGAAAGGCGAGUGAGGUCU AUCCUGCG   30859   1811   9219   UUUUGGAG G CCCAAAGC   12485   GGCUUGGG GCCGAAAGGCGAGUGAGGUCU UUCGCAAAA   30860   1817   9213   AGGCCCAA G CCCUCCAC   12485   GGCUUGGG GCCGAAAGGCGAGUGAGGUCU UUCGCAAAA   30861   1838   9192   CCUCCUGA G UUCUUUCU   12487   AGAAAGAA GCCGAAAGGCGAGUGAGGUCU UUCGGCCU   30861   1859   9178   UCUUCCAA G CCCGCAACGCCCAACG CCCGAAAGGCGAGUGAGGUCU UUCGGAGCU   30861   1859   9178   UCUUCCAA G CCGCAAAGCCAACGCAGUGAGGUCU UUCGGAGGG   30862   1856   9174   CCAAGCCA G UGGUCUUC   12489   AAAAGAA GCCGAAAGGCGAGUGAGGUCU UUCGGAGG   30863   1856   9174   CCAAGCCA G UGGUCUUC   12489   GAAGACCA GCCGAAAGGCGAGUGAGGUCU UUCGGAGGA   30865   1859   9171   AGCCAGGA G CUCCAAAC   12491   GUUCGAGG GCCGAAAGGCGAGUGAGGUCU UUCGGCUU   30865   1859   9174   AGCCAGGA G CCUCCAAC   12491   GUUCGAGG GCCGAAAGGCGAGUGAGGUCU UUCGGGUU   30865   1898   9132   UCCAGAAA G CGAGCCA   12491   GUUCGAGG GCCGAAAGGCGAGUGAGGUCU UUCUGGGUU   30865   1898   9132   UCCAGAAA G CGAGCCA   12491   GUUCGAGG GCCGAAAGGCGAGUGAGGUCU UUCUGGA   30865   1992   9128   GAAAGGA G CUCCGAGC   12491   GUUCGAGG GCCGAAAGGCGAGUGAGGUCU UUUCUGGA   30869   1926   9104   ACCAAAUG G CUCCGACC   12492   GGAGCGCG GCCGAAAGGCGAGUGAGGUCU UUUCUGGA   30869   1926   9104   ACCAAAUG G CUCCGAUC   12493   GCUCGGAG GCCGAAAGGCGAGUGAGGUCU UUUCUGGA   30869   1926   9104   ACCAAAUG G CUCCGAGC   12493   GCUCGGAG GCCGAAAGGCGAGUGAGGUCU UUUCUGGA   30869   1926   9104   ACCAAAUG G CUCCCAUC   12493   AGCCCGGA GCCGAAAGGCGAGUGAGGUCU UUUCUGGA   30869   1926   9104   ACCAAAUG G CUCCCGU   12495   AAGCAGAG GCCGAAAGGCGAGUGAGGUCU UUUCUGGA   30871   1988   9494				<del></del>	<del></del>	
1775	<b></b>					
1786   9244   AACUUCAC G CAGGAUGU   12482   ACAUCCUG GCCGAAAGGCGAGUGAGGUCU GUGAAGUU   30857   1793   9237   CGCAGGAU G UAACCCAG   12483   CUGGGUTA GCCGAAAGGCGAGUGAGGUCU AUCCUGGC   30858   1801   9229   GUAACCCA G UUUUUGGA   12484   UCCAAAAA GCCGAAAGGCGAGUGAGGUCU UGGGUTAC   30859   1811   9219   UUUUGGAG G CCCAAGCC   12485   GGCUUGGG GCCGAAAGGCGAGUGAGGUCU UGGGUTAC   30859   1817   9213   AGGCCCAA G CCCUCGAC   12486   GUCGAGGG GCCGAAAGGCGAGUGAGGUCU UGGGGUTAC   30851   1838   9192   CCUCCUGA G UUCUUCUCU   12487   AGAAAGAA GCCGAAAGGCGAGUGAGGUCU UGAGGAGG   30852   1855   9178   UCUUCCAA G CCAGUGGU   12488   ACCACUGG GCCGAAAGGCGAGUGAGGUCU UGAGGAGG   30853   1856   9174   CCAAGCCA G UGGUUCU   12489   GAAGACCA GCCGAAAGGCGAGUGAGGUCU UGAGGAGG   30854   1859   9171   AGCCAGUG G UUUCAUU   12490   AAUGAAGA GCCGAAAGGCGAGUGAGGUCU UGGCUUGG   30854   1859   9149   AACCCAGA G CCUCGAAC   12491   GUUCGAG GCCGAAAGGCGAGUGAGGUCU UCUGGGUU   30856   1898   9132   UCCAGAAA G CCUCGACC   12492   GGAGCUCG GCCGAAAGGCGAGUGAGGUCU UCUGGGUU   30857   1992   9128   GAAAGCGA G CUCCGAGC   12492   GGAGCUCG GCCGAAAGGCGAGUGAGGUCU UUUCUGGA   30857   1992   9121   AGCUCCGA G CCCCAAGAC   12493   GCUCGGAG GCCGAAAGGCGAGUGAGGUCU UUUCUGGA   30857   1993   9194   AACCCAGA G CCCCAAGAC   12494   UCAUGUGG GCCGAAAGGCGAGUGAGGUCU UCUGGGUUU   30856   1996   9121   AGCUCCGA G CCCCAAGAC   12493   GCUCGGAG GCCGAAAGGCGAGUGAGGUCU UCGCUUUC   30856   1996   9124   ACCCCAA G CCCCAAGAC   12494   UCAUGUGG GCCGAAAGGCGAGUGAGGUCU UCGCUUUC   30856   1996   9104   ACCCAAUG G CCCCAAGAC   12495   AAGGAGG GCCGGAAAGGCGAGUGAGGUCU UCGGAGCC   30871   1991   9999   AUGCCUCG G CUUUCCCU   12495   AAGGAGG GCCGGAAAGGCGAGUGAGGUCU UCGCGAGC   30871   1991   9999   AUGCCUCG G CUUUCCCU   12496   AAGGGAG GCCGGAAAGGCGAGUGAGGUCU CAUGUGGU   30870   1991   1909   1000000000000000000000				<del> </del>	<u> </u>	30855
1793   9237   CGCAGGAU G UAACCCAG   12483   CUGGGUUA GCCGAAAGGCAGUGAGGUCU AUCCUGCG   30858   1801   9229   GUAACCCA G UUUUUGA   12484   UCCAAAAA GCCGAAAGGCAGUGAGGUCU UGGGUUAC   30859   1811   9219   UUUUUGAGA G CCCAAAGC   12485   GGCUUGAG GCCGAAAGGCGAGUGAGGUCU CUCCAAAA   30850   1817   9213   AGGCCCAA G CCCUCGAC   12486   GGCUUGAG GCCGAAAGGCGAGUGAGGUCU CUCCAAAA   30850   1838   9192   CCUCCUGA G UUCUUUCU   12487   AGAAAGAA GCCGAAAGGCGAGUGAGGUCU UUGGAGCG   30861   1838   9192   CCUCCUGA G UUCUUCU   12487   AGAAAGAA GCCGAAAGGCGAGUGAGGUCU UUGGAGAG   30862   1859   9178   UCUUCCAA G CCAGUGGG   12488   ACCACUGG GCCGAAAGGCGAGUGAGGUCU UUGGAGAG   30862   1859   9174   CCAAGCCA G UGGUUUC   12489   AACACAGG GCCGAAAGGCGAGUGAGGUCU UUGGAGAG   30864   1859   9171   AGCCAGUG G UCUUCAUU   12490   AAUGAAGA GCCGAAAGGCGAGUGAGGUCU UUGCGGUU   30865   1881   9149   AACCCAGA G CCUCCAAC   12491   GUUGGAG GCCGAAAGGCGAGUGAGGUCU UUUCUGGA   30867   1992   9128   GAAAGCCA G CCUCCAAC   12491   GUUGGAG GCCGAAAGGCGAGUGAGGUCU UUCUGGAU   30866   1898   9132   UCCAGAAA G CUCCGAAC   12491   GUUGGAG GCCGAAAGGCGAGUGAGGUCU UUCUUGGA   30867   1992   9128   GAAAGCCA G CCACAUGA   12494   GUUGGAG GCCGAAAGGCGAGUGAGGUCU UCGCGUUU   30868   1999   9121   AGCUCCGA G CCACAUGA   12494   GUUGGAGG GCCGAAAGGCGAGUGAGGUCU UCGGAGCU   30869   1921   AGCUCCGA G CCACAUGA   12494   AAGGAGA GCCGGAAAGGCGAGUGAGGUCU UCGGAGCU   30869   1931   9099   AUGGCUCU G CUUCCCUU   12496   AAGGAGA GCCGAAAGGCGAGUGAGGUCU CAGUGGCU   30869   1931   9099   AUGGCUCU G CUUUCCGU   12496   AAGGAGA GCCGAAAGGCGAGUGAGGUCU CAGUGGCA   30871   1949   9036   UUCCUUG G CCUUUCCCU   12496   AAGGAAG GCCGAAAGGCGAGUGAGGUCU CAGAGGCA   30871   1949   9036   UUCCUUG G CCUUUCCG   12497   CGGAAAGG GCGGAAAGGCGAGUGAGGUCU CAGGGCA   30872   1948   9045   CCCACAUG G UUUUUUCU   12498   AAGAAGA GCCGAAAGGCGAGUGAGGUCU CAGGGCA   30874   1948   9045   CCCACAUG G UUUUAAAU   12499   AUUUACAA GCCGAAAGGCGAGUGAGGUCU CAGGGCA   30875   1994   9036   UUGUAAAU G CAACGUG G CCGAAAGGCGAGUGAGGUCU CAGGGCA   30876   1994   9036   UUGUA		9255		12481	GAAGUUGG GCCGAAAGGCGAGUGAGGUCU ACCCGGCC	30856
1801   9229	1786	9244	AACUUCAC G CAGGAUGU	12482	ACAUCCUG GCCGAAAGGCGAGUGAGGUCU GUGAAGUU	30857
1811   9219	1793	9237	CGCAGGAU G UAACCCAG	12483	CUGGGUUA GCCGAAAGGCGAGUGAGGUCU AUCCUGCG	30858
1817   9213   AGGCCCAA G CCCUCGAC   12486   GUCGAGGG GCCGAAAGGCGAGUGAGGUCU UUGGGCCU   30861   1838   9192   CCUCCUGA G UUCUUUCU   12487   AGAAAGAA GCCGAAAGGCGAGUGAGGUCU UUGGAAGA   30862   1852   9178   UCUUCCAA G CCAGUGGU   12488   ACCACUGG GCCGAAAGGCGAGUGAGGUCU UUGGAAGA   30862   1856   9174   CCAAGCCA G UGGUCUU   12489   GAAGACCA GCCGAAAGGCGAGUGAGGUCU UUGCAUGG   30864   1859   9171   AGCCAGUG G UCUUCAUU   12490   AAUGAAGA GCCGAAAGGCGAGUGAGGUCU UUGCAUGG   30865   1881   9149   AACCAGAG G UCUUCAUU   12490   AAUGAAGA GCCGAAAGGCGAGUGAGGUCU UCUGGGUU   30865   1898   9132   UCCAGAGA G CCUCGACC   12491   GUUCGAGG GCCGAAAGGCGAGUGAGGUCU UUUGGGUU   30866   1898   9132   UCCAGGAG G CUCCGAGC   12492   GGAGCUCG GCCGAAAGGCGAGUGAGGUCU UUUCUGGA   30867   1902   9128   GAAAGCGA G CCACAUGA   12494   UCAUGUGG GCCGAAAGGCGAGUGAGGUCU UUUCUGGA   30867   1909   9121   AGCUCCGA G CCACAUGA   12494   UCAUGUGG GCCGAAAGGCGAGUGAGGUCU UCGGUUU   30869   1926   9104   ACCAAAUG G CUCUGCUU   12495   AAGCAGAG GCCGAAAGGCGAGUGAGGUCU UCGGAGCU   30867   1931   9099   AUGGCUCU G CUUUCCGU   12495   AAGCAGAG GCCGAAAGGCGAGUGAGGUCU CAUUUGGU   30870   1941   9089   UUCCCUUG G CUUUUCCU   12496   AAGGAAG GCCGAAAGGCGAGUGAGGUCU CAUUUGGU   30871   1941   9089   UUCCCUUG G CUUUUCCU   12496   AAGGAAG GCCGAAAGGCGAGUGAGGUCU CAUGGGA   30871   1941   9089   UUCCCUUG G CUUUUCCU   12496   AAGGAAG GCCGAAAGGCGAGUGAGGUCU CAGAGGAA   30873   1954   9036   UUGUAAAU G CAAGUGU   12497   CAGAAAGG GCCGAAAGGCGAGUGAGGUCU CAGAGGAA   30873   1955   9045   CCCAUCAU G UUGUAAAU   12498   AGAAAAA GCCGAAAGGCGAGUGAGGUCU CAGAGGAA   30873   1958   9042   AUCAUGU G UUGUAAAU   12499   AUUACAA GCCGAAAGGCGAGUGAGGUCU AUGAUGGG   30874   1958   9042   AUCAUGU G UAAAUGCA   12500   UGCAUUU G CCGAAAGGCGAGUGAGGUCU AUCAGAGGAGAGG	1801	9229	GUAACCCA G UUUUUGGA	12484	UCCAAAAA GCCGAAAGGCGAGUGAGGUCU UGGGUUAC	30859
1838   9192	1811	9219	UUUUGGAG G CCCAAGCC	12485	GGCUUGGG GCCGAAAGGCGAGUGAGGUCU CUCCAAAA	30860
1852   9178	1817	9213	AGGCCCAA G CCCUCGAC	12486	GUCGAGGG GCCGAAAGGCGAGUGAGGUCU UUGGGCCU	30861
1856   9174	1838	9192	CCUCCUGA G UUCUUUCU	12487	AGAAAGAA GCCGAAAGGCGAGUGAGGUCU UCAGGAGG	30862
1856   9174	1852	9178	UCUUCCAA G CCAGUGGU	12488	ACCACUGG GCCGAAAGGCGAGUGAGGUCU UUGGAAGA	30863
1859         9171         AGCCAGUG G UCUUCAUU         12490         AAUGAAGA GCCGAAAGGCGAGUGAGGUCU CACUGGCU         30865           1881         9149         AACCCAGA G CCUCGAAC         12491         GUUCGAGG GCCGAAAGGCGAGUGAGGUCU UCUGGGUU         30866           1898         9332         UCCAGAAA G CGAGCUCC         12492         GGAGCUCG GCCGAAAGGCGAGUGAGGUCU UCUCUGGCU         30867           1902         9128         GAAAGCGA G CUCCGAGC         12494         UCAUGUGG GCCGAAAGGCGAGUGAGGUCU UCGCUUUC         30868           1909         9121         AGCUCCGA G CCACUGA         12494         UCAUGUGG GCCGAAAGGCGAGUGAGGUCU UCGCUUUC         30869           1926         9104         ACCAAAUG G CUUCCCUU         12495         AAGCAGAG GCCGAAAGGCGAGUGAGGUCU CAUUUGU         30870           1931         9099         AUGGCUCU G CUUCCCU         12496         AAGGGAAG GCCGAAAGGCGAGUGAGGUCU CAAGGGAA         30871           1941         9089         UUCCCUUG G CUUUCCG         12497         CGGAAAGGCGAGUGAGGUCU CAAGGGAA         30872           1941         9089         UUCCCUUG G CUUUUUCU         12498         AGAAAAAA GCCGAAAGGCGAGUGAGGUCU CCGGGAA         30873           1985         9045         CCCAUCAU G UUGUAAAU         12499         AUUUACAA         GCCGAAAGGCGAGUGAGGUCU AUGAAUU         30875	1856	9174	CCAAGCCA G UGGUCUUC	12489	GAAGACCA GCCGAAAGGCGAGUGAGGUCU UGGCUUGG	30864
1881         9149         AACCCAGA G CCUCGAAC         12491         GUUCGAGG GCCGAAAGGCGAGUGAGGUCU UUUGGGUU         30866           1898         9132         UCCAGAAA G CGAGCUCC         12492         GGAGCUCG GCCGAAAGGCGAGUGAGGUCU UUUCUGGA         30867           1902         9128         GAAAGCAA G CUCCGAGC         12493         GCUCGGAG GCCGAAAGGCGAGUGAGGUCU UCGCUCU         30868           1909         9121         AGCUCCGA G CCACAUGA         12494         UCAUGUGG GCCGAAAGGCGAGUGAGGUCU CAUUUGGU         30869           1926         9104         ACCAAAUG G CUUCCGUU         12495         AAGCAGAG GCCGAAAGGCGAGUGAGGUCU CAUUUGGU         30870           1931         9099         AUGCUCU G CUUCCGU         12496         AAGGGAAG GCCGAAAGGCGAGUGAGGUCU CAAGGCAU         30871           1941         9089         UUCCCUUG G CUUUUCU         12497         CGGAAAAG GCCGAGAGGAGUGAGGUCU CAAGGGAA         30872           1960         9070         CUUCCCGG G UUUUUUU         12498         AGAAAAAA GCCGAAAGGCGAGUGAGGUCU ACCAGAGG         30873           1988         9042         AUCAUGUU G UAAAUGCA         12500         UGCAUUUA GCCGAAAGGCGAGUGAGGUCU AUUUACAA         30876           1994         9036         UUGUAAAU G CAAGUGUG         12501         CACACUUG GCCGAAAGGCGAGUGAGGUCU AUUUACAA         30876	<b></b>			<del>                                     </del>		
1898         9132         UCCAGAAA G CGAGCUCC         12492         GGAGCUCG GCCGAAAGGCAGUGAGGUCU UUUCUGGA         30867           1902         9128         GAAAGCGA G CUCCGAGC         12493         GCUCGGAG GCCGAAAGGCGAGUGAGGUCU UCGCUUUCC         30868           1909         9121         AGCUCCGA G CACAUGA         12494         UCAUGUGG GCCGAAAGGCGAGUGAGGUCU UCGGAGCU         30869           1926         9104         ACCAAAUG G CUCUGCUU         12495         AAGCAGAG GCCGAAAGGCGAGUGAGGUCU CAUUUGGU         30870           1931         9099         AUGGCUCU G CUUCCCUU         12495         AAGGAAAG GCCGAAAGGCGAGUGAGGUCU CAAGGGAA         30872           1941         9089         UUCCCUUG G CUUUCCG         12497         CGGAAAGG GCGAAAGGCGAGUGAGGUCU CAAGGGAA         30872           1960         9070         CUCUCCGG G UUUUUUCU         12498         AGAAAAA GCCGAAAGGCGAGUGAGGUCU CAAGGGAG         30873           1985         9045         CCCAUCAU G UUGUAAAU         12499         AUUUACAA GCCGAAAGGCGAGUGAGGUCU AACAUGAG         30875           1994         9036         UUGUAAAU G CAAGUGUG         12500         UGCAUUUA GCCGAAAGGCGAGUGAGGUCU AACAUGAU         30875           1998         9042         AAUGAGAAG G UGUGACAU         12501         CACACUUG GCCGAAAGGCGAGUGAGGUCU UACCUGAAAGGCAAGGUAAGGU	$\vdash$					
1902         9128         GAAAGCGA G CUCCGAGC         12493         GCUCGGAG GCCGAAAGGCAGUGAGGUCU UCGCUUUC         30868           1909         9121         AGCUCCGA G CCACAUGA         12494         UCAUGUGG GCCGAAAGGCAGUGAGGUCU UCGGAGCU         30869           1926         9104         ACCAAAUG G CUCUGCUU         12495         AAGGAAG GCCGAAAGGCAGUGAGGUCU CAUUUGGU         30870           1931         9099         AUGGCUCU G CUUCCCUU         12496         AAGGAAG GCCGAAAGGCGAGUGAGGUCU CAAGGGAA         30871           1941         9089         UUCCCUUG G CUUUUCCG         12497         CGGAAAGG GCCGAAAGGCGAGUGAGGUCU CAGGGAA         30872           1960         9070         CUCUCCGG G UUUUUUCU         12498         AGAAAAAA GCCGAAAGGCGAGUGAGGUCU CAGAGAGG 30873           1985         9045         CCCAUCAU G UUGUAAAU         12499         AUUUACAA GCCGAAAGGCGAGUGAGGUCU CCGGAGAGG 30874           1988         9042         AUCAUGU G UAAAUGCA         12500         UGCAUUUA GCCGAAAGGCGAGUGAGGUCU AACAUGAU         30876           1994         9036         UUGUAAAU G CAAGUUG         12501         CACACUUG GCCGAAAGGCGAGUGAGGUCU UUGCAUU AUUUACAA         30876           1998         9032         AAAUGCAA G UGACAUU         12502         AUGUCACA GCCGAAAGGCGAGUGAGGUCU UUCCAUU AUUUACAA         30878           2014         <	<del></del>	<del></del>		<del></del>		
1909         9121         AGCUCCGA G CCACAUGA         12494         UCAUGUGG GCCGAAAGGCGAGUGAGGUCU UCGGAGCU         30869           1926         9104         ACCAAAUG G CUCUGCUU         12495         AAGCAGAG GCCGAAAGGCGAGUGAGGUCU CAUUUGGU         30870           1931         9099         AUGGCUCU G CUUUCCCU         12496         AAGGGAAG GCCGAAAGGCGAGUGAGGUCU AGAGCCAU         30871           1941         9089         UUCCCUUG G CUUUUCCG         12497         CGGAAAGG GCCGAAUGGAGUGAGGUCU CAGGGAA         30872           1960         9070         CUCUCCGG G UUUUUUCU         12498         AGAAAAAA GCCGAAAGGCGAGUGAGGUCU CCGGAGAG         30873           1985         9045         CCCAUCAU G UUGUAAAU         12499         AUUACAA GCCGAAAGGCGAGUGAGGUCU AUGUAGGG         30874           1988         9042         AUCAUGUU G UAAAUGCA         12500         UGCAUUUA GCCGAAAGGCGAGUGAGGUCU AUUUACAA         30876           1994         9036         UUGUAAAU G CAAGUGUG         12501         CACACUUG GCCGAAAGGCGAGUGAGGUCU AUUUACAA         30876           1998         9032         AAAUGCAA G UGUGACAU         12502         AUGUCACA GCCGAAAGGCGAGUGAGGUCU ACUUCCAU         30878           2014         9016         UUCCCCCC G CAGAUGUG         12503         GAAUGUCA GCCGAAAGGCGAGUGAGGUCU ACUUCGCAU         30880						
1926         9104         ACCAAAUG G CUCUGCUU         12495         AAGCAGAG GCCGAAAGGCGAGUGAGGUCU CAUUUGGU         30870           1931         9099         AUGGCUCU G CUUCCCUU         12496         AAGGGAAG GCCGAAAGGCGAGUGAGGUCU CAGAGCAU         30871           1941         9089         UUCCCUUG G CCUUUCCG         12497         CGGAAAGG GCCGAAAGGCGAGUGAGGUCU CAGGGAA         30872           1960         9070         CUCUCCGG G UUUUUUCU         12498         AGAAAAAA GCCGAAAGGCGAGUGAGGUCU CCGAGAG         30873           1985         9045         CCCAUCAU G UUGUAAAU         12499         AUUUACAA GCCGAAAGGCGAGUGAGGUCU ACAUGAU         30874           1988         9042         AUCAUGUU G UAAAUGCA         12500         UGCAUUUA GCCGAAAGGCGAGUGAGGUCU ACAUGAU         30875           1994         9036         UUGUAAAU G CAAGUGUG         12501         CACACUUG GCCGAAAGGCGAGUGAGGUCU UUUACAA         30876           1998         9032         AAAUGCAA G UGUACAUU         12502         AUGUCACA GCCGAAAGGCGAGUGAGGUCU UUUACAA         30877           2000         9030         AUGCAAGU G UGACAUU         12503         GAAUGUCA GCCGAAAGGCGAGUGAGGUCU ACUUGCAU UUGCAUU         30878           2014         9016         UUCCCCCC G CAGAUGUG C CAGAAGGCGAGGCGAGUGAGGUCU ACUUGCAG C CAGAGAGGCGAGUGAGGUCU ACUUGCA C CACACACA C CACACACA C CACACACA C CACACACA C CACACACA C CACACAC						
1931         9099         AUGGCUCU G CUUCCCUU         12496         AAGGGAAG GCCGAAAGGCGAGUGAGGUCU AGAGCCAU         30871           1941         9089         UUCCCUUG G CCUUUCCG         12497         CGGAAAGG GCCGAAAGGCGAGUGAGGUCU CAAGGGAA         30872           1960         9070         CUCUCCGG G UUUUUUCU         12498         AGAAAAA GCCGAAAGGCGAGUGAGGUCU CCGGAGAG         30873           1985         9045         CCCAUCAU G UUGUAAAU         12499         AUUUACAA GCCGAAAGGCGAGUGAGGUCU AUGAUGGG         30874           1988         9042         AUCAUGUU G UAAAUGCA         12500         UGCAUUU GCCGAAAGGCGAGUGAGGUCU AUCUACAA         30875           1994         9036         UUGUAAAU G CAAGUGUG         12501         CACACUUG GCCGAAAGGCAGUGAGGUCU AUUUACAA         30876           1998         9032         AAAUGCAA G UGUGACAU         12502         AUGUCACA GCCGAAAGGCGAGUGAGGUCU AUUUCACAU         30876           1998         9030         AUGCAAGU G UGACAUUC         12503         GAAUGUCA GCCGAAAGGCGAGUGAGGUCU AUCUGCAU         30877           2000         9030         AUGCCAGC G CAGAUGUG         12503         GAAUGUCA GCCGAAAGGCGAGUGAGGUCU GGGGGAA         30879           2020         9010         CCGCAGAU G UGCCUCGC         12504         CACAUCUG GCCGAAAGGCGAGUGAGGUCU ACAUCUGC         30881				<del></del>		
1941         9089         UUCCCUUG G CUUUCCG         12497         CGGAAAGG GCCGAAAGGCGAGUGAGGUCU CAAGGGAA         30872           1960         9070         CUCUCCGG G UUUUUUCU         12498         AGAAAAAA GCCGAAAGGCGAGUGAGGUCU CCGGAGAG         30873           1985         9045         CCCAUCAU G UUGUAAAU         12499         AUUUACAA GCCGAAAGGCGAGUGAGGUCU AUGAUGGG         30874           1988         9042         AUCAUGUU G UAAAUGCA         12500         UGCAUUUA GCCGAAAGGCGAGUGAGGUCU AUUUACAA         30875           1994         9036         UUGUAAAU G CAAGUGUG         12501         CACACUUG GCCGAAAGGCGAGUGAGGUCU AUUUACAA         30876           1998         9032         AAAUGCAA G UGUGACAU         12502         AUGUCACA GCCGAAAGGCGAGUGAGGUCU UUGCAUUU         30877           2000         9030         AUGCAAGU G UGACAUUC         12503         GAAUGUCA GCCGAAAGGCGAGUGAGGUCU ACUUGCAU         30878           2014         9016         UUCCCCCC G CAGAUGUG         12504         CACAUCUG GCCGAAAGGCGAGUGAGGUCU AUCUGCGG         30880           2022         9008         GCAGAUGU G CCUCGCC         12505         GCGGAGGG GCCGAAAGGCGAGUGAGGUCU ACAUCUGC         30881           2027         9003         UGUCUCCG G CCUCCUC         12507         GAGGAGCG GCCGAAAGGCGAGUGAGGUCU ACAUCUGC         30881		<del></del>				<del></del>
1960         9070         CUCUCCGG G UUUUUUCU         12498         AGAAAAAA GCCGAAAGGCGAGUGAGGUCU CCGGAGAG         30873           1985         9045         CCCAUCAU G UUGUAAAU         12499         AUUUACAA GCCGAAAGGCGAGUGAGGUCU AUGAUGGG         30874           1988         9042         AUCAUGUU G UAAAUGCA         12500         UGCAUUUA GCCGAAAGGCGAGUGAGGUCU AACAUGAU         30875           1994         9036         UUGUAAAU G CAAGUGU         12501         CACACUUG GCCGAAAGGCGAGUGAGGUCU AUUUACAA         30876           1998         9032         AAAUGCAA G UGUGACAU         12502         AUGUCACA GCCGAAAGGCGAGUGAGGUCU UUGCAUUU         30877           2000         9030         AUGCAAGU G UGACAUUC         12503         GAAUGUCA GCCGAAAGGCGAGUGAGGUCU ACUUGCAU         30878           2014         9016         UUCCCCCC G CAGAUGU         12504         CACAUCUG GCCGAAAGGCGAGUGAGGUCU ACUUGCGG         30880           2020         9010         CCGCAGAU G UGCCUCC         12505         GCGAGGCA GCCGAAAGGCGAGUGAGGUCU ACUUCGCG         30880           2022         9008         GCAGAUGU G CCUCCGCC         12506         GCGCGCGAAAGGCGAGUGAGGUCU GCGAGCACA         30882           2029         9001         UGCCUCGG G CUCCUCU         12507         GAGGAGCG GCCGAAAGGCGAGUGAGGUCU GCGAGGCA         30883           20	<del></del>	· · · · · · · · · · · · · · · · · · ·		<del></del>		
1985         9045         CCCAUCAU G UUGUAAAU         12499         AUUUACAA GCCGAAAGGCGAGUGAGGUCU AUGAUGGG         30874           1988         9042         AUCAUGUU G UAAAUGCA         12500         UGCAUUUA GCCGAAAGGCGAGUGAGGUCU AACAUGAU         30875           1994         9036         UUGUAAAU G CAAGUGUG         12501         CACACUUG GCCGAAAGGCGAGUGAGGUCU AUUUACAA         30876           1998         9032         AAAUGCAA G UGUGACAU         12502         AUGUCACA GCCGAAAGGCGAGUGAGGUCU UUGCAUUU         30877           2000         9030         AUGCAAGU G UGACAUUC         12503         GAAUGUCA GCCGAAAGGCGAGUGAGGUCU ACUUGCAU         30878           2014         9016         UUCCCCCC G CAGAUGUG         12504         CACAUCUG GCCGAAAGGCGAGUGAGGUCU ACUUGCGG         30880           2020         9010         CCGCAGAU G UGCCUCGC         12505         GCGAGGCA GCCGAAAGGCGAGUGAGGUCU ACAUCUGC         30881           2027         9003         UGUGCCUC G CGCUCCUC         12506         GCGCGAGG GCCGAAAGGCGAGUGAGGUCU ACAUCUGC         30881           2027         9003         UGUGCCUC G CGCUCCUC         12507         GAGGAGCG GCCGAAAGGCGAGUGAGGUCU GAGGCCA         30882           2029         9001         UGCCUCGC G CUCCUCAU         12508         AUGAGGAG GCCGAAAGGCGAGUGAGGUCU AGUUGAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG	<del></del>		<del></del>	<del></del>		
1988 9042 AUCAUGUU G UAAAUGCA 12500 UGCAUUUA GCCGAAAGGCGAGUGAGGUCU AACAUGAU 30875 1994 9036 UUGUAAAU G CAAGUGUG 12501 CACACUUG GCCGAAAGGCGAGUGAGGUCU AUUUACAA 30876 1998 9032 AAAUGCAA G UGUGACAU 12502 AUGUCACA GCCGAAAGGCGAGUGAGGUCU UUGCAUUU 30877 2000 9030 AUGCAAGU G UGACAUUC 12503 GAAUGUCA GCCGAAAGGCGAGUGAGGUCU ACUUGCAU 30878 2014 9016 UUCCCCCC G CAGAUGUG 12504 CACAUCUG GCCGAAAGGCGAGUGAGGUCU ACUUGCAU 30879 2020 9010 CCGCAGAU G UGCCUCGC 12505 GCGAGGCA GCCGAAAGGCGAGUGAGGUCU AUCUGCGG 30880 2022 9008 GCAGAUGU G CCUCGCCC 12506 GCGCGAGG GCCGAAAGGCGAGUGAGGUCU ACAUCUGC 30881 2027 9003 UGUGCCUC G CGCUCCUC 12507 GAGGAGCG GCCGAAAGGCGAGUGAGGUCU GCGAGGCA 30882 2029 9001 UGCCUCGC G CUCCUCAU 12508 AUGAGGAG GCCGAAAGGCGAGUGAGGUCU GCGAGGCA 30883 2070 8960 CUUCAACU G CUUCUCUG 12509 CAGAGAAG GCCGAAAGGCGAGUGAGGUCU AGAUGAAG 30884 2079 8951 CUUCUCUG G CGCUCCUC 12510 GAGGAGC GCCGAAAGGCGAGUGAGGUCU CAGAGAAG 30886 2081 8949 UCUCUGGC G CUCCUCCA 12511 UGGAGGAG GCCGAAAGGCGAGUGAGGUCU CAGAGAAG 30886 2088 8932 UUGAUUCU G CUCUUCAA 12511 UGGAGGAG GCCGAAAGGCGAGUGAGGUCU AGAUCAA 30887 2112 8918 CAAACAUG G CACCCAAA 12513 UUUGGGUG GCCGAAAGGCGAGUGAGGUCU CAUGUUUG 30888 2121 8909 CACCCAAA G CUGCAUUG 12514 CAAUGCAG GCCGAAAGGCGAGUGAGGUCU UUUGGGUG 30889				+		30873
1994 9036 UUGUAAAU G CAAGUGUG 12501 CACACUUG GCCGAAAGGCGAGUGAGGUCU AUUUACAA 30876 1998 9032 AAAUGCAA G UGUGACAU 12502 AUGUCACA GCCGAAAGGCGAGUGAGGUCU UUGCAUUU 30877 2000 9030 AUGCAAGU G UGACAUUC 12503 GAAUGUCA GCCGAAAGGCGAGUGAGGUCU ACUUGCAU 30878 2014 9016 UUCCCCCC G CAGAUGUG 12504 CACAUCUG GCCGAAAGGCGAGUGAGGUCU GGGGGGAA 30879 2020 9010 CCGCAGAU G UGCCUCGC 12505 GCGAGGCA GCCGAAAGGCGAGUGAGGUCU AUCUGCGG 30880 2022 9008 GCAGAUGU G CCUCGCGC 12506 GCGCGAGG GCCGAAAGGCGAGUGAGGUCU ACAUCUGC 30881 2027 9003 UGUGCCUC G CGCUCCUC 12507 GAGGAGGC GCCGAAAGGCGAGUGAGGUCU GAGGCACA 30882 2029 9001 UGCCUCGC G CUCCUCAU 12508 AUGAGGAG GCCGAAAGGCGAGUGAGGUCU GCGAGGCA 30883 2070 8960 CUUCAACU G CUUCUCUG 12509 CAGAGAAG GCCGAAAGGCGAGUGAGGUCU AGUUGAAG 30884 2079 8951 CUUCUCUG G CGCUCCUC 12510 GAGGAGCG GCCGAAAGGCGAGUGAGGUCU CAGAGAAG 30885 2081 8949 UCUCUGGC G CUCCUCCA 12511 UGGAGGAG GCCGAAAGGCGAGUGAGGUCU GCCAGAGA 2098 8932 UUGAUUCU G CUCUUCAA 12512 UUGAAGAG GCCGAAAGGCGAGUGAGGUCU AGAUCAA 30887 2112 8918 CAAACAUG G CACCCAAA 12513 UUUGGGUG GCCGAAAGGCGAGUGAGGUCU CAUGUUUG 30888 2121 8909 CACCCAAA G CUGCAUG 12514 CAAUGCAG GCCGAAAGGCGAGUGAGGUCU UUUGGGUG 30888		9045		12499	AUUUACAA GCCGAAAGGCGAGUGAGGUCU AUGAUGGG	30874
1998         9032         AAAUGCAA         GUGUGACAU         12502         AUGUCACA         GCCGAAAGGCGAGUGAGGUCU         UUGCAUUU         30877           2000         9030         AUGCAAGU         GUGACAUUC         12503         GAAUGUCA         GCCGAAAGGCGAGUGAGGUCU         ACUUGCAU         30878           2014         9016         UUCCCCCC         GCAGAUGUG         12504         CACAUCUG         GCCGAAAGGCGAGUGAGGUCU         GGGGGGAA         30879           2020         9010         CCGCAGAU         GUGCCUCGC         12505         GCGGAGGCA         GCCGAAAGGCGAGUGAGGUCU         AUCUGCGG         30880           2022         9008         GCAGAUGU         GCCUCCUC         12506         GCGCGAGG         GCCGAAAGGCGAGUGAGGUCU         ACAUCUGC         30881           2027         9003         UGUGCCUCG         GCCUCCUC         12507         GAGGAGG         GCCGAAAGGCGAGUGAGGUCU         GAGGGCA         30882           2029         9001         UGCCUCGC         GCUCCUC         12508         AUGAGGAG         GCCGAAAGGCGAGUGAGGUCU         GCGAGGCA         30883           2070         8960         CUUCAACU         12509         CAGAGAGG         GCCGAAAGGCGAGUGAGGUCU         AUGUGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG	1988	9042	AUCAUGUU G UAAAUGCA	12500	UGCAUUUA GCCGAAAGGCGAGUGAGGUCU AACAUGAU	30875
2000         9030         AUGCAAGU G UGACAUUC         12503         GAAUGUCA GCCGAAAGGCGAGUGAGGUCU ACUUGCAU         30878           2014         9016         UUCCCCCC G CAGAUGUG         12504         CACAUCUG GCCGAAAGGCGAGUGAGGUCU GGGGGGAA         30879           2020         9010         CCGCAGAU G UGCCUCGC         12505         GCGAGGCA GCCGAAAGGCGAGUGAGGUCU ACUUCUGG         30880           2022         9008         GCAGAUGU G CCUCCCCC         12506         GCGCGAGG GCCGAAAGGCGAGUGAGGUCU ACUUCUGC         30881           2027         9003         UGUGCCUC G CGCUCCUC         12507         GAGGAGCG GCCGAAAGGCGAGUGAGGUCU GAGGCACA         30882           2029         9001         UGCCUCGC G CUCCUCAU         12508         AUGAGGAG GCCGAAAGGCGAGUGAGGUCU GCGAGGCA         30883           2070         8960         CUUCAACU G CUUCUCUG         12509         CAGAGAGG GCCGAAAGGCGAGUGAGGUCU AGUUGAAG         30884           2079         8951         CUUCUCUG G CGCUCCUC         12510         GAGGAGG GCCGAAAGGCGAGUGAGGUCU CAGAGAAG         30885           2081         8949         UCUCUGGC G CUCCUCCA         12511         UGGAGGAG GCCGAAAGGCGAGUGAGGUCU GCCAGAGA         30886           2098         8932         UUGAUUCU G CUCUCAA         12512         UUGAAGAG GCCGAAAGGCGAGUGAGGUCU CAUGUUAA         30887	1994	9036	UUGUAAAU G CAAGUGUG	12501	CACACUUG GCCGAAAGGCGAGUGAGGUCU AUUUACAA	30876
2014 9016 UUCCCCCC G CAGAUGUG 12504 CACAUCUG GCCGAAAGGCGAGUGAGGUCU GGGGGGAA 30879 2020 9010 CCGCAGAU G UGCCUCGC 12505 GCGAGGCA GCCGAAAGGCGAGUGAGGUCU AUCUGCGG 30880 2022 9008 GCAGAUGU G CCUCGCGC 12506 GCGCGAGG GCCGAAAGGCGAGUGAGGUCU ACAUCUGC 30881 2027 9003 UGUGCCUC G CGCUCCUC 12507 GAGGAGCG GCCGAAAGGCGAGUGAGGUCU GAGGCACA 30882 2029 9001 UGCCUCGC G CUCCUCAU 12508 AUGAGGAG GCCGAAAGGCGAGUGAGGUCU GCGAGGCA 30883 2070 8960 CUUCAACU G CUUCUCUG 12509 CAGAGAAG GCCGAAAGGCGAGUGAGGUCU AGUUGAAG 30884 2079 8951 CUUCUCUG G CGCUCCUC 12510 GAGGAGCG GCCGAAAGGCGAGUGAGGUCU CAGAGAAG 30885 2081 8949 UCUCUGGC G CUCCUCCA 12511 UGGAGGAG GCCGAAAGGCGAGUGAGGUCU GCCAGAGA 2098 8932 UUGAUUCU G CUCUUCAA 12512 UUGAAGAG GCCGAAAGGCGAGUGAGGUCU AGAAUCAA 30887 2112 8918 CAAACAUG G CACCCAAA 12513 UUUGGGUG GCCGAAAGGCGAGUGAGGUCU CAUGUUUG 30888 2121 8909 CACCCAAA G CUGCAUUG 12514 CAAUGCAG GCCGAAAGGCGAGUGAGGUCU UUUGGGUG 30889	1998	9032	AAAUGCAA G UGUGACAU	12502	AUGUCACA GCCGAAAGGCGAGUGAGGUCU UUGCAUUU	30877
2014 9016 UUCCCCCC G CAGAUGUG 12504 CACAUCUG GCCGAAAGGCGAGUGAGGUCU GGGGGGAA 30879 2020 9010 CCGCAGAU G UGCCUCGC 12505 GCGAGGCA GCCGAAAGGCGAGUGAGGUCU AUCUGCGG 30880 2022 9008 GCAGAUGU G CCUCGCGC 12506 GCGCGAGG GCCGAAAGGCGAGUGAGGUCU ACAUCUGC 30881 2027 9003 UGUGCCUC G CGCUCCUC 12507 GAGGAGCG GCCGAAAGGCGAGUGAGGUCU GAGGCACA 30882 2029 9001 UGCCUCGC G CUCCUCAU 12508 AUGAGGAG GCCGAAAGGCGAGUGAGGUCU GCGAGGCA 30883 2070 8960 CUUCAACU G CUUCUCUG 12509 CAGAGAAG GCCGAAAGGCGAGUGAGGUCU AGUUGAAG 30884 2079 8951 CUUCUCUG G CGCUCCUC 12510 GAGGAGCG GCCGAAAGGCGAGUGAGGUCU CAGAGAAG 30885 2081 8949 UCUCUGGC G CUCCUCCA 12511 UGGAGGAG GCCGAAAGGCGAGUGAGGUCU GCCAGAGA 2098 8932 UUGAUUCU G CUCUUCAA 12512 UUGAAGAG GCCGAAAGGCGAGUGAGGUCU AGAUCAA 30887 2112 8918 CAAACAUG G CACCCAAA 12513 UUUGGGUG GCCGAAAGGCGAGUGAGGUCU CAUGUUUG 30888 2121 8909 CACCCAAA G CUGCAUUG 12514 CAAUGCAG GCCGAAAGGCGAGUGAGGUCU UUUGGGUG 30889	2000	9030	AUGCAAGU G UGACAUUC	12503	GAAUGUCA GCCGAAAGGCGAGUGAGGUCU ACUUGCAU	30878
20209010CCGCAGAU G UGCCUCGC12505GCGAGGCA GCCGAAAGGCGAGUGAGGUCU AUCUGCGG3088020229008GCAGAUGU G CCUCGCGC12506GCGCGAGG GCCGAAAGGCGAGUGAGGUCU ACAUCUGC3088120279003UGUGCCUC G CGCUCCUC12507GAGGAGCG GCCGAAAGGCGAGUGAGGUCU GAGGCACA3088220299001UGCCUCGC G CUCCUCAU12508AUGAGGAG GCCGAAAGGCGAGUGAGGUCU GCGAGGCA3088320708960CUUCAACU G CUUCUCUG12509CAGAGAAG GCCGAAAGGCGAGUGAGGUCU AGUUGAAG3088420798951CUUCUCUG G CGCUCCUC12510GAGGAGCG GCCGAAAGGCGAGUGAGGUCU CAGAGAAG3088520818949UCUCUGGC G CUCCUCCA12511UGGAGGAG GCCGAAAGGCGAGUGAGGUCU GCCAGAGA3088620988932UUGAUUCU G CUCUUCAA12512UUGAAGAG GCCGAAAGGCGAGUGAGGUCU AGAAUCAA3088721128918CAAACAUG G CACCCAAA12513UUUGGGUG GCCGAAAGGCGAGUGAGGUCU CAUGUUUG3088821218909CACCCAAA G CUGCAUUG12514CAAUGCAG GCCGAAAGGCGAGUGAGGUCU UUUGGGUG30889	2014	9016	UUCCCCCC G CAGAUGUG	<del></del>		
2022         9008         GCAGAUGU G CCUCGCGC         12506         GCGCGAGG GCCGAAAGGCGAGUGAGGUCU ACAUCUGC         30881           2027         9003         UGUGCCUC G CGCUCCUC         12507         GAGGAGCG GCCGAAAGGCGAGUGAGGUCU GAGGCACA         30882           2029         9001         UGCCUCGC G CUCCUCAU         12508         AUGAGGAG GCCGAAAGGCGAGUGAGGUCU GCGAGGCA         30883           2070         8960         CUUCAACU G CUUCUCUG         12509         CAGAGAAG GCCGAAAGGCGAGUGAGGUCU AGUUGAAG         30884           2079         8951         CUUCUCUG G CGCUCCUC         12510         GAGGAGCG GCCGAAAGGCGAGUGAGGUCU CAGAGAAG         30885           2081         8949         UCUCUGGC G CUCCUCA         12511         UGGAGGAG GCCGAAAGGCGAGUGAGGUCU GCCAGAGA         30886           2098         8932         UUGAUUCU G CUCUUCAA         12512         UUGAAGAG GCCGAAAGGCGAGUGAGGUCU AGAAUCAA         30887           2112         8918         CAAACAUG G CACCCAAA         12513         UUUGGGUG GCCGAAAGGCGAGUGAGGUCU CAUGUUUG         30888           2121         8909         CACCCAAA         CUGCAUUG         12514         CAAUGCAG GCCGAAAGGCGAGUGAGGUCU UUUGGGUG         30889	2020		CCGCAGAU G UGCCUCGC			
20279003UGUGCCUC G CGCUCCUC12507GAGGAGCG GCCGAAAGGCGAGUGAGGUCU GAGGCACA3088220299001UGCCUCGC G CUCCUCAU12508AUGAGGAG GCCGAAAGGCGAGUGAGGUCU GCGAGGCA3088320708960CUUCAACU G CUUCUCG12509CAGAGAAG GCCGAAAGGCGAGUGAGGUCU AGUUGAAG3088420798951CUUCUCUG G CGCUCCUC12510GAGGAGCG GCCGAAAGGCGAGUGAGGUCU CAGAGAAG3088520818949UCUCUGGC G CUCCUCCA12511UGGAGGAG GCCGAAAGGCGAGUGAGGUCU GCCAGAGA3088620988932UUGAUUCU G CUCUUCAA12512UUGAAGAG GCCGAAAGGCGAGUGAGGUCU AGAAUCAA3088721128918CAAACAUG G CACCCAAA12513UUUGGGUG GCCGAAAGGCGAGUGAGGUCU CAUGUUUG3088821218909CACCCAAA G CUGCAUUG12514CAAUGCAG GCCGAAAGGCGAGUGAGGUCU UUUGGGUG30889	<del></del>		<del></del>			
20299001UGCCUCGC G CUCCUCAU12508AUGAGGAG GCCGAAAGGCGAGUGAGGUCU GCGAGGCA3088320708960CUUCAACU G CUUCUCG12509CAGAGAAG GCCGAAAGGCGAGUGAGGUCU AGUUGAAG3088420798951CUUCUCUG G CGCUCCUC12510GAGGAGG GCCGAAAGGCGAGUGAGGUCU CAGAGAAG3088520818949UCUCUGGC G CUCCUCCA12511UGGAGGAG GCCGAAAGGCGAGUGAGGUCU GCCAGAGA3088620988932UUGAUUCU G CUCUUCAA12512UUGAAGAG GCCGAAAGGCGAGUGAGGUCU AGAAUCAA3088721128918CAAACAUG G CACCCAAA12513UUUGGGUG GCCGAAAGGCGAGUGAGGUCU CAUGUUUG3088821218909CACCCAAA G CUGCAUUG12514CAAUGCAG GCCGAAAGGCGAGUGAGGUCU UUUGGGUG30889		<del></del>		<del></del>		
2070 8960 CUUCAACU G CUUCUCUG 12509 CAGAGAAG GCCGAAAGGCGAGUGAGGUCU AGUUGAAG 30884 2079 8951 CUUCUCUG G CGCUCCUC 12510 GAGGAGCG GCCGAAAGGCGAGUGAGGUCU CAGAGAAG 30885 2081 8949 UCUCUGGC G CUCCUCCA 12511 UGGAGGAG GCCGAAAGGCGAGUGAGGUCU GCCAGAGA 30886 2098 8932 UUGAUUCU G CUCUUCAA 12512 UUGAAGAG GCCGAAAGGCGAGUGAGGUCU AGAAUCAA 30887 2112 8918 CAAACAUG G CACCCAAA 12513 UUUGGGUG GCCGAAAGGCGAGUGAGGUCU CAUGUUUG 30888 2121 8909 CACCCAAA G CUGCAUUG 12514 CAAUGCAG GCCGAAAGGCGAGUGAGGUCU UUUGGGUG 30889	<del></del>		<del></del>			
2079 8951 CUUCUCUG G CGCUCCUC 12510 GAGGAGCG GCCGAAAGGCGAGUGAGGUCU CAGAGAAG 30885 2081 8949 UCUCUGGC G CUCCUCCA 12511 UGGAGGAG GCCGAAAGGCGAGUGAGGUCU GCCAGAGA 30886 2098 8932 UUGAUUCU G CUCUUCAA 12512 UUGAAGAG GCCGAAAGGCGAGUGAGGUCU AGAAUCAA 30887 2112 8918 CAAACAUG G CACCCAAA 12513 UUUGGGUG GCCGAAAGGCGAGUGAGGUCU CAUGUUUG 30888 2121 8909 CACCCAAA G CUGCAUUG 12514 CAAUGCAG GCCGAAAGGCGAGUGAGGUCU UUUGGGUG 30889	<u> </u>	<del> </del>				
2081 8949 UCUCUGGC G CUCCUCCA 12511 UGGAGGAG GCCGAAAGGCGAGUGAGGUCU GCCAGAGA 30886 2098 8932 UUGAUUCU G CUCUUCAA 12512 UUGAAGAG GCCGAAAGGCGAGUGAGGUCU AGAAUCAA 30887 2112 8918 CAAACAUG G CACCCAAA 12513 UUUGGGUG GCCGAAAGGCGAGUGAGGUCU CAUGUUUG 30888 2121 8909 CACCCAAA G CUGCAUUG 12514 CAAUGCAG GCCGAAAGGCGAGUGAGGUCU UUUGGGUG 30889					<u> </u>	<del></del>
2098 8932 UUGAUCU G CUCUUCAA 12512 UUGAAGAG GCCGAAAGGCGAGUGAGGUCU AGAAUCAA 30887 2112 8918 CAAACAUG G CACCCAAA 12513 UUUGGGUG GCCGAAAGGCGAGUGAGGUCU CAUGUUUG 30888 2121 8909 CACCCAAA G CUGCAUUG 12514 CAAUGCAG GCCGAAAGGCGAGUGAGGUCU UUUGGGUG 30889						
2112 8918 CAAACAUG G CACCCAAA 12513 UUUGGGUG GCCGAAAGGCGAGUGAGGUCU CAUGUUUG 30888 2121 8909 CACCCAAA G CUGCAUUG 12514 CAAUGCAG GCCGAAAGGCGAGUGAGGUCU UUUGGGUG 30889		<del></del>	<del></del>	+	<u> </u>	<del></del>
2121 8909 CACCCAAA G CUGCAUUG 12514 CAAUGCAG GCCGAAAGGCGAGUGAGGUCU UUUGGGUG 30889	<del></del>	<del></del>	<u> </u>			30887
2104 0006 0000000000000000000000000000000		<del></del>			UUUGGGUG GCCGAAAGGCGAGUGAGGUCU CAUGUUUG	30888
2124   8906   CCAAAGCU G CAUUGCUG   12515   CAGCAAUG GCCGAAAGGCGAGUGAGGUCU AGCUUUGG   30890		<del></del>		<del></del>	<u> </u>	30889
	2124	8906	CCAAAGCU G CAUUGCUG	12515	CAGCAAUG GCCGAAAGGCGAGUGAGGUCU AGCUUUGG	30890

Table X

1999	0100	0001	GCUGCAUU G CUGUUGAC	12516	GUCAACAG GCCGAAAGGCGAGUGAGGUCU AAUGCAGC	30891
1969   UCCUCIONAS   CANADAC   12519   AGAARIGU GCOMANGOCANGAGORU UCCORAR   30991	2129	8901				
1317	$\vdash$					
1915						
1936	-					
	<del></del>					
	2207	8823	CACAACCA G UUGGUGGU			
1922  1936   1010AUTIGA G CAGGUACU   1959   AGUAGGUG GCCGAAAGGCGAGUAGGGGUG UCAGUGGG   1950   1922   1936   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926   1926	2211	8819	ACCAGUUG G UGGUCUCA	12523		
	2214	8816	AGUUGGUG G UCUCAUUG	12524	CAAUGAGA GCCGAAAGGCGAGUGAGGUCU CACCAACU	30899
19215   8785	2224	8806	CUCAUUGA G CACGUACU	12525	AGUACGUG GCCGAAAGGCGAGUGAGGUCU UCAAUGAG	30900
22256   8786	2228	8802	UUGAGCAC G UACUUCAC	12526	GUGAAGUA GCCGAAAGGCGAGUGAGGUCU GUGCUCAA	30901
2256	2245	8785	UCCUUCUG G CGGUUCAG	12527	CUGAACCG GCCGAAAGGCGAGUGAGGUCU CAGAAGGA	30902
2262   8766   GAGCUUUC 0   UGUCCACC   12530   GOUGGACA   CCCGAAAGGCCAGUUGACGUCU   CAAAGCCC   30996   2264   8766   GCUUUCGU G   UCCACCUU   12531   AAGGUGGA   GCCGAAAGGCGAGUGAGGUCU   ACAGCCC   30996   22897   8743   GAACACUC 0   CUGCCCCA   12533   LOGGCGGAGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGG	2248	8782	UUCUGGCG G UUCAGGAG	12528	CUCCUGAA GCCGAAAGGCGAGUGAGGUCU CGCCAGAA	30903
2286   8765   GCUUUCGU G UCCACCUU   12531   AAGGUGGA GCCGAAAGGCGAGUGAGGUCU AGGAGUC 309907   22936   8743   GARCACUC G CUGCUGCC   12533   GGCAGAGG GCCGAAAGGCGAGUGAGGUCU GGUGUUC 309907   22938   8737   UCGCUGGU G CUGCCCGA   12533   UCGGGCAG GCCGAAAGGCGAGUGAGGUCU AGCAGGG   309908   22938   8737   UCGCUGGU G CCCCAAAGG   12534   UCGGGCAG GCCGAAAGGCGAGUGAGGUCU AGCAGCGA   309908   23934   8726   CCAAAGGG A UAAGGUCA   12535   UGACACUA GCCGAAAGGCAGUGAGGUCU AGCAGCGA   309909   23907   8723   AGGGAGUG G UCAGGUCU   12535   UGACACUA GCCGAAAGGCGAGUGAGGUCU UCCCUUCG   30911   23909   23909   23909   23909   23909   23909   23909   23909   23909   23909   23909   23909   23909   23909   23909   23909   23909   23909   23909   23909   23909   23909   23909   23909   23909   23909   23909   23909   23909   23909   23909   23909   23909   23909   23909   23909   23909   23909   23909   23909   23909   23909   23909   23909   23909   23909   23909   23909   23909   23909   23909   23909   23909   23909   23909   23909   23909   23909   23909   23909   23909   23909   23909   23909   23909   23909   23909   23909   23909   23909   23909   23909   23909   23909   23909   23909   23909   23909   23909   23909   23909   23909   23909   23909   23909   23909   23909   23909   23909   23909   23909   23909   23909   23909   23909   23909   23909   23909   23909   23909   23909   23909   23909   23909   23909   23909   23909   23909   23909   23909   23909   23909   23909   23909   23909   23909   23909   23909   23909   23909   23909   23909   23909   23909   23909   23909   23909   23909   23909   23909   23909   23909   23909   23909   23909   23909   23909   23909   23909   23909   23909   23909   23909   23909   23909   23909   23909   23909   23909   23909   23909   23909   23909   23909   23909   23909   23909   23909   23909   23909   23909   23909   23909   23909   23909   23909   23909   23909   23909   23909   23909   23909   23909   23909   23909   23909   23909   23909   23909   23909   23909   23909   23909   23909   23909	2256	8774	GUUCAGGA G CUUUCGUG	12529	CACGAAAG GCCGAAAGGCGAGUGAGGUCU UCCUGAAC	30904
2297	2262	8768	GAGCUUUC G UGUCCACC	12530	GGUGGACA GCCGAAAGGCGAGUGAGGUCU GAAAGCUC	30905
2290   8740   CACUCGCU 6 CUGCCCGA   12533   UCGGGCAG GCGGAAGGCGAGUGAGGUCU AGCGAGUG   30998   2304   8726   CGAAGGGA GCCGAAAGGCAGUGAGGUCU ACCAGCA   30999   2307   8723   AGGAGGA GCCGAAAGGCGAAGGAGGAGGAGGAGGAGGAGGAGGAGGA	2264	8766	GCUUUCGU G UCCACCUU	12531	AAGGUGGA GCCGAAAGGCGAGUGAGGUCU ACGAAAGC	30906
2290	2287	8743	GAACACUC G CUGCUGCC	12532	GGCAGCAG GCCGAAAGGCGAGUGAGGUCU GAGUGUUC	30907
2233   8737	2290		CACUCGCU G CUGCCCGA	12533	UCGGGCAG GCCGAAAGGCGAGUGAGGUCU AGCGAGUG	30908
2307   8726						30909
2307   8723   AGGAGUA G UGUCAGUC   12537   AUGACUAG GCCGAAAGGCGAGUGAGGUCU URCUCCCU   30912   2313   8717   UAGUGUCA G UCAUGUCC   12538   GCCCAUGA GCCGAAAGGCGAGUGAGGUCU URCUCCU   30912   2313   8717   UAGUGUCA G UCAUGGCC   12538   GCCAUGA GCCGAAAGGCGAGUGAGGUCU URCACACUA   30913   3319   8711   CAGUCAUG G CCAUGGUG   12539   CACCAUGG GCGGAAAGGCGAGUGAGGUCU UAGACUCA   30914   2325   8705   UGGCCAUG G UGAUACA   12540   UGUUACCA GCCGAAAGGCGAGUGAGGUCU CAUGACUC   30914   2327   8705   UGGCCAUG G UGAUACA   12540   UGUUACCA GCCGAAAGGCGAGUGAGGUCU CAUGACUC   30915   2328   8702   CCAUGGUG G UAACAUUC   12541   GAAUGUUA CA GCCGAAAGGCGAGUGAGGUCU CAUGACUC   30915   2337   8693   UAACAUUC   12541   UGUUCACA GCCGAAAGGCGAGUGAGGUCU CAUGACUC   30915   2343   8687   UCUCAUGU G UGUUCACU   12543   AUGGGACA GCCGAAAGGCGAGUGAGGUCU CAUCACAG   30918   2345   8687   UGUUCAUG G UCCCAUG   12544   CCAUGGGA GCCGAAAGGCGAGUGAGGUCU CAUCACAG   30918   2345   8687   UGUUCAUG G UCCCAUG   12544   UCUACAA GCCGAAAGGCGAGUGAGGUCU CAUCACAC   30919   2353   8677   GUCCCAUG G UUUAGAGA   12545   UCUCAAAA GCCGAAAGGCGAGUGAGGUCU CAUGAGCA   30919   2365   8665   UGAGAGGA   CCUGACCA   12546   UCUCAAAA GCCGAAAGGCGAGUGAGGUCU CAUGAGCA   30922   2366   8644   AUUGACCA G CGAACCC   12546   UCUCAAAA GCCGAAAGGCGAGUGAGGUCU CAUCACAC   30922   2394   8636   GCGAACUG G CGGAACGG   12547   CCACAUG GCCGAAAGGCGAGUGAGGUCU CAUCACAC   30922   2394   8631   CUGGCGGA G CCUGUAGG   12547   CCACAUG GCCGAAAGGCGAGUGAGGUCU CAUCACAC   30922   2403   8627   CCGACACG G CGAAAGGCCGACAGGCAGGCAGGCAGGC						
2313   8717	<b></b>					
2313   8717						
2319   8711						
2325   8705						
2328   8702   CCAUGGUG G UANCAUUC   12541   GANGGUIA GCCGANAGGGAGUGAGGUCU CACCAUGG   30916   2337   8693   UANCAUUC G UGAUGGUG   12542   CACCAUCA GCCGANAGGGAGUGAGGUCU CACCAUGG   30918   2343   8667   UCCUGGAUG G UGUCCCAU   12543   AUGGGACA GCCGANAGGCGAGUGAGGUCU CACUCACGA   30918   2345   8685   GUGAUGGU G UCCCAUGG   12544   CCAUGGGA GCCGANAGGCGAGUGAGGUCU CACUCACC   30919   2353   8677   GUCCCAUG G UUUUGAGA   12544   UCGUCAGA GCCGANAGGCGAGUGAGGUCU CAUCACCA   30919   2365   8665   UGAGAGGA G UCUGACCA   12546   UGGUCAGG GCCGANAGGCGAGUGAGGUCU CAUCAGGA   30920   2366   8665   UGAGAGGA G CCUGACCA   12546   UGGUCAGG GCCGANAGGCGAGUGAGGUCU UCUCUCCA   30921   2386   8644   AUUGACCA G CGAACUG G CGGAACUGG GCCGANAGGCGAGUGAGGUCU UCUCUCCA   30921   2394   8636   GCGAACUG G GGAGCCU   12548   AGGUCCG GCGGANAGGCGAGUGAGGUCU UGUCCAU   30921   2399   8631   CUGGCGGA G CCUGACGU   12549   CCCACAGG GCCGANAGGCGAGUGAGGUCU UCUCCCC   30922   2407   8623   CCCUGUGG G CUUCACAU   12551   AAGGUCCG GCCGANAGGCAGUGAGGUCU   AGGUCCC   30924   2407   8623   SCCUGUGG G CUUCACAU   12551   AAGUGACG GCCGANAGGCAGUGAGGUCU   AGCUCCC   30926   2426   8604   URACUGCC G UGAUAGGU   12551   AUUGACGG GCCGANAGGCAGUGAGGUCU   AGCUCCC   30926   2426   8604   URACUGCC G UGAUAGUU   12552   UAUCACGG GCCGANAGGCAGAGGAGUGAGGUCU   AGCUCCC   30926   2432   8598   CCGUGAUA G UUCCAGUU   12554   ACCUGGAA   GCCGANAGGCAGUGAGUCU   AGUUAGAG   30928   2432   8598   CCGUGAUA G UUCCAUU   12554   ACCUGGAA   GCCGANAGGCAGUGAGUCU   AGUUAGAG   30928   2432   8598   CCGUGAUA G UUCCAUU   12554   ACCUGGAA   GCCGANAGGCAGUGAGUCU   AGUUAGAG   30928   2432   8598   CCGUGAGG G UUCCACAU   12555   AUAUGAGA   GCCGANAGGCAGUGAGGUCU   AGUUAGAG   30928   2450   8580   UUCUAUGAG   UUCUAUC   12555   GAUAGAG   GCCGANAGGCAGUGAGGUCU   AGUUAGAG   30931   2450   8580   UUCUAGG   UUCUAGU   12555   AUAUGAGA   GCCGANAGGCAGUGAGGUCU   AGUUAGAG   30931   2450   8580   UUCUAGG   UUCUAGU   12555   GAUACCA   GCCGANAGGCAGUGAGGUCU   CACAUAG   30931   2465   8568   UUCUAGG   UUCUAGU   12556   GAUACCA   GCCGANAGGCAGUGAG						<del></del>
2337   8693				-		
2343   8687	$\overline{}$					
2345   8685					<u></u>	
2353   8677				<del></del>		
2365   8665					<u> </u>	
2386   8644				<del></del>		
2394         8636         GCGAACUG G CGGAGCCU         12548         AGGCUCCG GCCGAAAGGCGAGUGAGGUCU CAGUUCGC         30923           2399         8631         CUGGCGGA G CCUGUGGG         12549         CCCACAGG GCCGAAAGGCGAGUGAGGUCU UCCGCCAG         30924           2403         8627         CGGAGCCU G UGGGCUUC         12550         GAAGCCCA GCCGAAAGGCGAGUGAGGUCU AGUULCG         30926           2407         8623         GCCUGUGG G CUUCACAU         12551         AUGUGAGG         GCCGAAAGGCGAGUGAGGUCU CACAGGC         30926           2423         8607         UCAUAACU G CCGUGAUA         12552         UAUCACGG GCGGAAAGGCGAGUGAGGUCU GGCAGUUA         30927           2426         8604         UAACUGCC G UGAUAGUU         12554         ACCUGGAA GCCGAAAGGCGAGUGAGGUCU GGCAGUUA         30929           2439         8591         AGUUCCAG G UUCUAUAU         12554         ACCUGGAA GCCGAAAGGCGAGUGAGGUCU GUGAACU         30930           2450         8580         CUAUAUGG G UGCUCUC         12556         AGAAACCA GCCGAAAGGCGAGUGAGGUCU CACCAUA         30931           2462         8568         UUCUCAUC G UGGUCCA         12557         GAUGAGA GCCGAAAGGCGAGUGAGGUCU CACCAUA         30932           2465         8569         UCCUCAUC G UGGUCCA         12561         CAGGUGGCAC G UCGAACU CACCAGUC         12562         CGACGGG GCCGAA	2365	8665				
2399         8631         CUGGCGGA G CCUGUGGG         12549         CCCACAGG GCCGAAAGGCGAGUGAGUGCU UCCGCAG         30924           2403         8627         CGGAGCCU G UGGGCUUC         12550         AAGCCCA GCGAAAGGCGAGUGAGGUCU AGGCUCCG         30925           2407         8623         GCCUGUGG G CUUCACAU         12551         AUGUGAGG         GCCGAAAGGCGAGUGAGGUCU CACAGGC         30926           2423         8607         UCAUAACU G CCGUGAUA         12552         UAUCACGG GCCGAAAGGCGAGUGAGGUCU AGUUUAUA         30927           2426         8604         UAACUGCC G UGAUAGUU         12553         AACUAUCA GCCGAAAGGCGAGUGAGGUCU GGCAGUUA         30928           2432         8598         CCGUGAUA G UUCUAUAU         12554         ACCUGGAA GCCGAAAGGCGAGUGAGGUCU CUGAACU         30930           2450         8580         CUAUAUGG G UGCUCUC         12556         GAGAACCA GCCGAAAGGCGAGUGAGGUCU CCAUUAUA         30931           2462         8568         UUCUCAUC G UGGUGCCA         12557         GAUGAGAG GCCGAAGGGGAGUGAGGUCU CACCCAUA         30932           2465         8568         UUCUCAUC G UGGUGCCA         12559         AGGUGGCACCA GCCGAAAGGCGAGUGAGUUCU CACCAUAA         30933           2465         8568         UUCUCAUC         12559         AGGUGGAC GCGAAAGGCGAGUGAGUUCU CACCAUA         30934	2386	8644	AUUGACCA G CGAACUGG	12547	CCAGUUCG GCCGAAAGGCGAGUGAGGUCU UGGUCAAU	30922
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2407         8623         GCCUGUGG G         CUUCACAU         12551         AUGUGAAG GCCGAAAGGCGAGUGAGGUCU CCACAGGC         30926           2423         8607         UCAUAACU G         CGGUGAUA         12552         UAUCACGG GCGAAAGGCGAGUGAGGUCU AGUUAUGA         30927           2426         8604         UAACUGCC G         GUAUAGUU         12553         AACUGGAGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGG	2399	8631	CUGGCGGA G CCUGUGGG	12549	CCCACAGG GCCGAAAGGCGAGUGAGGUCU UCCGCCAG	30924
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2426         8604         UAACUGCC G UGANAGUU         12553         AACUAUCA GCCGAAAGGCGAGUGAGGUCU GGCAGUUA         30928           2432         8598         CCGUGAUA G UUCCAGGU         12554         ACCUGGAA GCCGAAAGGCGAGUGAGGUCU UAUCACGG         30929           2439         8591         AGUUCCAG G UUCUAUU         12555         AUAUAGAA GCCGAAAGGCGAGUGAGGUCU CUGGAACU         30930           2450         8580         CUAUAUGG G UGGUUCUC         12556         GAGAACCA GCCGAAAGGCGAGUGAGGUCU CACCCAUA         30931           2453         8577         UAUGGGUG G UUCUCAUC         12557         GAUGAGAA GCCGAAAGGCGAGUGAGGUCU CACCCAUA         30932           2465         8568         UUCUCAUC G UGGUGCCA         12558         UGGCACCA GCCGAAAGGCGAGUGAGGUCU CACCAUAA         30933           2465         8565         UCAUCGUG G CACGUCG         12560         CGACGUGG GCCGAAAGGCGAGUGAGGUCU ACCACGAU         30935           2472         8558         GGUGCAC G UCGAACUG         12561         CAGUUCGA GCCGAAAGGCGAGUGAGGUCU GUGGACC         30936           2480         8550         GUCGAACU G UACUCAC         12562         CGUGAGUG GCCGAAAGGCGAGUGAGGUCU AGUUCGA         30937           2494         8536         ACGCCUGA G UCCUAAU         12564         GUGAACGA GCCGAAAGGCGAGUGAGGUCU CAGGAGGU         30939	2407	8623	GCCUGUGG G CUUCACAU	12551	AUGUGAAG GCCGAAAGGCGAGUGAGGUCU CCACAGGC	30926
2432         8598         CCGUGAUA G UUCCAGGU         12554         ACCUGGAA GCCGAAAGGCGAGUGAGGUCU UAUCACGG         30929           2439         8591         AGUUCCAG G UUCUAUAU         12555         AUAUAGAA GCCGAAAGGCGAGUGAGGUCU CUGGAACU         30930           2450         8580         CUAUAUGG G UGGUUCUC         12556         GAGAACCA GCCGAAAGGCGAGUGAGGUCU CACCCAUA         30931           2453         8577         UAUGGGUG G UUCUCAUC         12557         GAUGAGAA GCCGAAAGGCGAGUGAGGUCU CACCCAUA         30932           2462         8568         UUCUCAUC G UGGUGCCA         12558         UGGCACCA GCCGAAAGGCGAGUGAGGUCU CACGAUGA         30932           2465         8565         UCAUCGUG G UGCACGU         12559         ACGUGGA GCCGAAAGGCGAGUGAGGUCU CACGAUGA         30934           2467         8563         AUCGUGGU G CACGUCG         12560         CGACGUG GCCGAAAGGCGAGUGAGGUCU ACCACGAU         30935           2472         8558         GGUCGAACU G UACUCACG         12561         CAGUUCGA GCCGAAAGGCGAGUGAGGUCU GUGGACC         30936           2480         8550         GUCGAACU G UACUCACG         12562         CGUGAGUA GCCGAAAGGCGAGUGAGGUCU GUGAGUAC         30937           2488         8542         GUACUCAC         GCUGAAGGAGGAGUGAGGUCU UCAGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGA	2423	8607	UCAUAACU G CCGUGAUA	12552	UAUCACGG GCCGAAAGGCGAGUGAGGUCU AGUUAUGA	30927
2439         8591         AGUUCCAG G UUCUAUAU         12555         AUAUAGAA GCCGAAAGGCGAGUGAGGUCU CUGGAACU         30930           2450         8580         CUAUAUGG G UGGUUCUC         12556         GAGAACCA GCCGAAAGGCGAGUGAGGUCU CAUAUAG         30931           2453         8577         UAUGGGUG G UUCUCAUC         12557         GAUGAGAA GCCGAAAGGCGAGUGAGGUCU CACCAUA         30932           2462         8568         UUCUCAUC G UGGUGCCA         12558         UGGCACCA GCCGAAAGGCGAGUGAGGUCU CACGAUGA         30933           2465         8565         UCAUCGUG G UGCCACGU         12559         ACGUGGA GCCGAAAGGCGAGUGAGGUCU CACGAUGA         30934           2467         8563         AUCGUGGU G CCACGUCG         12569         ACGUGGA GCCGAAAGGCGAGUGAGGUCU CACGAUGA         30934           2467         8563         AUGUCCAC G UCGAACUG         12561         CAGUUCGA GCCGAAAGGCGAGUGAGGUCU ACCACGAU         30936           2472         8558         GGUGCAC G UCGAACUG         12562         CGUGAGUA GCCGAAAGGCGAGUGAGGUCU ACCUCAC         30936           2480         8550         GUCGAACU G UACUCAC         12562         CGUGAGUA GCCGAAAGGCGAGUGAGGUCU GUGAGUCU GAGUCAA         2564         UUGAACGA GCCGAAAGGCGAGUGAGGUCU UACAGGCAGUCAGGAGUAGGAGUAGAGGAGAGAGAGAGAAGAAGAAGAAGA	2426	8604	UAACUGCC G UGAUAGUU	12553	AACUAUCA GCCGAAAGGCGAGUGAGGUCU GGCAGUUA	30928
2450         8580         CUAUAUGG G UGGUUCUC         12556         GAGAACCA GCCGAAAGGCGAGUGAGGUCU CCAUAUAG         30931           2453         8577         UAUGGGUG G UUCUCAUC         12557         GAUGAGAA GCCGAAAGGCGAGUGAGGUCU CACCCAUA         30932           2462         8568         UUCUCAUC G UGGUGCA         12558         UGGCACCA GCCGAAAGGCGAGUGAGGUCU CACCAUGA         30933           2465         8565         UCAUCGUG U GCCACGU         12559         ACGUGGCA GCCGAAAGGCGAGUGAGGUCU CACCAUGA         30934           2467         8563         AUCGUGGU G CCACGUCG         12560         CGACGUGA GCCGAAAGGCGAGUGAGGUCU ACCACGAU         30935           2472         8558         GGUGCAC G UCGAACU         12561         CAGUUCGA GCCGAAAGGCGAGUGAGGUCU ACCACGAU         30936           2480         8550         GUCGAACU G UACUCACG         12562         CGUGAGUA GCCGAAAGGCGAGUGAGGUCU AGUUCGAC         30937           2488         8542         GUACUCAC G CUGAGUC         12563         GACUCAGG GCCGAAAGGCGAGUGAGGUCU UCAGGCGU         30939           2497         8533         CCUGAGUC G UUCAAUCC         12565         GAUUGAA GCCGAAAGGCGAGUGAGGUCU GACUCAG         30940           2507         8523         UCAAUCCU G UUCUGAU         12566         AUCAAGAA GCCGAAAGGCGAGUGAGGUCU AGGAUGA         26040           25	2432	8598	CCGUGAUA G UUCCAGGU	12554	ACCUGGAA GCCGAAAGGCGAGUGAGGUCU UAUCACGG	30929
2453         8577         UAUGGGUG G UUCUCAUC         12557         GAUGAGAA GCCGAAAGGCGAGUGAGGUCU CACCCAUA         30932           2462         8568         UUCUCAUC G UGGUGCCA         12558         UGGCACCA GCCGAAAGGCGAGUGAGGUCU GAUGAGAA         30933           2465         8565         UCAUCGUG G UGCCACGU         12559         ACGUGGCA GCCGAAAGGCGAGUGAGGUCU CACGAUGA         30934           2467         8563         AUCGUGGU G CCACGUCG         12560         CGACGUGG GCCGAAAGGCGAGUGAGGUCU ACCACGAU         30935           2472         8558         GGUGCACC G UCGAACUG         12561         CAGUUCGA         GCCGAAAGGCGAGUGAGGUCU AGUUCGAC         30936           2480         8550         GUCGAACU G UACUCACG         12562         CGUGAGUA GCCGAAAGGCGAGUGAGGUCU AGUUCGAC         30937           2480         8550         GUCGAACU G UACUCACG         12563         GACUCAGG GCCGAAAGGCGAGUGAGGUCU UCAGGCU         30938           2494         8536         ACGCCUGA G UCCUUCAA         12564         UUGAACGA GCCGAAAGGCGAGUGAGGUCU UCAGGCU         30939           2497         8533         CCUGAGUC G UUCAAUCC         12565         GGAUUGAA GCCGAAAGGCGAGUGAGGUCU UCAGGCU         30940           2507         8523         UCAAUCCU G UUCUGAG         12566         AUCAAGAA GCCGAAAGGCGAGUGAGGUCU AGGAUCA GCAGAUAA         30942	2439	8591	AGUUCCAG G UUCUAUAU	12555	AUAUAGAA GCCGAAAGGCGAGUGAGGUCU CUGGAACU	30930
2462         8568         UUCUCAUC G UGGUGCCA         12558         UGGCACCA GCCGAAAGGCGAGUGAGGUCU GAUGAGAA         30933           2465         8565         UCAUCGUG G UGCCACGU         12559         ACGUGGCA GCCGAAAGGCGAGUGAGGUCU CACGAUGA         30934           2467         8563         AUCGUGGU G CCACGUCG         12560         CGACGUGG GCCGAAAGGCGAGUGAGGUCU ACCACGAU         30935           2472         8558         GGUGCAC G UCGAACUG         12561         CAGUUCGA GCCGAAAGGCGAGUGAGGUCU AGUUCAC         30936           2480         8550         GUCGAACU G UACUCACG         12562         CGUGAGUA GCCGAAAGGCGAGUGAGGUCU AGUUCAC         30937           2488         8542         GUACUCAC G CCUGAGUC         12563         GACUCAGG GCCGAAAGGCGAGUGAGGUCU GUAGGGU         30939           2497         8533         CCUGAGUC G UUCAAUCC         12564         UUGAACGA GCCGAAAGGCGAGUGAGGUCU GACUCAGG         30940           2507         8523         UCAAUCCU G UUCUGAU         12566         AUCAAGAA GCCGAAAGGCGAGUGAGGUCU GAGUAAA         30941           2523         8507         UUUUACUG G UGUGAGG         12567         CUCAGCA GCCGAAAGGCGAGUGAGGUCU CAGUAAA         30942           2531         8499         GUGUCUGA G UCGAGAGA 12569         CUGCUCAA GCCGAAAGGCGAGUGAGGUCU UCAGACC         30944           2536 <t< td=""><td>2450</td><td>8580</td><td>CUAUAUGG G UGGUUCUC</td><td>12556</td><td>GAGAACCA GCCGAAAGGCGAGUGAGGUCU CCAUAUAG</td><td>30931</td></t<>	2450	8580	CUAUAUGG G UGGUUCUC	12556	GAGAACCA GCCGAAAGGCGAGUGAGGUCU CCAUAUAG	30931
2462         8568         UUCUCAUC G UGGUGCCA         12558         UGGCACCA GCCGAAAGGCGAGUGAGGUCU GAUGAGAA         30933           2465         8565         UCAUCGUG G UGCCACGU         12559         ACGUGGCA GCCGAAAGGCGAGUGAGGUCU CACGAUGA         30934           2467         8563         AUCGUGGU G CCACGUCG         12560         CGACGUGG GCCGAAAGGCGAGUGAGGUCU ACCACGAU         30935           2472         8558         GGUGCAC G UCGAACUG         12561         CAGUUCGA GCCGAAAGGCGAGUGAGGUCU AGUUCAC         30936           2480         8550         GUCGAACU G UACUCACG         12562         CGUGAGUA GCCGAAAGGCGAGUGAGGUCU AGUUCAC         30937           2488         8542         GUACUCAC G CCUGAGUC         12563         GACUCAGG GCCGAAAGGCGAGUGAGGUCU GUAGGGU         30939           2497         8533         CCUGAGUC G UUCAAUCC         12564         UUGAACGA GCCGAAAGGCGAGUGAGGUCU GACUCAGG         30940           2507         8523         UCAAUCCU G UUCUGAU         12566         AUCAAGAA GCCGAAAGGCGAGUGAGGUCU GAGUAAA         30941           2523         8507         UUUUACUG G UGUGAGG         12567         CUCAGCA GCCGAAAGGCGAGUGAGGUCU CAGUAAA         30942           2531         8499         GUGUCUGA G UCGAGAGA 12569         CUGCUCAA GCCGAAAGGCGAGUGAGGUCU UCAGACC         30944           2536 <t< td=""><td>2453</td><td>8577</td><td>UAUGGGUG G UUCUCAUC</td><td>12557</td><td>GAUGAGAA GCCGAAAGGCGAGUGAGGUCU CACCCAUA</td><td>30932</td></t<>	2453	8577	UAUGGGUG G UUCUCAUC	12557	GAUGAGAA GCCGAAAGGCGAGUGAGGUCU CACCCAUA	30932
2465         8565         UCAUCGUG G UGCCACGU         12559         ACGUGGCA GCCGAAAGGCGAGUGAGGUCU CACGAUGA         30934           2467         8563         AUCGUGGU G CCACGUCG         12560         CGACGUGG GCCGAAAGGCGAGUGAGGUCU ACCACGAU         30935           2472         8558         GGUGCCAC G UCGAACUG         12561         CAGUUCGA GCCGAAAGGCGAGUGAGGUCU GUGGCACC         30936           2480         8550         GUCGAACU G UACUCACG         12562         CGUGAGUA GCCGAAAGGCGAGUGAGGUCU AGUUCGAC         30937           2488         8542         GUACUCAC G CCUGAGUC         12563         GACUCAGG GCCGAAAGGCGAGUGAGGUCU UCAGGCGU         30938           2494         8536         ACGCCUGA G UCGUACAC         12564         UUGAACGA GCCGAAAGGCGAGUGAGGUCU UCAGGCGU         30939           2497         8533         CCUGAGUC G UUCUAAUCC         12565         GGAUUGAA GCCGAAAGGCGAGUGAGGUCU AGGAUUGA         30940           2507         8523         UCAAUCCU G UUCUUGAU         12566         AUCAAGACA GCCGAAAGGCGAGUGAGGUCU AGGAUCAAAA         30941           2525         8507         UUUUACUGG G UCUGAGUU         12568         AACUCAGA GCCGAAAGGCGAGUGAGGUCU CAGUAAA         30942           2531         8499         GUGUCUGA G UUGAGCAG         12568         AACUCAGA GCCGAAAGGCGAGUGAGGUCU UCAGACAC         30944	2462	8568	<del></del>	12558	UGGCACCA GCCGAAAGGCGAGUGAGGUCU GAUGAGAA	30933
2467         8563         AUCGUGGU G CCACGUCG         12560         CGACGUGG GCCGAAAGGCGAGUGAGGUCU ACCACGAU         30935           2472         8558         GGUGCCAC G UCGAACUG         12561         CAGUUCGA GCCGAAAGGCGAGUGAGGUCU GUGGCACC         30936           2480         8550         GUCGAACU G UACUCACG         12562         CGUGAGUA GCCGAAAGGCGAGUGAGGUCU AGUUCGAC         30937           2488         8542         GUACUCAC G CCUGAGUC         12563         GACUCAGG GCCGAAAGGCGAGUGAGGUCU GUGAGUAC         30938           2494         8536         ACGCCUGA G UCGUUCAA         12564         UUGAACGA GCCGAAAGGCGAGUGAGGUCU UCAGGCGU         30939           2497         8533         CCUGAGUC G UUCUAAU         12565         GGAUUGAA GCCGAAAGGCGAGUGAGGUCU AGGAUGA         30940           2507         8523         UCAAUCCU G UUCUGAU         12566         AUCAAGAA GCCGAAAGGCGAGUGAGGUCU AGGAUGA         30941           2523         8507         UUUUACUG G UGUGAGGU         12567         CUCAGACA GCCGAAAGGCGAGUGAGGUCU ACAGUAAA         30942           2531         8499         GUGUCUGA G UUGAGCAG         12569         ACCUCAGA GCCGAAAGGCGAGUGAGGUCU UCAGACAC         30944           2531         8499         GUGUCUGA G CAGGGGUU         12570         AACCCCUG GCCGAAAGGCGAGUGAGGUCU UCAACUCA         30945           <						
2472         8558         GGUGCCAC         UCGAACUG         12561         CAGUUCGA         GCCGAAAGGCGAGUGAGGUCU         GUGGCACC         30936           2480         8550         GUCGAACU         GUACUCACG         12562         CGUGAGUA         GCCGAAAGGCGAGUGAGGUCU         AGUUCGAC         30937           2488         8542         GUACUCAC         G CCUGAGUC         12563         GACUCAGG         GCCGAAAGGCGAGUGAGGUCU         GUGAGUAC         30938           2494         8536         ACGCCUGA         GUCGUCAA         12564         UUGAACGA         GCCGAAAGGCGAGUGAGGUCU         UCAGGCGU         30939           2497         8533         CCUGAGUC         GUUCAAUCC         12565         GGAUUGAA         GCCGAAAGGCGAGUGAGGUCU         GACUCAGG         30940           2507         8523         UCAAUCCU         GUUCUGAU         12566         AUCAAGAA         GCCGAAAGGCGAGUGAGGUCU         AGGAUUGA         30941           2523         8507         UUUUACUG         GUGUCUGAG         12567         CUCAGACA         GCCGAAAGGCGAGUGAGGUCU         ACCAGUAA         30942           2525         8505         UUACUGAG         12568         AACUCAGA         GCCGAAAGGCGAGUGAGGUCU         ACCAGGAG         12568         AACUCAGA         GCCGAAAGGCGAGUGAGGUCU			L			30935
2480         8550         GUCGAACU G UACUCACG         12562         CGUGAGUA GCCGAAAGGCGAGUGAGGUCU AGUUCGAC         30937           2488         8542         GUACUCAC G CCUGAGUC         12563         GACUCAGG GCCGAAAGGCGAGUGAGGUCU GUGAGUAC         30938           2494         8536         ACGCCUGA G UCGUUCAA         12564         UUGAACGA GCCGAAAGGCGAGUGAGGUCU UCAGGCG         30939           2497         8533         CCUGAGUC G UUCAAUCC         12565         GGAUUGAA GCCGAAAGGCGAGUGAGGUCU GACUCAGG         30940           2507         8523         UCAAUCCU G UUCUUGAU         12566         AUCAAGAA GCCGAAAGGCGAGUGAGGUCU AGGAUUGA         30941           2523         8507         UUUUACUG G UGUCUGAG         12567         CUCAGACA GCCGAAAGGCGAGUGAGGUCU CAGUAAA         30942           2525         8505         UUACUGGU G UCUGAGUU         12568         AACUCAGA GCCGAAAGGCGAGUGAGGUCU ACCAGUAA         30943           2531         8499         GUGUCUGA G UUGAGCAG         12569         CUGCUCAA GCCGAAAGGCGAGUGAGGUCU UCAGCAC         30944           2536         8494         UGAGUGA G CAGGGGUU         12570         AACCCCUG GCCGAAAGGCGAGUGAGGUCU UCAACUCA         30945           2542         8488         GAGCAGGG G UUUUCCCA         12571         UGGGAAAA GCCGAAAGGCGAGUGAGGUCU UCACUCC         30946 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td></t<>						
2488         8542         GUACUCAC G CCUGAGUC         12563         GACUCAGG GCCGAAAGGCGAGUGAGGUCU GUGAGUAC         30938           2494         8536         ACGCCUGA G UCGUUCAA         12564         UUGAACGA GCCGAAAGGCGAGUGAGGUCU UCAGGCGU         30939           2497         8533         CCUGAGUC G UUCAAUCC         12565         GGAUUGAA GCCGAAAGGCGAGUGAGGUCU GACUCAGG         30940           2507         8523         UCAAUCCU G UUCUUGAU         12566         AUCAAGAA GCCGAAAGGCGAGUGAGGUCU AGGAUUGA         30941           2523         8507         UUUUACUG G UGUCUGAG         12567         CUCAGACA GCCGAAAGGCGAGUGAGGUCU CAGUAAA         30942           2525         8505         UUACUGGU G UCUGAGUU         12568         AACUCAGA GCCGAAAGGCGAGUGAGGUCU ACCAGUAA         30943           2531         8499         GUGUCUGA G UUGAGCAG         12569         CUGCUCAA GCCGAAAGGCGAGUGAGGUCU UCAGACAC         30944           2536         8494         UGAGUUGA G CAGGGGUU         12570         AACCCCUG GCCGAAAGGCGAGUGAGGUCU UCAACUCA         30945           2542         8488         GAGCAGGG G UUUUCCCA         12571         UGGGAAAA GCCGAAAGGCGAGUGAGGUCU CCCUGCUC         30946           2553         8477         UUCCCACC G CCCUGGUU         12572         AACCAGGG GCCGAAAGGCGAGUGAGGUCU CAGGGCG         30947						
2494         8536         ACGCCUGA G UCGUUCAA         12564         UUGAACGA GCCGAAAGGCGAGUGAGGUCU UCAGGCGU         30939           2497         8533         CCUGAGUC G UUCAAUCC         12565         GGAUUGAA GCCGAAAGGCGAGUGAGGUCU GACUCAGG         30940           2507         8523         UCAAUCCU G UUCUUGAU         12566         AUCAAGAA GCCGAAAGGCGAGUGAGGUCU AGGAUUGA         30941           2523         8507         UUUUACUG G UGUCUGAG         12567         CUCAGACA GCCGAAAGGCGAGUGAGGUCU CAGUAAA         30942           2525         8505         UUACUGGU G UCUGAGUU         12568         AACUCAGA GCCGAAAGGCGAGUGAGGUCU ACCAGUAA         30943           2531         8499         GUGUCUGA G UUGAGCAG         12569         CUGCUCAA GCCGAAAGGCGAGUGAGGUCU UCAGCAC         30944           2536         8494         UGAGUUGA G CAGGGGUU         12570         AACCCCUG GCCGAAAGGCGAGUGAGGUCU UCAACUCA         30945           2542         8488         GAGCAGGG G UUUUCCCA         12571         UGGGAAAA GCCGAAGGCGAGUGAGGUCU CCCUGCUC         30946           2553         8477         UUCCCACC G CCCUGGUU         12572         AACCAGGG GCCGAAAGGCGAGUGAGGUCU CGGGGGAAGGAAGCAGAGCAG						
2497         8533         CCUGAGUC G UUCAAUCC         12565         GGAUUGAA GCCGAAAGGCGAGUGAGGUCU GACUCAGG         30940           2507         8523         UCAAUCCU G UUCUUGAU         12566         AUCAAGAA GCCGAAAGGCGAGUGAGGUCU AGGAUUGA         30941           2523         8507         UUUUACUG G UGUCUGAG         12567         CUCAGACA GCCGAAAGGCGAGUGAGGUCU CAGUAAA         30942           2525         8505         UUACUGGU G UCUGAGUU         12568         AACUCAGA GCCGAAAGGCGAGUGAGGUCU ACCAGUAA         30943           2531         8499         GUGUCUGA G UUGAGCAG         12569         CUGCUCAA GCCGAAAGGCGAGUGAGGUCU UCAGACAC         30944           2536         8494         UGAGUUGA G CAGGGGUU         12570         AACCCCUG GCCGAAAGGCGAGUGAGGUCU UCAACUCA         30945           2542         8488         GAGCAGGG G UUUUCCCA         12571         UGGGAAAA GCCGAAGGCGAGUGAGGUCU CCCUGCUC         30946           2553         8477         UUCCCACC G CCCUGGUU         12572         AACCAGGG GCCGAAAGGCGAGUGAGGUCU CCCUGCUC         30947           2559         8471         CCGCCCUG G UUCCACUU         12573         AAGUGGAA GCCGAAAGGCGAGUGAGGUCU CAGGGCG         30948           2573         8457         CUUCCCAA G UUACAUC         12574         GAUGUAAA GCCGAAAGGCGAGUGAGGUCU UGGGAAG         30949 <t< td=""><td></td><td></td><td></td><td></td><td><u></u></td><td></td></t<>					<u></u>	
2507         8523         UCAAUCCU G UUCUUGAU         12566         AUCAAGAA GCCGAAAGGCGAGUGAGGUCU AGGAUUGA         30941           2523         8507         UUUUACUG G UGUCUGAG         12567         CUCAGACA GCCGAAAGGCGAGUGAGGUCU CAGUAAA         30942           2525         8505         UUACUGGU G UCUGAGUU         12568         AACUCAGA GCCGAAAGGCGAGUGAGGUCU ACCAGUAA         30943           2531         8499         GUGUCUGA G UUGAGCAG         12569         CUGCUCAA GCCGAAAGGCGAGUGAGGUCU UCAGACAC         30944           2536         8494         UGAGUUGA G CAGGGGUU         12570         AACCCCUG GCCGAAAGGCGAGUGAGGUCU UCAACUCA         30945           2542         8488         GAGCAGGG G UUUUCCCA         12571         UGGGAAAA GCCGAAAGGCGAGUGAGGUCU CCCUGCUC         30946           2553         8477         UUCCCACC G CCCUGGUU         12572         AACCAGGG GCCGAAAGGCGAGUGAGGUCU GGUGGGAA         30947           2559         8471         CCGCCCUG G UUCCACUU         12573         AAGUGGAA GCCGAAAGGCGAGUGAGGUCU CAGGGCG         30948           2573         8457         CUUCCCAA G UUUACAUC         12574         GAUGUAAA GCCGAAAGGCGAGUGAGGUCU UUGGGAAG         30949           2588         8442         UCUUCCUC G UAUUGGGG         12575         CCCCAAUA GCCGAAAGGCGAGUGAGGUCU CCCAAUAC         30950				+		
2523         8507         UUUUACUG G UGUCUGAG         12567         CUCAGACA GCCGAAAGGCGAGUGAGGUCU CAGUAAAA         30942           2525         8505         UUACUGGU G UCUGAGUU         12568         AACUCAGA GCCGAAAGGCGAGUGAGGUCU ACCAGUAA         30943           2531         8499         GUGUCUGA G UUGAGCAG         12569         CUGCUCAA GCCGAAAGGCGAGUGAGGUCU UCAGACAC         30944           2536         8494         UGAGUUGA G CAGGGGUU         12570         AACCCCUG GCCGAAAGGCGAGUGAGGUCU UCAACUCA         30945           2542         8488         GAGCAGGG G UUUUCCCA         12571         UGGGAAAA GCCGAGAGGGAGUGAGGUCU CCCUGCUC         30946           2553         8477         UUCCCACC G CCCUGGUU         12572         AACCAGGG GCCGAAAGGCGAGUGAGGUCU GGUGGGAA         30947           2559         8471         CCGCCCUG G UUCCACUU         12573         AAGUGGAA GCCGAAAGGCGAGUGAGGUCU CAGGGCG         30948           2573         8457         CUUCCCAA G UUUACAUC         12574         GAUGUAAA GCCGAAAGGCGAGUGAGGUCU UUGGGAAG         30949           2588         8442         UCUUCCUC G UAUUGGGG         12575         CCCCAAUA GCCGAAAGGCGAGUGAGGUCU GAGGAAGA         30950           2596         8434         GUAUUGGG G UCCCUUCC         12576         GGAAGGGA GCCGAAAGGCGAGUGAGGUCU CCCAAUAC         30951	<del></del>		<del></del>	<del></del>	<del></del>	·
2525 8505 UUACUGGU G UCUGAGUU 12568 AACUCAGA GCCGAAAGGCGAGUGAGGUCU ACCAGUAA 30943 2531 8499 GUGUCUGA G UUGAGCAG 12569 CUGCUCAA GCCGAAAGGCGAGUGAGGUCU UCAGACAC 30944 2536 8494 UGAGUUGA G CAGGGGUU 12570 AACCCCUG GCCGAAAGGCGAGUGAGGUCU UCAACUCA 30945 2542 8488 GAGCAGGG G UUUUCCCA 12571 UGGGAAAA GCCGAAAGGCGAGUGAGGUCU CCCUGCUC 30946 2553 8477 UUCCCACC G CCCUGGUU 12572 AACCAGGG GCCGAAAGGCGAGUGAGGUCU CGUGGGAA 30947 2559 8471 CCGCCCUG G UUCCACUU 12573 AAGUGGAA GCCGAAAGGCGAGUGAGGUCU CAGGGCGG 30948 2573 8457 CUUCCCAA G UUUACAUC 12574 GAUGUAAA GCCGAAAGGCGAGUGAGGUCU UUGGGAAG 30949 2588 8442 UCUUCCUC G UAUUGGGG 12575 CCCCAAUA GCCGAAAGGCGAGUGAGGUCU GAGGAAGA 30950 2596 8434 GUAUUGGG G UCCCUUCC 12576 GGAAGGGA GCCGAAAGGCGAGUGAGGUCU CCCAAUAC 30951			<del></del>		<del></del>	
2531         8499         GUGUCUGA G UUGAGCAG         12569         CUGCUCAA GCCGAAAGGCGAGUGAGGUCU UCAGACAC         30944           2536         8494         UGAGUUGA G CAGGGGUU         12570         AACCCCUG GCCGAAAGGCGAGUGAGGUCU UCAACUCA         30945           2542         8488         GAGCAGGG G UUUUCCCA         12571         UGGGAAAA GCCGAAAGGCGAGUGAGGUCU CCCUGCUC         30946           2553         8477         UUCCCACC G CCCUGGUU         12572         AACCAGGG GCCGAAAGGCGAGUGAGGUCU GGUGGGAA         30947           2559         8471         CCGCCCUG G UUCCACUU         12573         AAGUGGAA GCCGAAAGGCGAGUGAGGUCU CAGGGCG         30948           2573         8457         CUUCCCAA G UUUACAUC         12574         GAUGUAAA GCCGAAAGGCGAGUGAGGUCU UUGGGAAG         30949           2588         8442         UCUUCCUC G UAUUGGGG         12575         CCCCAAUA GCCGAAAGGCGAGUGAGGUCU CAGAGAA         30950           2596         8434         GUAUUGGG G UCCCUUCC         12576         GGAAGGGA GCCGAAAGGCGAGUGAGGUCU CCCAAUAC         30951				+	\ <u></u>	
2536 8494 UGAGUUGA G CAGGGGUU 12570 AACCCCUG GCCGAAAGGCGAGUGAGGUCU UCAACUCA 30945 2542 8488 GAGCAGGG G UUUUCCCA 12571 UGGGAAAA GCCGAAAGGCGAGUGAGGUCU CCCUGCUC 30946 2553 8477 UUCCCACC G CCCUGGUU 12572 AACCAGGG GCCGAAAGGCGAGUGAGGUCU GGUGGGAA 30947 2559 8471 CCGCCCUG G UUCCACUU 12573 AAGUGGAA GCCGAAAGGCGAGUGAGGUCU CAGGGCGG 30948 2573 8457 CUUCCCAA G UUUACAUC 12574 GAUGUAAA GCCGAAAGGCGAGUGAGGUCU UUGGGAAG 30949 2588 8442 UCUUCCUC G UAUUGGGG 12575 CCCCAAUA GCCGAAAGGCGAGUGAGGUCU GAGGAAGA 30950 2596 8434 GUAUUGGG G UCCCUUCC 12576 GGAAGGGA GCCGAAAGGCGAGUGAGGUCU CCCAAUAC 30951			†			
2542 8488 GAGCAGGG G UUUUCCCA 12571 UGGGAAAA GCCGAAAGGCGAGUGAGGUCU CCCUGCUC 30946 2553 8477 UUCCCACC G CCCUGGUU 12572 AACCAGGG GCCGAAAGGCGAGUGAGGUCU GGUGGGAA 30947 2559 8471 CCGCCCUG G UUCCACUU 12573 AAGUGGAA GCCGAAAGGCGAGUGAGGUCU CAGGGCGG 30948 2573 8457 CUUCCCAA G UUUACAUC 12574 GAUGUAAA GCCGAAAGGCGAGUGAGGUCU UUGGGAAG 30949 2588 8442 UCUUCCUC G UAUUGGGG 12575 CCCCAAUA GCCGAAAGGCGAGUGAGGUCU GAGGAAGA 30950 2596 8434 GUAUUGGG G UCCCUUCC 12576 GGAAGGGA GCCGAAAGGCGAGUGAGGUCU CCCAAUAC 30951						
2553 8477 UUCCCACC G CCCUGGUU 12572 AACCAGGG GCCGAAAGGCGAGUGAGGUCU GGUGGGAA 30947 2559 8471 CCGCCCUG G UUCCACUU 12573 AAGUGGAA GCCGAAAGGCGAGUGAGGUCU CAGGGCGG 30948 2573 8457 CUUCCCAA G UUUACAUC 12574 GAUGUAAA GCCGAAAGGCGAGUGAGGUCU UUGGGAAG 30949 2588 8442 UCUUCCUC G UAUUGGGG 12575 CCCCAAUA GCCGAAAGGCGAGUGAGGUCU GAGGAAGA 30950 2596 8434 GUAUUGGG G UCCCUUCC 12576 GGAAGGGA GCCGAAAGGCGAGUGAGGUCU CCCAAUAC 30951	<del></del>					
2559 8471 CCGCCCUG G UUCCACUU 12573 AAGUGGAA GCCGAAAGGCGAGUGAGGUCU CAGGGCGG 30948 2573 8457 CUUCCCAA G UUUACAUC 12574 GAUGUAAA GCCGAAAGGCGAGUGAGGUCU UUGGGAAG 30949 2588 8442 UCUUCCUC G UAUUGGGG 12575 CCCCAAUA GCCGAAAGGCGAGUGAGGUCU UUGGGAAGA 30950 2596 8434 GUAUUGGG G UCCCUUCC 12576 GGAAGGGA GCCGAAAGGCGAGUGAGGUCU CCCAAUAC 30951				<del></del>	<u> </u>	
2573 8457 CUUCCCAA G UUUACAUC 12574 GAUGUAAA GCCGAAAGGCGAGUGAGGUCU UUGGGAAG 30949 2588 8442 UCUUCCUC G UAUUGGGG 12575 CCCCAAUA GCCGAAAGGCGAGUGAGGUCU GAGGAAGA 30950 2596 8434 GUAUUGGG G UCCCUUCC 12576 GGAAGGGA GCCGAAAGGCGAGUGAGGUCU CCCAAUAC 30951		<del></del>	<del></del>			
2588 8442 UCUUCCUC G UAUUGGGG 12575 CCCCAAUA GCCGAAAGGCGAGUGAGGUCU GAGGAAGA 30950 2596 8434 GUAUUGGG G UCCCUUCC 12576 GGAAGGGA GCCGAAAGGCGAGUGAGGUCU CCCAAUAC 30951			<del></del>	+	<del></del>	
2596 8434 GUAUUGGG G UCCCUUCC 12576 GGAAGGGA GCCGAAAGGCGAGUGAGGUCU CCCAAUAC 30951			<del></del>			
				<del></del>	<u> </u>	
2507   8423   CCUUCCAG G UCCUUUUU   12577   AAAAAGGA GCCGAAAGGCGAGUGAGGUCU CUGGAAGG   30952				<del> </del>		
	2607	8423	CCUUCCAG G UCCUUUUU	12577	AAAAAGGA GCCGAAAGGCGAGUGAGGUCU CUGGAAGG	30952

Table X

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2612 3398   AGOLGO G CUGGICUA   12579   AUGRICUA G COLLABOR CONSIGNO CONSIGNO   30954   30954   30954   30954   30954   30954   30954   30954   30954   30954   30954   30954   30954   30954   30954   30954   30954   30954   30954   30954   30954   30954   30954   30954   30954   30954   30954   30954   30954   30954   30954   30954   30954   30954   30954   30954   30954   30954   30954   30954   30954   30954   30954   30954   30954   30954   30954   30954   30954   30954   30954   30954   30954   30954   30954   30954   30954   30954   30954   30954   30954   30954   30954   30954   30954   30954   30954   30954   30954   30954   30954   30954   30954   30954   30954   30954   30954   30954   30954   30954   30955   30955   30955   30955   30955   30955   30955   30955   30955   30955   30955   30955   30955   30955   30955   30955   30955   30955   30955   30955   30955   30955   30955   30955   30955   30955   30955   30955   30955   30955   30955   30955   30955   30955   30955   30955   30955   30955   30955   30955   30955   30955   30955   30955   30955   30955   30955   30955   30955   30955   30955   30955   30955   30955   30955   30955   30955   30955   30955   30955   30955   30955   30955   30955   30955   30955   30955   30955   30955   30955   30955   30955   30955   30955   30955   30955   30955   30955   30955   30955   30955   30955   30955   30955   30955   30955   30955   30955   30955   30955   30955   30955   30955   30955   30955   30955   30955   30955   30955   30955   30955   30955   30955   30955   30955   30955   30955   30955   30955   30955   30955   30955   30955   30955   30955   30955   30955   30955   30955   30955   30955   30955   30955   30955   30955   30955   30955   30955   30955   30955   30955   30955   30955   30955   30955   30955   30955   30955   30955   30955   30955   30955   30955   30955   30955   30955   30955   30955   30955   30955   30955   30955   30955   30955   30955   30955   30955   30955   30955   30955   30955   30955   30955   30955   30955   30955				20000	GCCAGGUG GCCGAAAGGCGAGUGAGGUCU UCCUAGGA	30053
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1955   1971	2639	8391	AGCACCUG G CUGGUCAU			
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1676	2669	8361	ACCACAUU G CCUGAAGC	12582	GCUUCAGG GCCGAAAGGCGAGUGAGGUCU AAUGUGGU	30957
1659   6331			UGCCUGAA G CUCGACUC	12583	GAGUCGAG GCCGAAAGGCGAGUGAGGUCU UUCAGGCA	30958
2701   8329					IICCACGCA GCCGAAAGGCGAGUGAGGUCU GAGAUGUA	30959
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2712   2311   COGURAGA G UNICUTURE   2588   GARACCA GCCGARAGGGGAUGAGGUCU UCUCACGG   30963   2722   23367   GARAGUGG G UNICUTURE   2589   GUCAGARAG GCCGARAGGGGAUGAGGUCU UCUCACGG   30965   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   2726   27						
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	2719	8311	CCGUGAGA G UGGGUUUC	12588	GAAACCCA GCCGAAAGGCGAGUGAGGUCU UCUCACGG	30963
2750   8228   CCRURCCG G CGUUGGAG   12591   CUCCARCG GCCGARAGGCAGUGAGUCU CGGULUGG   30956   2752   8272   S272   GGGUUGGA   GCCCCCCCCCC   12531   UGCARCGU GCCGARAGGCAGUGAGUCU UCCARCGC   30958   2756   8269   UUGGAGCA G CUCCAUCU   12594   UGCARCGU GCCGARAGGCAGUGAGUCU UCCARCGC   30958   2768   8245   GACCUUCG G CAUGUAGG   12595   CUCCAUG GCCGARAGGCAGUGAGGUCU UCCARCGC   30958   2768   8245   GACCUUCG G CAUGUAGG   12595   CUCCAUG GCCGARAGGCAGUGAGGUCU UCCARCGC   30959   2769   8241   UUCGGCAU G UAGGGCA   12595   CUCCAUG GCCGARAGGCAGUGAGGUCU CCCARCA   30972   2769   8221   UUCGGCAU G UAGGGCA   12596   UGCCCCUA GCCGARAGGCAGUGAGGUCU CCCUACA   30972   2760   8220   ACCUUCAC G CARAAGUC   12597   UGCUCCAG GCCGARAGGCAGUGAGAGUCU CCCUACAU   30972   2860   8220   ACCUUCAC G CARAAGUC   12598   UAAGGUG GCCGARAGGCAGUGAGAGUCU CCCUACAU   30972   2861   8220   ACCUUCAC G CARAAGUC   12599   UAAGGUG GCCGARAGGCAGUGAGAGUCU CCCUACAU   30973   2861   8220   ACCUUCAC G CARAAGUC   12599   UAAGGUG GCCGARAGGCAGUGAGAGUCU CCCUACAU   30974   28624   8206   UUCCCUUG G UCCACAG   12601   12601   12601   12601   12601   12601   12601   12601   12601   12601   12601   12601   12601   12601   12601   12601   12601   12601   12601   12601   12601   12601   12601   12601   12601   12601   12601   12601   12601   12601   12601   12601   12601   12601   12601   12601   12601   12601   12601   12601   12601   12601   12601   12601   12601   12601   12601   12601   12601   12601   12601   12601   12601   12601   12601   12601   12601   12601   12601   12601   12601   12601   12601   12601   12601   12601   12601   12601   12601   12601   12601   12601   12601   12601   12601   12601   12601   12601   12601   12601   12601   12601   12601   12601   12601   12601   12601   12601   12601   12601   12601   12601   12601   12601   12601   12601   12601   12601   12601   12601   12601   12601   12601   12601   12601   12601   12601   12601   12601   12601   12601   12601   12601   12601   12601   12601   12601   12601   12601   12601   12601   12601   12601	2723	8307	GAGAGUGG G UUUCUGAC	12589	GUCAGAAA GCCGAAAGGCGAGUGAGGUCU CCACUCUC	30964
2752   8277	2734	8296	UCUGACCA G UCCCCCCC	12590	GGGGGGA GCCGAAAGGCGAGUGAGGUCU UGGUCAGA	30965
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2756   2272   GGGUUGGA G CAGCUCCA   12593   UGAACGUG GCCGAAAGGCCAUGAAGGUCU UCCAACG   30968   2765   8245   UGAGAGGA G CUCCAUCUU   12594   AGAUGGAG GCCGAAAGGCCAGUGAAGGUCU UGCUCCAA   30979   2769   8241   UUCGGCGU G CURGGGGCA   12595   CUUCCUUG GCCGAAAGGCCAGUGAAGGUCU UGCUCCAA   30979   2799   8241   UUCGGCGU G CURGGGGCA   12595   CUUCCUUG GCCGAAAGGCCAGUGAAGGUCU UGCUCCAA   30971   2795   8235   AGGUGAGG G CAGAGCAC   12597   GUGCUCUG GCCGAAAGGCCAGUGAAGGUCU CUCCCGAA   30971   2800   8220   ACCUUCAC G CAAAAAGUC A1599   UGAAGGUG GCCGAAAGGCAGUGAAGGUCU CUCCACCC   30973   2810   8220   ACCUUCAC G CAAAAAGUC   12597   GUACUCUG GCCGAAAGGCAGUGAAGGUCU CUCGACCC   30973   2810   8220   ACCUUCAC G CAAAAAGUC   12597   GAAUGUUG GCCGAAAGGCAGUGAAGGUCU CUGACCCC   30973   2810   8220   ACCUUCAC G CAAAAAGUC   12600   ACCGAGGG GCCGAAAGGCAGUGAAGGUCU CUGACGCC   30973   2811   8199   GGCCCUCG G UGCAGACGCA   12601   ACCGAGGG GCCGAAAGGCAGUGAAGGUCU CAAGGGAA   30976   2831   8199   GGCCCUCG G UGCAGACGCA   12601   ACCGAGGG GCCGAAAGGCAGUGAAGGUCU CAAGGGAA   30976   2833   8194   CCCGGGGG G CCGACAGGCC   12604   ACCGACGGG GCCGAAAGGCAGUGAAGGUCU CAAGGGAA   30976   2866   8190   UGCAGCCA   6 UCCUAGCC   12604   GUUGAGGG GCCGAAAGGCAGUGAAGGUCU CAAGGGAA   30978   2866   8195   UGCAGCCA   6 UCCUAGCC   12604   GUUGAGGA GCCGAAAGGCAGUGAAGGUCU CACCAGA   30978   28675   8155   CGUCCAGA G CCCACAAGG CACGAA   30978   28675   8155   CGUCCAGA G CACCACAA   12604   GUUGAGGA GCCGAAAGGCAGUGAAGGUCU CACCACGA   30978   2868   8141   CAACCUCA   6 CCCUUCAC   12604   GUUGAGGA GCCGAAAGGCAGUGAAGGUCU CACCACGA   30981   28918   8141   CAACCUCA   6 CCCUAAAG CACCACA   12604   GUUGAGGA GCCGAAAGGCAGUGAAGGUCU CACCACA   30981   28918   8141   CAACCUCA   6 CCCAAAGG CACGAAGGCAGUGAAGGUCU CAACACA   12604   GUUGAGGA GCCGAAAGGCAGUGAAGGUCU CAACACA   30981   28918   30918   30918   30918   30918   30918   30918   30918   30918   30918   30918   30918   30918   30918   30918   30918   30918   30918   30918   30918   30918   30918   30918   30918   30918   30918   30918   30918   30918   30918				12592	UGCUCCAA GCCGAAAGGCGAGUGAGGUCU GCCGGUAU	30967
2761   8265					l	
2785   8245   GACUUUCG G CANGUAGG   12595   CUUACAU GCCGAAAGGCGAGUGAGGUC CGAAAGUC   30971   2795   8235   ANGUAGGG C CAGGCAC   12597   GUGCUCUG GCCGAAAGGCGAGUGAGGUC UCCCUACAU   30972   2800   8230   GGGGCAG G CAGGCAC   12597   GUGCUCUG GCCGAAAGGCGAGUGAGGUCU CCCUACAU   30972   2810   8220   ACCUUCAC G CAAAAGUC   12599   GAAUUUG GCCGAAAGGCGAGUGAGGUCU CCCUACAU   30972   2824   8206   UUCCCUCG G CAAAAGUC   12599   GAAUUUG GCCGAAAGGCGAGUGAGGUCU CUCGACCC   30973   30974   2824   8206   UUCCCUCG G CAAAAGUC   12599   GAAUUUG GCCGAAAGGCGAGUGAGGUCU GUGAAGGU   30974   2824   8206   UUCCCUCG G CAAAAGUC   12599   GAAUUUG GCCGAAAGGCGAGUGAGGUCU GUGAAGGU   30974   2824   8206   UUCCCCUG G CCCCAAAGGCCA   12601   UGCCCCCC   ACCGGAAAGGCGAGUGAGGUCU GAAGGCA   30975   2833   8199   GGCCCUCG G GCCCACACCGGA   12601   UGCCCCCC   ACCGGAAAGGCGAGUGAGGUCU GAGGGCC   CAGGACCAG   12601   UGCCCCCC   ACCGGAAAGGCGAGUGAGGUCU CAACGCAGA   30976   2840   8199   UGCGGCCA   CCCCCAAGGCC   CCCCCAAGGCC   CCCCCAAGC   CCCCAAAGGCCAGUGAGGUCU CACCCCGA   30977   2836   8194   UCGGGGCA   CCCCAAAGGCAG   CCCCAAAGGCAGUGAGGUCU CACCCCGA   30978   2866   8162   CCCCGAAUC   UCCCACC   12604   GUUGAGGA   CCCCAAAGGCAGUGAGGUCU CACCCCGA   30978   2866   8162   CCCCGAAUC   UCCCACC   12604   GUUGAGGA   CCCGAAAGGCAGUGAGGUCU GAGGUCU   30998   2875   8155   CGUCCAUG   CUCCAAC   12605   GCAAAGGCAGGAGGAGGAGGAGUGAGGUCU GAGGUCG   30998   12912   8118   UCCCCCU   GCCCAAAG   CCCGAAAGGCAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG					<u></u>	
2799   2241					<u></u>	
2795   2235   AUGUNAGG G CARGECAC   12597   GUGCUCUU G CCCGAAAGGCGAGUGAGGUCU CCCUACAU   30972   2800   2230   ACCUUCAC G CARAAUUC   12599   GUAAGGUG GCCGAAAGGCGAGUGAGGUCU CUCUGCCCC   30973   2811   8220   ACCUUCAC G CARAAUUC   12599   GAAUUUUG GCCGAAAGGCGAGUGAGGUCU CUCAGGCCC   30974   2824   8206   UUCCCUUG G CCCUCGGU   12600   ACCGAGGG GCCGAAAGGCGAGUGAGGUCU CAAGGGAA   30974   2831   8199   GGCCGCCG G UUCAGCCC   12601   UUGACGCCG GCCGAAAGGCGAGUGAGGUCU CAAGGGAA   30975   2831   8199   GCCCUCGGU G CAAGCCA   12601   UUGACGCCA G CCCGAAAGGCGAGUGAGGUCU CAAGGGAA   30976   2836   8194   UCGGUCCA G CCCAAAGGCCA   12601   UUGACGCCA G CCCAAAGGCGAGUGAGGUCU CAAGGGAA   30976   2840   8199   UGCGGCCA G CCCCAACGC   12604   GUUGAGGA G CCCAAAGGCGAGUGAGGUCU CACCCCA   30976   2866   8162   CCCGAAUC G UCCULAAC   12604   GUUGAGGA GCCGAAAGGCGAGUGAGGUCU GAGCGCA   30979   2866   8155   GGUCCUU G CUCUUCAA   12606   UUGAGGAG GCCGAAAGGCGAGUGAGGUCU GAUUCGGG   30981   2889   8141   CAACCUCA G CACUUGAC   12607   GUCAAGGA G CCCGAAAGGCGAGUGAGGUCU GAUUCGGG   30981   28912   2112   CUCUCCAU G CUCUCAA   12607   GUCAAGGA G CCCGAAAGGCGAGUGAGGUCU GAGGUCU GAGGUCU GAGGUCU GAGGCGAAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG						
2800   2320   GGGGCAGA G CACCUUCA   12598   UGAAGGUG GCCGAAAGGCGAGUGAGGUCU UCUGCCC   30973   2810   8220   ACCUUCAG G CAAAAUUC   12599   GAAUUUUG GCCGAAAGGCGAGUGAGGUCU UCAGGGCC   30974   2821   81296   UUCCUUGGU C CACCUGGU   12610   ACCGAGGG GCCGAAAGGCGAGUGAGGUCU CAAGGGAA   30975   2831   8199   GGCCCUCG G UGCAGCCA   12601   UGGCUGCA   GCCGAAAAGGCGAGUGAGGUCU CAAGGGAC   30976   2833   8197   CCCUCGGU C CACCCAGU   12602   ACGGCGCA   6000   ACCGAGGGC   ACCGAAAAGGCGAGUGAGGUCU CACGAGGCC   30976   2840   8190   UGCAGCCA   CCCUUCAAC   12604   GUUGAGGA GCCGAAAAGGCGAGUGAGGUCU UGCACCCA   30978   2868   8192   UGCAGCCA   GCCUUCAAC   12604   GUUGAGGA GCCGAAAAGGCGAGUGAGGUCU UGCACCCA   30978   2868   8192   UGCAGCCA   GCCUUCAAC   12605   GCADAGGA GCCGAAAAGGCGAGUGAGGUCU UGCACCCA   30978   2869   8115   CACCUCAA   CCCUUCAA   12605   GCADAGGA GCCGAAAAGGCGAGUGAGGUCU AUAGGACG   30981   2875   8115   CGUCCUAU   GCCUUCAA   12605   GCADAGGA GCCGAAAAGGCGAGUGAGGUCU AUAGGACG   30981   2875   8116   CACCUCA   GCACUUGAC   12607   GUCACAAAG   6000   ACCGAAAAGGCCAGUGAGGUCU AUAGGACG   30981   2871   8118   UCUCCGAU   GUCACAAA   12609   UUGUGAA   GCCGAAAAGGCCAGUGAGGUCU AUAGGACG   30982   2872   8110   AGAGGGGU   GUCACAAA   12609   UUGUGAA   GCCGAAAAGGCCAGUGAGGUCU AUAGGACG   30984   2872   8110   AGAGGGGU   GUCACAAA   12609   UUGUGAA   GCCGAAAAGGCCAGUGAGGUCU AUAGGACG   30984   2872   8103   AGGGGGGU   GUCACAAC   12610   UGUUGUGA   GCCGAAAAGGCCAGUGAGGUCU AUAGGACC   30985   2874   8086   CUCAGAAA   GUCACACA   12611   UCUACAGA   GCCGAAAAGGCCAGUGAGGUCU AUAGGACC   30986   2874   8086   CUCACAAA   GUCACACAC   12612   UGUUCUGA   GCCGAAAAGGCCAGUGAGGUCU AGACCCUU   30986   2874   8086   CUCUCAUG   GUCACACA   12611   UCUACAGA   GCCGAAAAGGCCAGUGAGGUCU AGACCCUU   30986   2874   8086   CUCUCACAC   GUCACACA   12612   UGUUCUCAG   GCCGAAAAGGCCAGUGAGGUCU AGACCCUU   30986   2874   8086   CUCUCACAC   GUCACACA   12612   GUUCUCAG   GCCGAAAGGCCAGUGAGGUCU AGACCCUU   30986   2875   8054   UUCUCACC   GUCCACA   12612   GUACACC   12612   GUACACC   12613   GUCACACC   1	2789	8241				
	2795	8235	AUGUAGGG G CAGAGCAC	12597		
2824   8206	2800	8230	GGGGCAGA G CACCUUCA	12598	UGAAGGUG GCCGAAAGGCGAGUGAGGUCU UCUGCCCC	30973
2824   8206	2810	8220	ACCUUCAC G CAAAAUUC	12599	GAAUUUUG GCCGAAAGGCGAGUGAGGUCU GUGAAGGU	30974
2831         8199         GGCCCUCG G UGCRGCA         12601         UGGCCGA GCCGANAGGCCGAUGRAGUC CARGGGC         30976           2833         8197         CCCUCGGU G CAGCCAGU 12602         λCUGCUCG GCCGANAGGCGAUGRAGUC NCCGAG         309778           2840         8194         UCGGUGCA G CCCAAACC         12603         AGGRCUG GCCGANAGGCCAGUGRAGUU UGCCCCA         30978           2868         8162         CCCGANUC G UCCUVACA         12604         GUUGGGAAGGCGAGUGRAGUGUU UGGCUCA         30979           2875         8155         CGUCCUAU G CUCUUCAA         12606         UUGARGGA GCCGANAGGCCGAGUGRAGUUU UGGCUCA         30980           2889         8141         CAACCUCA G CACUUGAC         12607         GUCAAGGG GCCGANAGGCCGAGUGRAGUUU UGAGGUUG         30981           2912         8118         UUCCCAAU G LCACAAA         12608         UUUGUGA GCCGANAGGCGAGUGRAGUUU AUCGGAA         30983           2927         8103         AAGAGGGU G UUCACAAA         12609         UUGUGGA GCCGANAGGCGAGUGAGGGUU AUCCGGAA         30981           2924         806         CUCAGAAG G UUCACAAA         12611         UUCUUGGA GCCGANAGGCGAGUGAGGUU CUCUCUUGA         30985           2946         8062         QAAGGGUU G UUCACAAC         12612         GUUGUCUA GCCGANAGGCGAGUGAGGUU CUCUCUGA         30986           2976         8054	2824	8206	UUCCCUUG G CCCUCGGU	12600	ACCGAGGG GCCGAAAGGCGAGUGAGGUCU CAAGGGAA	30975
2833   8197	$\leftarrow$				UGGCUGCA GCCGAAAGGCGAGUGAGGUCU CGAGGGCC	30976
2836   8194					<u> </u>	
2840   8190					<u> </u>	<u> </u>
2868   8162   CCCGAAUC G UCCUNUGC   12605   GCNIAGGA GCCGAAAGGCGAGUGAGGUCU GAUUCCGG   30980   2875   8155   GGUCCUAU G CUCUUCAA   12606   UUGAAGAG GCCGAAAGGCGAGUGAGGUCU AUAGGACG   30981   2889   8141   CAACCUCA G CACUUGAC   12607   GUCAGUIG GCCGAAAGGCGAGUGAGGUCU AUAGGACG   30982   2912   8118   UCUCCGAU G UCACAAG   12608   CUUUGUGA GCCGAAAGGCGAGUGAGGUCU AUAGGACG   30982   2925   8105   AAAGGAGG G UGUCACAA   12609   UUGUGACA GCCGAAAGGCGAGUGAGGUCU AUCGGAGA   30982   2927   8113   AGGAGGU G UCACACAC   12609   UUGUGACA GCCGAAAGGCGAGUGAGGUCU   CUCCUUU   30984   2927   81103   AAGGAGG G UCACACAC   12610   UGUUGUGA GCCGAAAGGCGAGUGAGGUCU   CUCCUUU   30985   2944   8086   CUCAGAAG G UCACACAC   12611   UCUACAGA GCCGAAAGGCGAGUGAGGUCU   CUCUUGAG   30985   2948   8082   GAAGGUCU   GACAAGA   12611   UCUACAGA GCCGAAAGGCGAGUGAGGUCU   CUUCUGAG   30986   2948   8082   GAAGGUCU   GACAAGA   12612   GUGUUCUA GCCGAAAGGCGAGUGAGGUCU   CUCUGAG   30986   2948   8046   GUGACAUG   GACAGUC   12614   GGAUGAGA   GCCGAAAGGCGAGUGAGGUCU   CUCUGAGA   30988   2984   8046   GUGACAUG   GUCCACAC   12614   GGAUGGAG   GCCGAAAGGCGAGUGAGGUCU   AUGAGACA   30988   3007   8023   UUGCACUA   GUGGGGCU   12614   GGAUGGG   GCCGAAAGGCGAGUGAGGUCU   AAAGUUAU   30990   3007   8023   UUGCACUA   GUGGGGCU   12614   GACCCCAA GCCGAAAGGCAGUGAGGUCU   AAAGUUAU   30990   3013   8017   UAGUUGAG   GCCGUAAGG   CCCGAAAGGCAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG					<u></u>	
2875   8155   CGUCCUAU G CUCUUCAA   12606   UUGANGAG GCCGAAAGGCGAGUGAGGUCU AUAGGACG   30981   2889   8141   CAACCUCA G CACUUGAC   12607   GUCAAGUG GCCGAAAGGCGAGUGAGGUCU UGAGGUUG   30982   2912   8118   UCUCCGAU G UCACAAAG   12608   CUUUGUGA GCCGAAAGGCGAGUGAGGUCU AUCGGAGA   30983   2925   8105   AAAGGAGG UGCACAAAC   12610   UUGUGACA GCCGAAAGGCGAGUGAGGUCU AUCGGAGA   30983   2927   8103   AGGAGGGU G UCACAAAC   12610   UUGUGACA GCCGAAAGGCGAGUGAGGUCU CCUCCUUU   30984   2924   8086   CUCAGAAAG   CUCAGAAG   12611   UGUACAGA GCCGAAAGGCGAGUGAGGUCU CCUCCUCU   30985   2948   8082   GAAGGUCU G UAGAACAC   12612   GUGUUCUA GCCGAAAGGCGAGUGAGGUCU CUUCUGAC   30986   2948   8082   GAAGGUCU G UAGAACAC   12612   GUGUUCUA GCCGAAAGGCGAGUGAGGUCU CUUCUGAC   30987   2976   8054   UCUUCAGA G UUCCAACC   12612   GUGUUCUA GCCGAAAGGCGAGUGAGGUCU CAUGAAGA   30988   2984   8046   GUGACAAU G UUCCAACC   12614   GGAUGAGA GCCGAAAGGCGAGUGAGGUCU AUAGACA   30989   3001   8029   AUAACUUU G CACUAGUU   12615   AACUAGUG GCCGAAAGGCGAGUGAGGUCU AUAGUACA   30999   3007   8023   UUGCACUU G CUCUCUAU   12615   AACUAGUG GCCGAAAGGCGAGUGAGGUCU AUAGUCACA   30999   3001   8029   AUAACUUU G CACUAGUU   12615   AACUAGUG GCCGAAAGGCGAGUGAGGUCU AAAGUUAU   30990   3001   8029   AUAACUUU G CCCUUCUAU   12617   AUGAAGAG GCCGAAAGGCGAGUGAGGUCU AAAGUUAU   30990   3002   8008   CUCUUCAU G UUCCACCC   12618   GUCCCCCAA GCCGAAAGGCGAGUGAGGUCU AAAGUAA   30991   3033   7998   CCGGGACG G CCCUUUGU   12619   AACAAGG GCCGAAAGGCGAGUGAGGUCU AUGAAGAG   30995   3032   7998   CCGGGACG G CCCUUUGU   12619   AACAAGG GCCGAAAGGCGAGUGAGGUCU AUGAAGAG   30995   3072   7958   UUUUUGU G UUGCCAUA   12622   AUAGGUA GCCGAAAGGCGAGUGAGGUCU AAAGGAG   30995   3072   7958   UUUUUGU G UUGCCAUA   12629   AGGGUACA GCCGAAAGGCGAGUGAGGUCU AAAAGAG   30995   3095   7955   UUUUGUGU G UAGCCCUCU   12621   AGGGUACA GCCGAAAGGCGAGUGAGGUCU AAAAGAG   30995   3095   7955   UUUUGUGU G UAGCCCUCU   12625   GAGAAGGCGAGUGAGGUCU AAAAGAG   30995   3095   7955   UUUUGUGU G CCCAUAUA G CCGAAAGGCGAGUGAGGUCU AAAAGAG   30995   3095   7955	-					
2889   \$141						
2912         8118         UCUCCGAU G UCACAAAG         12608         CUUUGUGA GCCGAAAGGCGAGUGAGGUCU AUCGGAGA         30983           2925         8105         AAAGGAG G UGUCACAA         12609         UUGUGACA         GCCGAAAGCAGGUGAGGUCU CUCCUCUU         30984           2927         8103         AGGAGGU G UCACAACA         12610         UGUGUGUG GCCGAAAGGCGAGUGAGGUCU ACCCUCCU         30985           2944         8086         CUCAGAAG G UCUCUAGA         12611         UCUACAGA GCCGAAAGGCGAGUGAGGUCU CUUCUAGA         30986           2948         8082         GAAGGUGU G UGACAAUG         12612         GUGUCUA GCCGAAAGGCGAGUGAGGUCU CAUGAGA         30987           2976         8054         UCUUCAUG G UGACAAU         12613         CAUUGUA GCCGAAAGGCAGUGAGGUCU AUGAGA         30989           3001         8029         AUAACUU G CACAGUU         12614         GGADGAAG GCCGAAAGGCAGUGAGGUCU AUGAGA         30989           3001         8029         AUAACUU G CACAGUU         12615         AACUAGUG GCCGAAAGGCAGUGAGGUCU AAAGGUAGAGUCU AUGAGA         30999           3022         8008         CUCUUCAU G UCCGGGAC         12616         AGCCCCAA GCCGAAGGCAGGUGAGGUCU CACAACA         30992           3022         8008         CUCUUCAU G UCCGGGAC         12618         GUCCCGGA         GCCGAAAGGCAGGUGAGGUCU AUGAGAGA         30993 <td>2875</td> <td>8155</td> <td></td> <td></td> <td></td> <td></td>	2875	8155				
2925   8105   NAAGGAGG G UGUCACAA   12609   UUGUGACA GCCGAAAGGCGAGUGAGGUCU CCUCCUUU   30984   2927   8103   AGGAGGG G UCACAACA   12610   UGUUGUGA GCCGAAAGGCGAGUGAGGUCU ACCUCCU   30985   2944   8088   CUCAGAAG G UCAGAAG   12611   UUUACAGA GCCGAAAGGCGAGUGAGGUCU ACUCUCAGA   30986   2948   8082   GAAGGUGU G UAGAACAC   12612   GUGUUCUA GCCGAAAGGCGAGUGAGGUCU AGACCUUC   30987   2976   8054   UCUUCAUG G UGACAAUG   12613   CAUUGUCA GCCGAAAGGCGAGUGAGGUCU AGACCUUC   30987   2984   8046   GUGACAAUG   UUCCAUCC   12614   GGAUGACA GCCGAAAGGCGAGUGAGGUCU AUUGUCAC   30989   3001   8029   AUAACUUU G CACUAGUU   12615   AACUAGUG GCCGAAAGGCGAGUGAGGUCU AUUGUCAC   30989   3001   8029   AUAACUUU G CACUAGUU   12615   AACUAGUG GCCGAAAGGCGAGUGAGGUCU AUUGUCAC   30989   3001   8029   AUAACUUU G CACUAGUU   12615   AACUAGUG GCCGAAAGGCGAGUGAGGUCU AUAGUCAA   30990   3007   8023   UUGCACUA G UUCGGGCU   12616   AGCCCCAA GCCGAAAGGCGAGUGAGGUCU UAGUGCAA   30991   3013   8017   UAGUGGG C CUCUUCAU   12617   AUGAAGAG GCCGAAAGGCGAGUGAGGUCU CCCAACUA   30992   3022   8008   CUCUUCAU G UCCCGGGAC   12618   GUCCCGGA GCCGAAAGGCGAGUGAGGUCU CCCAACUA   30993   3032   7998   CCGGGACC G CCCUUUGU   12619   ACAAAGGG GCCGAAAGGCGAGUGAGGUCU AUGAGAGG   30993   3039   7991   CGCCUUU G UUACCCU   12620   AGGGUACA GCCGAAAGGCGAGUGAGGUCU AUGAGAGG   30993   3041   7989   CCCUUUGU G UACCCUCU   12621   AGAGGGUA GCCGAAAGGCGAGUGAGGUCU AAAGGGCG   30995   3072   7958   UUUUUUGG G UUGCCAUA   12622   UAUGGCAA GCCGAAAGGCGAGUGAGGUCU ACAAAGG   30996   3073   7955   UUUGGGG G CUCAUAGA   12622   UAUGGCAA GCCGAAAGGCGAGUGAGGUCU ACAAAGG   30996   3073   7955   UUUGGG G CUCAUAGA   12622   UAUGGCAA GCCGAAAGGCGAGUGAGGUCU ACAAAGG   30996   3075   7955   UUUGGG G CUUAUAG   12622   UAUGGCAA GCCGAAAGGCGAGUGAGGUCU ACCAAAG   30996   3075   7955   UUUGGCA G CUCAUAGA   12624   UGUGUUU AGCCAAAAGGCGAGUGAGGUCU ACCAAAGA   30996   3075   7955   UUUGGCA G UUCACACCA   12626   GUGAUAGA GCCGAAAGGCGAGUGAGGUCU ACCAAAG   30996   3075   7955   CACCACC G CCUCUCA   12626   GUGAUAGA GCCGAAAGGCGAGUGAGGUCU ACAAAGA   30	2889	8141	CAACCUCA G CACUUGAC	12607	GUCAAGUG GCCGAAAGGCGAGUGAGGUCU UGAGGUUG	30982
2927   8103   AGGAGGGU G UCACAACA   12610   UGUUGUGA GCCGAAAGGCGAGUGAGGUCU ACCCUCCU   30985   2944   8086   CUCAGAAG G UCUGUAGA   12611   UCUACACA GCCGAAAGGCGAGUGAGGUCU CUUCUGAG   30986   2948   8082   GAAGGUCU G UAGAACAC   12612   GUGUUCUA GCCGAAAGGCGAGUGAGGUCU AGACCUUC   30987   2976   8054   UCUUCAUG G UGACAAC   12613   CAUUGUCA GCCGAAAGGCGAGUGAGGUCU AGACCUUC   30988   2984   8046   GUGACAAU G UUCCAUCC   12614   GGAUGGAA GCCGAAAGGCGAGUGAGGUCU AUUGUCAC   30989   3001   8029   ADAACUUU G CACUAGUU   12615   AACUAGUG GCCGAAAGGCGAGUGAGGUCU AUUGUCAC   30999   3007   8023   UUGACAUA G UUGGGCU   12616   AGCCCCAA GCCGAAAGGCGAGUGAGGUCU AUUGUCAC   30991   3013   8017   UAGUUCAU G UCCGGGAC   12616   AGCCCCAA GCCGAAAGGCGAGUGAGGUCU UAGUGCAA   30991   3022   8008   CUCUUCAU   12617   AUGAAGAG GCCGAAAGGCGAGUGAGGUCU UAGUGCAA   30992   3032   7998   CCCGGGAC   CCCUUUGU   12619   ACAAAGG GCCGAAAGGCGAGUGAGGUCU AUGAACAG   30993   3032   7998   CCCGGGAC   CCCUUUGU   12619   ACAAAGG GCCGAAAGGCGAGUGAGGUCU AUGAACAG   30993   3032   7998   CCCGCUUU G UCCAGCAC   12618   GUCCCGGA GCCGAAAGGCGAGUGAGGUCU AUGAACAG   30993   3032   7998   CCCCUUU G UGUCCCUU   12619   ACAAAGG GCCGAAAGGCGAGUGAGGUCU AUGAACAG   30995   3041   7999   CCCCUUU G UGUCCCUU   12621   AGAGGUA GCCGAAAGGCGAGUGAGGUCU ACAAAGG   30995   3041   7999   CCCUUUGU G UCCCCUU   12621   AGAGGUA GCCGAAAGGCGAGUGAGGUCU ACAAAGG   30996   3072   7958   UUUUUUGG G UUGCCAUA   12622   AUGGCAA GCCGAAAGGCGAGUGAGGUCU ACAAAGAG   30996   3072   7958   UUUUUUGG G UUGCCAUA   12623   CUUUAUGG GCCGAAAGGCGAGUGAGGUCU ACAAAGAG   30996   30797   7955   UUUGUUGG G UUGCAAAA   12622   UUGUAGGA GCCGAAAGGCGAGUGAGGUCU ACAAAAA   30997   3095   7935   CACCAAC G CCUUUUC   12625   GGAAGAGG GCCGAAAGGCGAGUGAGGUCU ACAAAAA   30998   3083   7947   GCCAUAG G UUACACCA   12624   UGGUGUA GCCGAAAGGCGAGUGAGGUCU ACAAAAA   30998   3083   7947   GCCAUAG G UCAAUCAC   12625   GGAAGAGG GCCGAAAGGCGAGUGAGGUCU ACAAAAA   30998   3083   7947   GCCAUAG G UCAAUCAC   12624   UGGUGUA GCCGAAAGGCGAGUGAGGUCU ACAAAGAG GCCGAAAGGCGAGUGAGGUC	2912	8118	UCUCCGAU G UCACAAAG	12608	CUUUGUGA GCCGAAAGGCGAGUGAGGUCU AUCGGAGA	30983
2944   8086	2925	8105	AAAGGAGG G UGUCACAA	12609	UUGUGACA GCCGAAAGGCGAGUGAGGUCU CCUCCUUU	30984
2944   8086	2927	8103	AGGAGGGU G UCACAACA	12610	UGUUGUGA GCCGAAAGGCGAGUGAGGUCU ACCCUCCU	30985
2948         8082         GAAGGUGU G UAGARACK         12612         GUGUUCUA GCCGAAAGGCAGUGAGUGAGUCU AGACCUUC         30987           2976         8054         UCUUCAUG G UAGARAUG         12613         CAUUGUCA GCCGAAAGGCGAGUGAGUCU CAUGAAGA         30988           2984         8046         GUGACAAU G UUCCAUCC         12614         GGALIGGAA GCCGAAAGGCGAGUGAGGUCU AAAGUUAU         30999           3001         8029         AVAACUUU G CACUAGUU         12615         AACUAGUG GCCGAAAGGCGAGUGAGGUCU AAAGUUAU         30990           3007         8023         UUGCACUA G UUGGGGCU         12616         AGCCCCAA GCCGAAAGGCGAGUGAGGUCU UAGUCACUA         30991           3013         8017         UAGUUGUA G UCCGGGAC         12618         GUCCCGGA GCCGAAAGGCGAGUGAGGUCU AUGAAGGAG         30992           3022         8008         CUCUUCAU G UCCGGCAC         12618         GUCCCGGA GCCGAAAGGCGAGUGAGGUCU AUGAAGGAG         30992           3032         7998         CCGGGACC G CCCUUUGU G UACCCU         12620         AGGGUACA GCCGAAAGGCGAGUGAGGUCU AAAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGA			CUCAGAAG G UCUGUAGA	12611	UCUACAGA GCCGAAAGGCGAGUGAGGUCU CUUCUGAG	30986
2976         8054         UCUUCAUG G UGACAAUG         12613         CAUUGUCA GCCGAAAGGCGAGUGAGGUC AUGAAGA         30988           2984         8046         GUGACAAU G UUCCAUCC         12614         GGAUGGAA GCCGAAAGGCGAGUGAGGUCU AUGUGCAC         30999           3001         8029         AUAACUUU G CACUAGUU         12615         AACUAGUG GCCGAAAGGCGAGUGAGGUCU AAAGUUAU         30990           3007         8023         DUGCACUA G UUGCGGCU         12616         AGCCCCAA         GCCGAAAGGCGAGUGAGGUCU UAGUGCAA         30991           3013         8017         UAGUUCAU G UCCGGGAC         12618         GUCCCGGA         GCCGAAAGGCGAGUGAGGUCU AUGAAGAG         30992           3022         8008         CUCUUCAU G UCCGGGAC         12618         GUCCCGGA GCCGAAAGGCGAGUGAGGUCU AUGAAGAG         30993           3032         7998         CCGGGACC G CCCUUUGU L2619         ACAAAGGG GCCGAAAGGCGAGUGAGGUCU AUGAAGAG         30993           3041         7989         CCCUUUGU G UACCCUCU L2621         AGAGGUA GCCGAAAGGCGAGUGAGGUCU ACAAAGGG         30995           3072         7958         UUUUUUGG G UUGCCAUA         12622         UAUGACAA GCCGAAAGGCGAGUGAGGUCU ACAAAAA         30999           3083         7947         GCCAUAUA G UACACCA         12624         UGGUGAGAAGGCGAGUGAGGUCU ACAAAAA         30999           3095 </td <td></td> <td></td> <td></td> <td><del></del></td> <td>GUGUUCUA GCCGAAAGGCGAGUGAGGUCU AGACCUUC</td> <td>30987</td>				<del></del>	GUGUUCUA GCCGAAAGGCGAGUGAGGUCU AGACCUUC	30987
2984   8046				-		
3001   8029   AUAACUUU G CACUAGUU   12615   AACUAGUG GCCGAAAGGCGAGUGAGGUCU DAAGUUAU   30990   3007   8023   UUGCACUA G UUGGGGCU   12616   AGCCCCAA GCCGAAAGGCGAGUGAGGUCU UAGUGCAA   30991   3013   8017   UAGUUGGG C CUCUUCAU   12617   AUGAAGAG GCCGAAAGGCGAGUGAGGUCU UAGUGCAA   30992   3022   8008   CUCUUCAU G UCCGGGAC   12618   GUCCGGGA GCCGAAAGGCGAGUGAGGUCU UAGAGAG   30993   3032   7998   CCGGGAC G CCCUUUGU   12619   ACAAAGGG GCCGAAAGGCGAGUGAGGUCU UAGAGAG   30994   3039   7991   CGCCCUUU G UGUACCCU   12620   AGGGUACA GCCGAAAGGCGAGUGAGGUCU AAAAGGG   30995   3041   7989   CCCUUUGU G UGCCCUCU   12621   AGAGGGUA GCCGAAAGGCGAGUGAGGUCU AAAAGGG   30995   3072   7958   UUUUUUGG G UUGCCAUA   12622   UAUGACAA GCCGAAAGGCGAGUGAGGUCU AAAAGAG   30996   3072   7958   UUUUUUGG G UUGCCAUA   12622   UAUGACAA GCCGAAAGGCGAGUGAGGUCU AAAAAA   30997   3075   7955   UUUUGGGU G CCAUAUAG   12622   UAUAUGG GCCGAAAGGCGAGUGAGGUCU CAAAAAA   30998   3083   7947   GCCAUAUA G UAAACACCA   12624   UGGUGUUA GCCGAAAGGCGAGUGAGGUCU UAUAUGGC   30999   3095   7935   CACCAACG G CCUUUCC   12625   GGAAGAGG GCCGAAAGGCGAGUGAGGUCU UAUAUGGC   30999   3095   7935   CACCAACG G CUCAUACAC   12624   UGGUGUUA GCCGAAAGGCGAGUGAGGUCU UAUAUGGC   30999   3095   7935   CACCACC G UUCAGACA   12625   GGAAGAGG GCCGAAAGGCGAGUGAGGUCU UAUAUGGC   30099   3133   7897   UCCGACCG G UUCAGACA   12627   UUCUCGAA GCCGAAAGGCGAGUGAGGUCU UGUGGUG   31000   3133   7897   UCCGACCG G UCCACACA   12628   UUCUCGAA GCCGAAAGGCGAGUGAGGUCU UGGGGGA   31002   3148   7882   AAACCUCC G UUCGACA   12629   UGAGAUGG GCCGAAAGGCGAGUGAGGUCU UGAGAUG   31003   3157   7873   UUCGACCA G CCGACAGA   12629   UGAGAUGG GCCGAAAGGCGAGUGAGGUCU UGAGAUG   31004   3157   7859   UCAGUUUU G CUGGCCC   12631   GGGCACA GCCGAAAGGCCAGUGAGGUCU UGAGAUG   31004   3166   7864   CCAUCUCA G UUUGGCCC   12631   GGGCACG GCCGAAAGGCCAGUGAGGUCU UAGAUGG   31005   3174   7859   UCAGUUUU G UCGCCCCUA   12632   UAGGGGCG GCCGAAAGGCCAGUGAGGUCU AAACUGA   31006   3174   7856   UUUUGCUG G CCCUCCAG   12631   GGGCACG GCCGAAAGGCCAGUGAGGUCU AAACUGA   31006			<del></del>		<u></u>	
3007   8023   UUGCACUA G UUGGGGCU   12616   AGCCCCAA GCCGAAAGGCGAGUGAGGUCU UAGUGCAA   30991   3013   8017   UAGUUGGG G CUCUUCAU   12617   AUGAAGAG GCCGAAAGGCGAGUGAGGUCU CCCAACUA   30992   3022   8008   CUCUUCAU G UCCGGGAC   12618   GUCCCGGA GCCGAAAGGCGAGUGAGGUCU AUGAAGAG   30993   3032   7998   CCGGGACC G CCCUUUGU   12619   ACAAAGG GCCGAAAGGCGAGUGAGGUCU AUGAAGAG   30994   3039   7991   CGCCCUUU G UGUACCCU   12620   AGGGUAC G CCCGAAAGGCGAGUGAGGUCU AUGAAGAG   30995   3041   7989   CCCUUUGU G UACCCUC   12621   AGAGGGA GCCGAAAGGCGAGUGAGGUCU ACAAAGG   30995   3041   7989   CCCUUUGU G UACCCUC   12621   AGAGGGA GCCGAAAGGCGAGUGAGGUCU ACAAAGG   30996   3072   7958   UUUUUUGG G UUGCCAUA   12622   UAUGGCAA GCCGAAAGGCGAGUGAGGUCU ACAAAGAG   30997   3075   7955   UUUGGGUU G CCAUAUUAG   12622   UAUGGCAA GCCGAAAGGCGAGUGAGGUCU CCAAAAAA   30997   3095   7935   CACCAACC G CCUUUCC   12625   GGAAGAGG GCCGAAAGGCGAGUGAGGUCU UAUAUGGC   30999   3095   7935   CACCAACC G CCUUUCC   12625   GGAAGAGG GCCGAAAGGCGAGUGAGGUCU UAUAUGGC   30999   3095   7935   CACCAACC G CCUUUCC   12625   GGAAGAGG GCCGAAAGGCGAGUGAGGUCU UAUAUGGC   30999   3095   7935   CACCAACC G CCUUUCC   12625   GGAAGAGG GCCGAAAGGCGAGUGAGGUCU UAUAUGGC   31001   3133   7897   UCCGACCG G UUCGAGAA   12627   UUCUCGAA GCCGAAAGGCGAGUGAGGUCU UAUAUGGC   31001   3133   7897   UCCGACCG G UUCGACCA   12628   UGAUGAA GCCGAAAGGCGAGUGAGGUCU CGUCGGAA   31002   3148   7882   AAACCUCC G UUCGACCA   12628   UGAGAGG GCCGAAAGGCGAGUGAGGUCU UGGUGGAA   31003   3157   7873   UUCGACCA G CCAAUCUCA   12629   UGAGAGG GCCGAAAGGCGAGUGAGGUCU UGGAAGGAGAGGAG				<del></del>		<del></del>
3013   8017   UAGUUGGG G CUCUUCAU   12617   AUGAAGAG GCCGAAAGGCGAGUGAGGUCU CCCAACUA   30992   3022   8008   CUCUUCAU G UCCGGGAC   12618   GUCCCGGA GCCGAAAGGCGAGUGAGGUCU AUGAAGAG   30993   3032   7998   CCGGGACC G CCCUUUGU   12619   ACAAAGGG GCCGAAAGGCGAGUGAGGUCU GGUCCCGG   30994   3039   7991   CGCCCUUU G UGACCCU   12620   AGGGGACA GCCGAAAGGCGAGUGAGGUCU AAAGGGC   30995   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991   30991		<del></del>		<del></del>		
3022   8008						
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3039   7991	3022	8008	CUCUUCAU G UCCGGGAC	12618	GUCCCGGA GCCGAAAGGCGAGUGAGGUCU AUGAAGAG	30993
3041         7989         CCCUUUGU G UACCCUCU         12621         AGAGGGUA GCCGAAAGGCGAGUGAGGUCU ACAAAGGG         30996           3072         7958         UUUUUUGG G UUGCCAUA         12622         UAUGGCAA GCCGAAAGGCGAGUGAGGUCU CCAAAAAA         30997           3075         7955         UUUGGGUU G CCAUAUAG         12623         CUAUAUGG GCCGAAAGGCGAGUGAGGUCU AACCCAAA         30998           3083         7947         GCCAUAUA G UAACACCA         12624         UGGUGUUA GCCGAAAGGCGAGUGAGGUCU UAUAUGGC         30999           3095         7935         CACCAACC G CCUCUUCC         12625         GGAAGAGG GCCGAAAGGCCAGUGAGGUCU GGUUGGUG         31000           3113         7917         CAUCCAAG G UCCAACAA         12626         GUGAUUGA GCCGAAAGGCCAGUGAGGUCU CUUGGAUG         31001           3133         7897         UCCGACCG G UUCGACCA         12628         UGGUCGAA GCCGAAAGGCCGAGUGAGGUCU GGAGGUUU         31002           3148         7882         AAACCUCC G UUCGACCA         12628         UGGUCGAAAGGCGAGUGAGGUCU UGGAGAUU         31003           3157         7873         UUCGACA G CCAUCUCA         12629         UGAGAUGG GCCGAAAGGCGAGUGAGGUCU UGAGAUGG         31004           3166         7864         CCAUCUCA G UUUUGCUG         12630         CAGCAAAA GCCGAAGGCGAGUGAGGUCU UGAGAUGG         31005           3	3032	7998	CCGGGACC G CCCUUUGU	12619	ACAAAGGG GCCGAAAGGCGAGUGAGGUCU GGUCCCGG	30994
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30727958UUUUUUGG G UUGCCAUA12622UAUGGCAA GCCGAAAGGCGAGUGAGGUCU CCAAAAAA3099730757955UUUGGGUU G CCAUAUAG12623CUAUAUGG GCCGAAAGGCGAGUGAGGUCU AACCCAAA3099830837947GCCAUAUA G UAACACCA12624UGGUGUUA GCCGAAAGGCGAGUGAGGUCU UAUAUGGC3099930957935CACCAACC G CCUCUUCC12625GGAAGAGG GCCGAAAGGCGAGUGAGGUCU UAUAUGGC3100031137917CAUCCAAG G UCAAUCAC.12626GUGAUUGA GCCGAAAGGCGAGUGAGGUCU CUUGGAUG3100131337897UCCGACCG G UUCGACCA12627UUCUCGAA GCCGAAAGGCGAGUGAGGUCU CGGUCGGA3100231487882AAACCUCC G UUCGACCA12628*** UGGUCGAA GCCGAAAGGCGAGUGAGGUCU GGAGGUUU3100331577873UUCGACCA G CCAUCUCA12629UGAAUGG GCCGAAAGGCGAGUGAGGUCU UGGUCGAA3100431667864CCAUCUCA G UUUUGCUG12630CAGCAAAA GCCGAAAGGCGAGUGAGGUCU UGAGAUGG3100531717859UCAGUUUU G CUGUCCC12631GGGCACAG GCCGAAAGGCGAGUGAGGUCU AAAACUGA3100631747856GUUUUGCU G UGCCCCUA12632UAGGGGCA GCCGAAAGGCGAGUGAGGUCU AGCAAAAC3100731767854UUUGCUGU G CCCCUAGA12633UCUAGGGG GCCGAAAGGCGAGUGAGGUCU ACAGCAAA3100731767854UUUGCUGU G CCCUCAG12634CUGGAGGG GCCGAAAGGCGAGUGAGGUCU ACAGCAAA3100831937837GACUGGAU G CCCUCAG12634CUGGAGGG GCCGAAAGGCGAGUGAGGUCU ACAGCAA3100832017829GCCCUCCA G UGACAUUG12635CAAUGUCA GCCGAAAGGCGAGUGA	ļ	<del></del>	CCCUUUGU G UACCCUCU	12621	AGAGGGUA GCCGAAAGGCGAGUGAGGUCU ACAAAGGG	30996
3075 7955 UUUUGGGUU G CCAUAUAG 12623 CUAUAUGG GCCGAAAGGCGAGUGAGGUCU AACCCAAA 30998 3083 7947 GCCAUAUA G UAACACCA 12624 UGGUGUUA GCCGAAAGGCGAGUGAGGUCU UAUAUGGC 30999 3095 7935 CACCAACC G CCUCUUCC 12625 GGAAGAGG GCCGAAAGGCGAGUGAGGUCU UAUAUGGC 31000 3113 7917 CAUCCAAG G UCAAUCAC 12626 GUGAUUGA GCCGAAAGGCGAGUGAGGUCU CUUGGAUG 31001 3133 7897 UCCGACCG G UUCGAGAA 12627 UUCUCGAA GCCGAAAGGCGAGUGAGGUCU CUUGGAUG 31002 3148 7882 AAACCUCC G UUCGACCA 12628 UGGUCGAA GCCGAAAGGCGAGUGAGGUCU GGUCGGA 31002 3157 7873 UUCGACCA G CCAUCUCA 12629 UGAGAUGG GCCGAAAGGCGAGUGAGGUCU UGGUCGAA 31004 3166 7864 CCAUCUCA G UUUUGCUG 12630 CAGCAAAA GCCGAAAGGCGAGUGAGGUCU UGGAGAGG 31005 3171 7859 UCAGUUUU G CUGUGCCC 12631 GGGCACAG GCCGAAAGGCGAGUGAGGUCU UGAGAUGG 31006 3174 7856 GUUUUGCU G UGCCCCUA 12632 UAGGGGCA GCCGAAAGGCGAGUGAGGUCU AAAACUGA 31007 3176 7854 UUUGCUGU G CCCCUAGA 12632 UAGGGGCA GCCGAAAGGCGAGUGAGGUCU ACAGCAAA 31008 3193 7837 GACUGGAU G CCCCUAGA 12633 UCUAGGGG GCCGAAAGGCGAGUGAGGUCU ACAGCAAA 31008 3193 7837 GACUGGAU G CCCCCAG 12634 CUGGAGGG GCCGAAAGGCGAGUGAGGUCU ACAGCAAA 31008 3201 7829 GCCCUCCA G UGACAUUG 12635 CAAUGUCA GCCGAAAGGCGAGUGAGGUCU UGGAGGCC 31010 3209 7821 GUGACAUU G CCUUCUUU 12636 AAAGAAGG GCCGAAAGGCGAGUGAGGUCU ACGCACC 31011 3222 7808 CUUUCCUG G CGUGUUUU 12637 AAACACG GCCGAAAGGCGAGUGAGGUCU CAGGAAA 31013			<u> </u>		UAUGGCAA GCCGAAAGGCGAGUGAGGUCU CCAAAAAA	30997
3083         7947         GCCAUNUA G UNACACCA         12624         UGGUGUUA GCCGAAAGGCGAGUGAGGUCU UNUAUNGGC         30999           3095         7935         CACCAACC G CCUCUUCC         12625         GGAAGAGG GCCGAAAGGCGAGUGAGGUCU GGUUGGUG         31000           3113         7917         CAUCCAAG G UCAAUCAC.         12626         GUGAUUGA GCCGAAAGGCGAGUGAGGUCU CUUGGAUG         31001           3133         7897         UCCGACCG G UUCGACA         12627         UUCUCGAA GCCGAAAGGCGAGUGAGGUCU CGGUCGA         31002           3148         7882         AAACCUCC G UUCGACCA         12628         UGGUCGAA GCCGAAAGGCGAGUGAGGUCU GGAGGUUU         31003           3157         7873         UUCGACCA G CCAUCUCA         12629         UGAGAUGG GCCGAAAGGCGAGUGAGGUCU UGAGAUGG         31004           3166         7864         CCAUCUCA G UUUUGCUG         12630         CAGCAAAA GCCGAAAGGCGAGUGAGGUCU UGAGAUGG         31005           3171         7859         UCAGUUUU G CUGUGCC         12631         GGGCACAG GCCGAAAGGCGAGUGAGGUCU AAAACUGA         31006           3174         7856         GUUUUGCU G UGCCCCUA         12632         UAGGGGCA GCCGAAAGGCGAGUGAGGUCU ACAGAAAC         31007           3176         7854         UUUGCUGU G CCCCUAGA         12633         UCUAGGGG GCCGAAAGGCGAGUGAGGUCU ACAGCAAA         31008			<del>                                     </del>			
3095   7935			<del></del>	<del></del>		
3113   7917		<del></del>				
3133 7897 UCCGACCG G UUCGAGAA 12627 UUCUCGAA GCCGAAAGGCGAGUGAGGUCU CGGUCGGA 31002 3148 7882 AAACCUCC G UUCGACCA 12628 UGGUCGAA GCCGAAAGGCGAGUGAGGUCU GGAGGUUU 31003 3157 7873 UUCGACCA G CCAUCUCA 12629 UGAGAUGG GCCGAAAGGCGAGUGAGGUCU UGGUCGAA 31004 3166 7864 CCAUCUCA G UUUUGCUG 12630 CAGCAAAA GCCGAAAGGCGAGUGAGGUCU UGAGAUGG 31005 3171 7859 UCAGUUUU G CUGUGCCC 12631 GGGCACAG GCCGAAAGGCGAGUGAGGUCU UGAGAUGG 31006 3174 7856 GUUUUGCU G UGCCCCUA 12632 UAGGGGCA GCCGAAAGGCGAGUGAGGUCU AAAACUGA 31007 3176 7854 UUUGCUGU G CCCCUAGA 12633 UCUAGGGG GCCGAAAGGCGAGUGAGGUCU ACAGCAAA 31008 3193 7837 GACUGGAU G CCCUCCAG 12634 CUGGAGGG GCCGAAAGGCGAGUGAGGUCU AUCCAGUC 31009 3201 7829 GCCCUCCA G UGACAUUG 12635 CAAUGUCA GCCGAAAGGCGAGUGAGGUCU UGGAGGGC 31010 3209 7821 GUGACAUU G CCUUCUUU 12636 AAAGAAGG GCCGAAAGGCGAGUGAGGUCU AUGUCAC 31011 3222 7808 CUUUCCUG G CGUGUUUU 12637 AAAACACG GCCGAAAGGCGAGUGAGGUCU CAGGAAAG 31013				<del></del>		<del></del>
3148         7882         AAACCUCC G UUCGACCA         12628 "" UGGUCGAA GCCGAAAGGCGAGUGAGGUCU GGAGGUUU         31003           3157         7873         UUCGACCA G CCAUCUCA         12629         UGAGAUGG GCCGAAAGGCGAGUGAGGUCU UGGUCGAA         31004           3166         7864         CCAUCUCA G UUUUGCUG         12630         CAGCAAAA GCCGAAAGGCGAGUGAGGUCU UGAGAUGG         31005           3171         7859         UCAGUUUU G CUGUGCC         12631         GGGCACAG GCCGAAAGGCGAGUGAGGUCU AAAACUGA         31006           3174         7856         GUUUUGCU G UGCCCCUA         12632         UAGGGGCA GCCGAAAGGCGAGUGAGGUCU AGCAAAAC         31007           3176         7854         UUUGCUGU G CCCCUAGA         12633         UCUAGGGG GCCGAAAGGCGAGUGAGGUCU ACAGCAAA         31008           3193         7837         GACUGGAU G CCCUCCAG         12634         CUGGAGGG GCCGAAAGGCGAGUGAGGUCU AUCCAGUC         31009           3201         7829         GCCCUCCA G UGACAUUG         12635         CAAUGUCA GCCGAAAGGCGAGUGAGGUCU UGGAGGGC         31010           3209         7821         GUGACAUU G CCUUCUUU         12636         AAAGAAGG GCCGAAAGGCGAGUGAGGUCU AUGUCAC         31011           3222         7808         CUUUCCUG G CGUGUUUU         12637         AAAACACG GCCGAAAGGCGAGUGAGGUCU CAGGAAA         31012           3224		<del></del>	<del></del>	+		
3157   7873		<del></del>	<del></del>			
3166         7864         CCAUCUCA G' UUUUGCUG         12630         CAGCAAAA GCCGAAAGGCGAGUGAGGUCU UGAGAUGG         31005           3171         7859         UCAGUUUU G CUGUGCC         12631         GGGCACAG GCCGAAAGGCGAGUGAGGUCU AAAACUGA         31006           3174         7856         GUUUUGCU G UGCCCCUA         12632         UAGGGGCA GCCGAAAGGCGAGUGAGGUCU AGCAAAAC         31007           3176         7854         UUUGCUGU G CCCCUAGA         12633         UCUAGGGG GCCGAAAGGCGAGUGAGGUCU ACAGCAAA         31008           3193         7837         GACUGGAU G CCCUCCAG         12634         CUGGAGGG GCCGAAAGGCGAGUGAGGUCU AUCCAGUC         31009           3201         7829         GCCCUCCA G UGACAUUG         12635         CAAUGUCA GCCGAAAGGCGAGUGAGGUCU UGGAGGGC         31010           3209         7821         GUGACAUU G CCUUCUUU         12636         AAAGAAGG GCCGAAAGGCGAGUGAGGUCU AUGUCAC         31011           3222         7808         CUUUCCUG G CGUGUUUU         12637         AAAACACG GCCGAAAGGCGAGUGAGGUCU CAGGAAAG         31012           3224         7806         UUCCUGGC G UGUUUUGC         12638         GCAAAACA GCCGAAAGGCGAGUGAGGUCU GCCAGGAA         31013			<u> </u>	+		
3171 7859 UCAGUUUU G CUGUGCCC 12631 GGGCACAG GCCGAAAGGCGAGUGAGGUCU AAAACUGA 31006 3174 7856 GUUUUGCU G UGCCCCUA 12632 UAGGGGCA GCCGAAAGGCGAGUGAGGUCU AGCAAAAC 31007 3176 7854 UUUGCUGU G CCCCUAGA 12633 UCUAGGGG GCCGAAAGGCGAGUGAGGUCU ACAGCAAA 31008 3193 7837 GACUGGAU G CCCUCCAG 12634 CUGGAGGG GCCGAAAGGCGAGUGAGGUCU AUCCAGUC 31009 3201 7829 GCCCUCCA G UGACAUUG 12635 CAAUGUCA GCCGAAAGGCGAGUGAGGUCU UGGAGGC 31010 3209 7821 GUGACAUU G CCUUCUUU 12636 AAAGAAGG GCCGAAAGGCGAGUGAGGUCU AAUGUCAC 31011 3222 7808 CUUUCCUG G CGUGUUUU 12637 AAAACACG GCCGAAAGGCGAGUGAGGUCU CAGGAAAG 31012 3224 7806 UUCCUGGC G UGUUUUGC 12638 GCAAAACA GCCGAAAGGCGAGUGAGGUCU GCCAGGAA 31013	3157	7873	1	12629	UGAGAUGG GCCGAAAGGCGAGUGAGGUCU UGGUCGAA	31004
3174 7856 GUUUUGCU G UGCCCCUA 12632 UAGGGGCA GCCGAAAGGCGAGUGAGGUCU AGCAAAAC 31007 3176 7854 UUUGCUGU G CCCCUAGA 12633 UCUAGGGG GCCGAAAGGCGAGUGAGGUCU ACAGCAAA 31008 3193 7837 GACUGGAU G CCCUCCAG 12634 CUGGAGGG GCCGAAAGGCGAGUGAGGUCU AUCCAGUC 31009 3201 7829 GCCCUCCA G UGACAUUG 12635 CAAUGUCA GCCGAAAGGCGAGUGAGGUCU UGGAGGGC 31010 3209 7821 GUGACAUU G CCUUCUUU 12636 AAAGAAGG GCCGAAAGGCGAGUGAGGUCU AAUGUCAC 31011 3222 7808 CUUUCCUG G CGUGUUUU 12637 AAAACACG GCCGAAAGGCGAGUGAGGUCU CAGGAAAG 31012 3224 7806 UUCCUGGC G UGUUUUGC 12638 GCAAAACA GCCGAAAGGCGAGUGAGGUCU GCCAGGAA 31013	3166	7864	CCAUCUCA G' UUUUGCUG	12630	CAGCAAAA GCCGAAAGGCGAGUGAGGUCU UGAGAUGG	31005
3174 7856 GUUUUGCU G UGCCCCUA 12632 UAGGGGCA GCCGAAAGGCGAGUGAGGUCU AGCAAAAC 31007 3176 7854 UUUGCUGU G CCCCUAGA 12633 UCUAGGGG GCCGAAAGGCGAGUGAGGUCU ACAGCAAA 31008 3193 7837 GACUGGAU G CCCUCCAG 12634 CUGGAGGG GCCGAAAGGCGAGUGAGGUCU AUCCAGUC 31009 3201 7829 GCCCUCCA G UGACAUUG 12635 CAAUGUCA GCCGAAAGGCGAGUGAGGUCU UGGAGGGC 31010 3209 7821 GUGACAUU G CCUUCUUU 12636 AAAGAAGG GCCGAAAGGCGAGUGAGGUCU AAUGUCAC 31011 3222 7808 CUUUCCUG G CGUGUUUU 12637 AAAACACG GCCGAAAGGCGAGUGAGGUCU CAGGAAAG 31012 3224 7806 UUCCUGGC G UGUUUUGC 12638 GCAAAACA GCCGAAAGGCGAGUGAGGUCU GCCAGGAA 31013	3171	7859	UCAGUUUU G CUGUGCCC	12631	GGGCACAG GCCGAAAGGCGAGUGAGGUCU AAAACUGA	31006
3176 7854 UUUGCUGU G CCCCUAGA 12633 UCUAGGGG GCCGAAAGGCGAGUGAGGUCU ACAGCAAA 31008 3193 7837 GACUGGAU G CCCUCCAG 12634 CUGGAGGG GCCGAAAGGCGAGUGAGGUCU AUCCAGUC 31009 3201 7829 GCCCUCCA G UGACAUUG 12635 CAAUGUCA GCCGAAAGGCGAGUGAGGUCU UGGAGGGC 31010 3209 7821 GUGACAUU G CCUUCUUU 12636 AAAGAAGG GCCGAAAGGCGAGUGAGGUCU AAUGUCAC 31011 3222 7808 CUUUCCUG G CGUGUUUU 12637 AAAACACG GCCGAAAGGCGAGUGAGGUCU CAGGAAAG 31012 3224 7806 UUCCUGGC G UGUUUUGC 12638 GCAAAACA GCCGAAAGGCGAGUGAGGUCU GCCAGGAA 31013		7856	GUUUUGCU G UGCCCCUA	<del></del>		31007
3193 7837 GACUGGAU G CCCUCCAG 12634 CUGGAGGG GCCGAAAGGCGAGUGAGGUCU AUCCAGUC 31009 3201 7829 GCCCUCCA G UGACAUUG 12635 CAAUGUCA GCCGAAAGGCGAGUGAGGUCU UGGAGGGC 31010 3209 7821 GUGACAUU G CCUUCUUU 12636 AAAGAAGG GCCGAAAGGCGAGUGAGGUCU AAUGUCAC 31011 3222 7808 CUUUCCUG G CGUGUUUU 12637 AAAACACG GCCGAAAGGCGAGUGAGGUCU CAGGAAAG 31012 3224 7806 UUCCUGGC G UGUUUUGC 12638 GCAAAACA GCCGAAAGGCGAGUGAGGUCU GCCAGGAA 31013		<del> </del>				
3201 7829 GCCCUCCA G UGACAUUG 12635 CAAUGUCA GCCGAAAGGCGAGUGAGGUCU UGGAGGGC 31010 3209 7821 GUGACAUU G CCUUCUUU 12636 AAAGAAGG GCCGAAAGGCGAGUGAGGUCU AAUGUCAC 31011 3222 7808 CUUUCCUG G CGUGUUUU 12637 AAAACACG GCCGAAAGGCGAGUGAGGUCU CAGGAAAG 31012 3224 7806 UUCCUGGC G UGUUUUGC 12638 GCAAAACA GCCGAAAGGCGAGUGAGGUCU GCCAGGAA 31013		<del> </del>	<del></del>			
3209 7821 GUGACAUU G CCUUCUUU 12636 AAAGAAGG GCCGAAAGGCGAGUGAGGUCU AAUGUCAC 31011 3222 7808 CUUUCCUG G CGUGUUUU 12637 AAAACACG GCCGAAAGGCGAGUGAGGUCU CAGGAAAG 31012 3224 7806 UUCCUGGC G UGUUUUGC 12638 GCAAAACA GCCGAAAGGCGAGUGAGGUCU GCCAGGAA 31013						
3222 7808 CUUUCCUG G CGUGUUUU 12637 AAAACACG GCCGAAAGGCGAGUGAGGUCU CAGGAAAG 31012 3224 7806 UUCCUGGC G UGUUUUGC 12638 GCAAAACA GCCGAAAGGCGAGUGAGGUCU GCCAGGAA 31013		<del></del>		<del></del>		
3224 7806 UUCCUGGC G UGUUUUGC 12638 GCAAAACA GCCGAAAGGCGAGUGAGGUCU GCCAGGAA 31013		<del></del>				
	<del></del>	<del></del>		+		
3226 7804 CCUGGCGU G UUUUGCCG 12639 CGGCAAAA GCCGAAAGGCGAGUGAGGUCU ACGCCAGG 31014		<del></del>		12638		
	3226	7804	ccneecen a nunnecea	12639	CGGCAAAA GCCGAAAGGCGAGUGAGGUCU ACGCCAGG	31014

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Table X

			1		
3231	7799	CGUGUUUU G CCGCUGAG	12640	CUCAGCGG GCCGAAAGGCGAGUGAGGUCU AAAACACG	31015
3234	7796	GUUUUGCC G CUGAGCGA	12641	UCGCUCAG GCCGAAAGGCGAGUGAGGUCU GGCAAAAC	31016
3239	7791	GCCGCUGA G CGAUCGAC	12642	GUCGAUCG GCCGAAAGGCGAGUGAGGUCU UCAGCGGC	31017
3258	7772	CGAUGAUG G CCUCUUUG	12643	CAAAGAGG GCCGAAAGGCGAGUGAGGUCU CAUCAUCG	31018
3266	7764	GCCUCUUU G CGGUACCU	12644	AGGUACCG GCCGAAAGGCGAGUGAGGUCU AAAGAGGC	31019
3269	7761	UCUUUGCG G UACCUAGU	12645	ACUAGGUA GCCGAAAGGCGAGUGAGGUCU CGCAAAGA	31020
3276	7754	GGUACCUA G UGAACUCU	12646	AGAGUUCA GCCGAAAGGCGAGUGAGGUCU UAGGUACC	31021
3291	7739	CUUCUUUU G UCAUCUGG	12647	CCAGAUGA GCCGAAAGGCGAGUGAGGUCU AAAAGAAG	31022
3299	7731	GUCAUCUG G UUGAGUCU	12648	AGACUCAA GCCGAAAGGCGAGUGAGGUCU CAGAUGAC	31023
3304	7726	CUGGUUGA G UCUUUCUU	12649	AAGAAAGA GCCGAAAGGCGAGUGAGGUCU UCAACCAG	31024
3330	7700	CUCCCAAG G UGCGUCCU	12650	AGGACGCA GCCGAAAGGCGAGUGAGGUCU CUUGGGAG	31025
3332	7698	CCCAAGGU G CGUCCUUU	12651	AAAGGACG GCCGAAAGGCGAGUGAGGUCU ACCUUGGG	31026
3334	7696	CAAGGUGC G UCCUUUUG	12652	CAAAAGGA GCCGAAAGGCGAGUGAGGUCU GCACCUUG	31027
3342	7688	GUCCUUUU G CCCCACCU	12653	AGGUGGG GCCGAAAGGCGAGUGAGGUCU AAAAGGAC	31028
3358	7672	UCUUUUUA G UCCUGGUU	12654	AACCAGGA GCCGAAAGGCGAGUGAGGUCU UAAAAAGA	31029
3364	7666	UAGUCCUG G UUUUUCCA	12655	UGGAAAAA GCCGAAAGGCGAGUGAGGUCU CAGGACUA	31030
3374	7656	UUUUCCAU G UUCUUUAU	12656	AUAAAGAA GCCGAAAGGCGAGUGAGGUCU AUGGAAAA	
3385	7645	CUUUAUGA G UGUCCAUG	12657	CAUGGACA GCCGAAAGGCGAGUGAGGUCU UCAUAAAG	31031
3383	7643	UUAUGAGU G UCCAUGUU			31032
			12658	AACAUGGA GCCGAAAGGCGAGUGAGGUCU ACUCAUAA	31033
3393	7637	GUGUCCAU G UUAUGGAU	12659	AUCCAUAA GCCGAAAGGCGAGUGAGGUCU AUGGACAC	31034
3424	7606	ACCCCCAC G CAUGAUGU	12660	ACAUCAUG GCCGAAAGGCGAGUGAGGUCU GUGGGGGU	31035
3431	7599	CGCAUGAU G UGGCAGAG	12661	CUCUGCCA GCCGAAAGGCGAGUGAGGUCU AUCAUGCG	31036
3434	7596	AUGAUGUG G CAGAGUCC	12662	GGACUCUG GCCGAAAGGCGAGUGAGGUCU CACAUCAU	31037
3439	7591	GUGGCAGA G UCCGAUGG	12663	CCAUCGGA GCCGAAAGGCGAGUGAGGUCU UCUGCCAC	31038
3447	7583	GUCCGAUG G CAGUUGUU	12664	AACAACUG GCCGAAAGGCGAGUGAGGUCU CAUCGGAC	31039
3450	7580	CGAUGGCA G UUGUUGCG	12665	CGCAACAA GCCGAAAGGCGAGUGAGGUCU UGCCAUCG	31040
3453	7577	UGGCAGUU G UUGCGUUC	1266€	GAACGCAA GCCGAAAGGCGAGUGAGGUCU AACUGCCA	31041
3456	7574	CAGUUGUU G CGUUCCAA	12667	UUGGAACG GCCGAAAGGCGAGUGAGGUCU AACAACUG	31042
3458	7572	GUUGUUGC G UUCCAAAC	12668	GUUUGGAA GCCGAAAGGCGAGUGAGGUCU GCAACAAC	31043
3470	7560	CAAACAGA G CUUGCUCC	12669	GGAGCAAG GCCGAAAGGCGAGUGAGGUCU UCUGUUUG	31044
3474	7556	CAGAGCUU G CUCCAUUC	12670	GAAUGGAG GCCGAAAGGCGAGUGAGGUCU AAGCUCUG	31045
3490	7540	CUCCCAAA G CGUCACCG	12671	CGGUGACG GCCGAAAGGCGAGUGAGGUCU UUUGGGAG	31046
3492	7538	CCCAAAGC G UCACCGCU	12672	AGCGGUGA GCCGAAAGGCGAGUGAGGUCU GCUUUGGG	31047
3498	7532	GCGUCACC G CUGCGGCC	12673	GGCCGCAG GCCGAAAGGCGAGUGAGGUCU GGUGACGC	31048
3501	7529	UCACCGCU G CGGCCGUG	12674	CACGGCCG GCCGAAAGGCGAGUGAGGUCU AGCGGUGA	31049
3504	7526	CCGCUGCG G CCGUGAUC	12675	GAUCACGG GCCGAAAGGCGAGUGAGGUCU CGCAGCGG	31050
3507	7523	CUGCGGCC G UGAUCAAA	12676	UUUGAUCA GCCGAAAGGCGAGUGAGGUCU GGCCGCAG	31051
3522	7508	AAAUUCCG G CUUCUCGU	12677	ACGAGAAG GCCGAAAGGCGAGUGAGGUCU CGGAAUUU	31052
3529	7501	GGCUUCUC G VACUGUCU	12678	AGACAGUA GCCGAAAGGCGAGUGAGGUCU GAGAAGCC	31053
3534	7496	CUCGUACU G UCUUCACA	12679	UGUGAAGA GCCGAAAGGCGAGUGAGGUCU AGUACGAG	31054
3548	7482	ACAGACGG G UUCACUAC	12680	GUAGUGAA GCCGAAAGGCGAGUGAGGUCU CCGUCUGU	31055
3561	7469	CUACUACU G CAGCUAGA	12681	UCUAGCUG GCCGAAAGGCGAGUGAGGUCU AGUAGUAG	
3564	7455	CUACUGCA G CUAGAGAC	12682	GUCUCUAG GCCGAAAGGCGAGUGAGUCU UGCAGUAG	31056
3583	7447	CAAGAUCA G CAUGAUCU	12683		31057
3592	7438	CAUGAUCU G UCCAACUU		AGAUCAUG GCCGAAAGGCGAGUGAGGUCU UGAUCUUG	31058
3607	7423	UUUCUUCU G CAUGAUGG	12684	AAGUUGGA GCCGAAAGGCGAGUGAGGUCU AGAUCAUG	31059
			12685	CCAUCAUG GCCGAAAGGCGAGUGAGGUCU AGAAGAAA	31060
3616	7414	CAUGAUGG G UGUGGUGC	12586		31061
3618	7412	UGAUGGGU G UGGUGCGC	12687		31062
3621	7409	negenene e nececnon	12688	AGAGCGCA GCCGAAAGGCGAGUGAGGUCU CACACCCA	31063
3623	7407	GGUGUGGU G CGCUCUAA	12689		31064
3625	7405	UGUGGUGC G CUCUAAUU	12690	AAUUAGAG GCCGAAAGGCGAGUGAGGUCU GCACCACA	31065
3641	7359	UCUGGGAC G UCCGUGGC	12691	GCCACGGA GCCGAAAGGCGAGUGAGGUCU GUCCCAGA	31066
3645	7385	GGACGUCC G UGGCCACG	12692	CGUGGCCA GCCGAAAGGCGAGUGAGGUCU GGACGUCC	31067
3648	7392	CGUCCGUG G CCACGAUG	12693	CAUCGUGG GCCGAAAGGCGAGUGAGGUCU CACGGACG	31068
3656	7374	GCCACGAU G CCAUCCAC	12694	GUGGAUGG GCCGAAAGGCGAGUGAGGUCU AUCGUGGC	31069
3669	7351	CCACUACA G CGUUCUUC	12695	GAAGAACG GCCGAAAGGCGAGUGAGGUCU UGUAGUGG	31070
3671	7359	ACUACAGC G UUCUUCAU	12696	AUGAAGAA GCCGAAAGGCGAGUGAGGUCU GCUGUAGU	31071
3687	7343	UGAUUCCG G CCGCUGUC	12697	GACAGCGG GCCGAAAGGCGAGUGAGGUCU CGGAAUCA	31072
3690	7340	UUCCGGCC G CUGUCCGC	12698	GCGGACAG GCCGAAAGGCGAGUGAGGUCU GGCCGGAA	31073
3693	7337	CGGCCGCU G UCCGCCGC	12699	GCGGCGGA GCCGAAAGGCGAGUGAGGUCU AGCGGCCG	31074
3697	7333	CGCUGUCC G CCGCUGGG	12700	CCCAGCGG GCCGAAAGGCGAGUGAGGUCU GGACAGCG	31075
3700	7330	AGACCACC & CAGGACAA	12701	CAGCCCAG GCCGAAAGGCGAGUGAGGUCU GGCGGACA	31076
				GOODE AND GOOD GOOD GOOD GOOD GOOD GOOD GOOD GO	310/6

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			1	000000000000000000000000000000000000000	
3705	7325	GCCGCUGG G CUGAGCGC	12702	GCGCUCAG GCCGAAAGGCGAGUGAGGUCU CCAGCGGC	31077
3710	7320	UGGGCUGA G CGCAUUGC	12703	GCAAUGCG GCCGAAAGGCGAGUGAGGUCU UCAGCCCA	31078
3712	7318	GGCUGAGC G CAUUGCCU	12704	AGGCAAUG GCCGAAAGGCGAGUGAGGUCU GCUCAGCC	31079
3717	7313	AGCGCAUU G CCUCAGCU	12705	AGCUGAGG GCCGAAAGGCGAGUGAGGUCU AAUGCGCU	31080
3723	7307	UUGCCUCA G CUUGCCAA	12706	UUGGCAAG GCCGAAAGGCGAGUGAGGUCU UGAGGCAA	31081
3727	7303	CUCAGCUU G CCAACCGG	12707	CCGGUUGG GCCGAAAGGCGAGUGAGGUCU AAGCUGAG	31082
3743	7287	GGAACCAU G UAGGCAUA	12708	UAUGCCUA GCCGAAAGGCGAGUGAGGUCU AUGGUUCC	31083
3747	7283	CCAUGUAG G CAUAGUGG	12709	CCACUAUG GCCGAAAGGCGAGUGAGGUCU CUACAUGG	31084
3752	7278	UAGGCAUA G UGGCAAAA	12710	UUUUGCCA GCCGAAAGGCGAGUGAGGUCU UAUGCCUA	31085
3755	7275	GCAUAGUG G CAAAAAAG	12711	CUUUUUUG GCCGAAAGGCGAGUGAGGUCU CACUAUGC	31086
3766	7264	AAAAAGGA G UGUUGCCG	12712	CGGCAACA GCCGAAAGGCGAGUGAGGUCU UCCUUUUU	31087
3768	7262	AAAGGAGU G UUGCCGCU	12713	AGCGGCAA GCCGAAAGGCGAGUGAGGUCU ACUCCUUU	31088
3771	7259	GGAGUGUU G CCGCUGUU	12714	AACAGCGG GCCGAAAGGCGAGUGAGGUCU AACACUCC	31089
3774	7256	GUGUUGCC G CUGUUACC	12715	GGUAACAG GCCGAAAGGCGAGUGAGGUCU GGCAACAC	31090
3777	7253	UUGCCGCU G UUACCGUA	12716	UACGGUAA GCCGAAAGGCGAGUGAGGUCU AGCGGCAA	31091
3783	7247	CUGUUACC G UAACGGUG	12717	CACCGUUA GCCGAAAGGCGAGUGAGGUCU GGUAACAG	31092
3789	7241	CCGUAACG G UGAGGGUG	12718	CACCCUCA GCCGAAAGGCGAGUGAGGUCU CGUUACGG	31093
3795	7235	CGGUGAGG G UGACUUGU	12719	ACAAGUCA GCCGAAAGGCGAGUGAGGUCU CCUCACCG	31094
3802	7228	GGUGACUU G UCCCCAGC	12720	GCUGGGGA GCCGAAAGGCGAGUGAGGUCU AAGUCACC	31095
3809	7221	UGUCCCCA G CAUCCGGC	12721	GCCGGAUG GCCGAAAGGCGAGUGAGGUCU UGGGGACA	31096
3816	7214	AGCAUCCG G CUGCUAGC	12722	GCUAGCAG GCCGAAAGGCGAGUGAGGUCU CGGAUGCU	31097
3819	7211	AUCCGGCU G CUAGCAGG	12723	CCUGCUAG GCCGAAAGGCGAGUGAGGUCU AGCCGGAU	31098
3823	7207	GGCUGCUA G CAGGAGAG	12724	CUCUCCUG GCCGAAAGGCGAGUGAGGUCU UAGCAGCC	31099
3831	7199	GCAGGAGA G CCGACACU	12725	AGUGUCGG GCCGAAAGGCGAGUGAGGUCU UCUCCUGC	31100
3860	7170	AAGGGGAA G CCUCGCGC	12726	GCGCGAGG GCCGAAAGGCGAGUGAGGUCU UUCCCCUU	31101
3865	7165	GAAGCCUC G CGCGAGUG	12727	CACUCGCG GCCGAAAGGCGAGUGAGGUCU GAGGCUUC	31102
3867	7163	AGCCUCGC G CGAGUGUG	12728	CACACUCG GCCGAAAGGCGAGUGAGGUCU GCGAGGCU	31103
3871	7159	UCGCGCGA G UGUGAAUA	12729	UAUUCACA GCCGAAAGGCGAGUGAGGUCU UCGCGCGA	31104
3873	7157	GCGCGAGU G UGAAUAGU	12730	ACUAUUCA GCCGAAAGGCGAGUGAGGUCU ACUCGCGC	31105
3880	7150	UGUGAAUA G UGCACUUG	12731	CAAGUGCA GCCGAAAGGCGAGUGAGGUCU UAUUCACA	31106
3882	7148	UGAAUAGU G CACUUGCC	12732	GGCAAGUG GCCGAAAGGCGAGUGAGGUCU ACUAUUCA	31107
3888	7142	GUGCACUU G CCUGAACG	12733	CGUUCAGG GCCGAAAGGCGAGUGAGGUCU AAGUGCAC	31108
3896	7134	GCCUGAAC G UUUAUUGA	12734	UCAAUAAA GCCGAAAGGCGAGUGAGGUCU GUUCAGGC	31109
3906	7124	UUAUUGAG G UCAAUGAG	12735	CUCAUUGA GCCGAAAGGCGAGUGAGGUCU CUCAAUAA	31110
3915	7115	UCAAUGAG G UGUUGAUG	12736	CAUCAACA GCCGAAAGGCGAGUGAGGUCU CUCAUUGA	31111
3917	7113	AAUGAGGU G UUGAUGUA	12737	UACAUCAA GCCGAAAGGCGAGUGAGGUCU ACCUCAUU	31112
3923	7107	GUGUUGAU G UAAUCUGA	12738	UCAGAUUA GCCGAAAGGCGAGUGAGGUCU AUCAACAC	31113
3933	7097	AAUCUGAC G UGAUCAAA	12739	UUUGAUCA GCCGAAAGGCGAGUGAGGUCU GUCAGAUU	31114
3943	7087	GAUCAAAU G CUUUAGCA	12740	UGCUAAAG GCCGAAAGGCGAGUGAGGUCU AUUUGAUC	31115
3949	7081	AUGCUUUA G CAGUGGAG	12741	CUCCACUG GCCGAAAGGCGAGUGAGGUCU UAAAGCAU	31116
3952	7078	CUUUAGCA G UGGAGUGA	12742	UCACUCCA GCCGAAAGGCGAGUGAGGUCU UGCUAAAG	31117
3957	7073	GCAGUGGA G UGAGGACC	12743	GGUCCUCA GCCGAAAGGCGAGUGAGGUCU UCCACUGC	31118
3966	7064	UGAGGACC G CUGUUGUC	12744	GACAACAG GCCGAAAGGCGAGUGAGGUCU GGUCCUCA	31119
3969	7061	GGACCGCU G UUGUCACA	12745	UGUGACAA GCCGAAAGGCGAGUGAGGUCU AGCGGUCC	31120
3972	705B	CCGCUGUU G UCACAGCG	12746	CGCUGUGA GCCGAAAGGCGAGUGAGGUCU AACAGCGG	31121
3978	7052	UUGUCACA G CGUACAGU	12747	ACUGUACG GCCGAAAGGCGAGUGAGGUCU UGUGACAA	31122
3980	7050	GUCACAGC G UACAGUGA	12748	UCACUGUA GCCGAAAGGCGAGUGAGGUCU GCUGUGAC	31123
3985	7045	AGCGUACA G UGACCAGG	12749	CCUGGUCA GCCGAAAGGCGAGUGAGGUCU UGUACGCU	31124
3993	7037	GUGACCAG G CUGUUGCC	12750	GGCAACAG GCCGAAAGGCGAGUGAGGUCU CUGGUCAC	31125
3996	7034	ACCAGGCU G UUGCCGGC	12751	GCCGGCAA GCCGAAAGGCGAGUGAGGUCU AGCCUGGU	31126
3999	7031	AGGCUGUU G CCGGCCUC	12752	GAGGCCGG GCCGAAAGGCGAGUGAGGUCU AACAGCCU	31127
4003	7027	UGUUGCCG G CCUCAAGU	12753	ACUUGAGG GCCGAAAGGCGAGUGAGGUCU CGGCAACA	31128
4010	7020	GGCCUCAA G UCCAAAAG	12754	CUUUUGGA GCCGAAAGGCGAGUGAGGUCU UUGAGGCC	31129
4031	6999	UCUCCCAU G CUGAAAUU	12755	AAUUUCAG GCCGAAAGGCGAGUGAGGUCU AUGGGAGA	31130
4060	6970	AAUUCUUU G CCCAAACA	12756	UGUUUGGG GCCGAAAGGCGAGUGAGGUCU AAAGAAUU	31131
4073	6957	AACAAACU G CUUAUGUC	12757	GACAUAAG GCCGAAAGGCGAGUGAGGUCU AGUUUGUU	31132
4079	6951	CUGCUUAU G UCACUCUU	12758	AAGAGUGA GCCGAAAGGCGAGUGAGGUCU AUAAGCAG	31133
4089	6941	CACUCUUG G UCUUAUCU	12759	AGAUAAGA GCCGAAAGGCGAGUGAGGUCU CAAGAGUG	31133
4099	6931	CUUAUCUA G CCAACCCA	12760	UGGGUUGG GCCGAAAGGCGAGUGAGGUCU UAGAUAAG	31135
4112	6918	CCCAUCUC G UUGGCUGC	12761	GCAGCCAA GCCGAAAGGCGAGUGAGGUCU GAGAUGGG	31136
4116	6914	UCUCGUUG G CUGCCACU	12762	AGUGGCAG GCCGAAAGGCGAGUGAGGUCU CAACGAGA	
4119	6911	CGUUGGCU G CCACUGCG	12763	CGCAGUGG GCCGAAAGGCGAGUGAGGUCU AGCCAACG	31137
			1	TTTTTT TOTAL AND CONTROL NO CAME	31138

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4125	6905	CUGCCACU G CGCUCACA	12764	UGUGAGCG GCCGAAAGGCGAGUGAGGUCU AGUGGCAG	31139
4127	6903	GCCACUGC G CUCACAAG	12765	CUUGUGAG GCCGAAAGGCGAGUGAGGUCU GCAGUGGC	31140
4137	6893	UCACAAGG G UCAUGACA	12766	UGUCAUGA GCCGAAAGGCGAGUGAGGUCU CCUUGUGA	31141
4161	6869	GGAACACG G CUAGCUGG	12767	CCAGCUAG GCCGAAAGGCGAGUGAGGUCU CGUGUUCC	31142
4165	6865	CACGGCUA G CUGGUUGU	12768	ACAACCAG GCCGAAAGGCGAGUGAGGUCU UAGCCGUG	31143
4169	6861	GCUAGCUG G UUGUCUGU	12769	ACAGACAA GCCGAAAGGCGAGUGAGGUCU CAGCUAGC	31144
4172	6858	AGCUGGUU G UCUGUCUG	12770	CAGACAGA GCCGAAAGGCGAGUGAGGUCU AACCAGCU	31145
4176	6854	GGUUGUCU G UCUGCGAA	12771	UUCGCAGA GCCGAAAGGCGAGUGAGGUCU AGACAACC	31146
4180	6850	GUCUGUCU G CGAACGUU	12772	AACGUUCG GCCGAAAGGCGAGUGAGGUCU AGACAGAC	31147
4186	6844	CUGCGAAC G UUGCUUCU	12773	AGAAGCAA GCCGAAAGGCGAGUGAGGUCU GUUCGCAG	31148
4189	6841	CGAACGUU G CUUCUCUG	12774	CAGAGAAG GCCGAAAGGCGAGUGAGGUCU AACGUUCG	31149
4198	6832	CUUCUCUG G CUCAGGAA	12775	UUCCUGAG GCCGAAAGGCGAGUGAGGUCU CAGAGAAG	<del></del>
4210	6820	AGGAAUUA G CACAAUCA	12776	UGAUUGUG GCCGAAAGGCGAGUGAGGUCU UAAUUCCU	31150
		AAGGGAGA G CAGCAACA			31151
4234	6796		12777	UGUUGCUG GCCGAAAGGCGAGUGAGGUCU UCUCCCUU	31152
4237	6793	GGAGAGCA G CAACAUUC	12778	GAAUGUUG GCCGAAAGGCGAGUGAGGUCU UGCUCUCC	31153
4248	6782	ACAUUCCG G CGAUCUUC	12779	GAAGAUCG GCCGAAAGGCGAGUGAGGUCU CGGAAUGU	31154
4257	6773	CGAUCUUC G UUCCUGGA	12780	UCCAGGAA GCCGAAAGGCGAGUGAGGUCU GAAGAUCG	31155
4272	6758	GAACUUCA G CCAUCCAA	12781	UUGGAUGG GCCGAAAGGCGAGUGAGGUCU UGAAGUUC	31156
4290	6740	AGAAAAAG G UCGCGACU	12782	AGUCGCGA GCCGAAAGGCGAGUGAGGUCU CUUUUUCU	31157
4293	6737	AAAAGGUC G CGACUCCC	12783	GGGAGUCG GCCGAAAGGCGAGUGAGGUCU GACCUUUU	31158
4308	6722	CCAAGACA G CGCCUCCC	12784	GGGAGGCG GCCGAAAGGCGAGUGAGGUCU UGUCUUGG	31159
4310	6720	AAGACAGC G CCUCCCAA	12785	UUGGGAGG GCCGAAAGGCGAGUGAGGUCU GCUGUCUU	31160
4334	6696	UUUCCAAU G CCCUUCCG	12786	CGGAAGGG GCCGAAAGGCGAGUGAGGUCU AUUGGAAA	31161
4342	6688	GCCCUUCC G CUGCAUGA	12787	UCAUGCAG GCCGAAAGGCGAGUGAGGUCU GGAAGGGC	31162
4345	6685	CUUCCGCU G CAUGAGGA	12788	UCCUCAUG GCCGAAAGGCGAGUGAGGUCU AGCGGAAG	31163
4371	6659	CUCCCAUG G UCAUCACA	12789	UGUGAUGA GCCGAAAGGCGAGUGAGGUCU CAUGGGAG	31164
4389	6641	UCAAUAAG G CAAUCAAG	12790	CUUGAUUG GCCGAAAGGCGAGUGAGGUCU CUUAUUGA	31165
4398	6632	CAAUCAAG G CAAUUGUC	12791	GACAAUUG GCCGAAAGGCGAGUGAGGUCU CUUGAUUG	31166
4404	6626	AGGCAAUU G UCUGAAGA	12792	UCUUCAGA GCCGAAAGGCGAGUGAGGUCU AAUUGCCU	31167
4413	6617	UCUGAAGA G CAUCUGGC	12793	GCCAGAUG GCCGAAAGGCGAGUGAGGUCU UCUUCAGA	31168
4420	6610	AGCAUCUG G CAGUUCCU	12794	AGGAACUG GCCGAAAGGCGAGUGAGGUCU CAGAUGCU	31169
4423	6607	AUCUGGCA G UUCCUCCA	12795	UGGAGGAA GCCGAAAGGCGAGUGAGGUCU UGCCAGAU	31170
4434	6596	CCUCCAGG G CCAUUCUG	12796	CAGAAUGG GCCGAAAGGCGAGUGAGGUCU CCUGGAGG	31171
4442	6588	GCCAUUCU G UGAGCUCU	12797	AGAGCUCA GCCGAAAGGCGAGUGAGGUCU AGAAUGGC	31172
4446	6584	UUCUGUGA G CUCUUCCU	12798	AGGAAGAG GCCGAAAGGCGAGUGAGGUCU UCACAGAA	
4464	6566	CUUUCUCU G CAGUGGCC	12799	GGCCACUG GCCGAAAGGCGAGUGAGGUCU AGAGAAAG	31173
4467	6563	UCUCUGCA G UGGCCACA	12800	UGUGGCCA GCCGAAAGGCGAGUGAGGUCU UGCAGAGA	31174
4470	6560	CUGCAGUG G CCACAACG			31175
-			12801	CGUUGUGG GCCGAAAGGCGAGUGAGGUCU CACUGCAG	31176
4478	6552	GCCACAAC G UACAUGGU	12802	ACCAUGUA GCCGAAAGGCGAGUGAGGUCU GUUGUGGC	31177
4485	6545	CGUACAUG G UGUCAAGU	12803	ACUUGACA GCCGAAAGGCGAGUGAGGUCU CAUGUACG	31178
4487	6543	UACAUGGU G UCAAGUGC	12804	GCACUUGA GCCGAAAGGCGAGUGAGGUCU ACCAUGUA	31179
4492	6538	GGUGUCAA G UGCUUCCC	12805	GGGAAGCA GCCGAAAGGCGAGUGAGGUCU UUGACACC	31180
4494	6536	UGUCAAGU G CUUCCCAU	12806	AUGGGAAG GCCGAAAGGCGAGUGAGGUCU ACUUGACA	31181
4503	6527	CUUCCCAU G UCUUCCCC	12807	GGGGAAGA GCCGAAAGGCGAGUGAGGUCU AUGGGAAG	31182
4517	6513	CCCAUGAA G UGCUCAGG	12808	CCUGAGCA GCCGAAAGGCGAGUGAGGUCU UUCAUGGG	31183
4519	6511	CAUGAAGU G CUCAGGCA	12809	UGCCUGAG GCCGAAAGGCGAGUGAGGUCU ACUUCAUG	31184
4525	6505	GUGCUCAG G CAUCUUUC	12810	GAAAGAUG GCCGAAAGGCGAGUGAGGUCU CUGAGCAC	31185
4549	6481	CUCAAUGA G CCCUAUCU	12811	AGAUAGGG GCCGAAAGGCGAGUGAGGUCU UCAUUGAG	31186
4564	6466	CUGAGAAC G UUUUCCCG	12812	CGGGAAAA GCCGAAAGGCGAGUGAGGUCU GUUCUCAG	31187
4575	6455	UUCCCGAG G CGAAGUCC	12813	GGACUUCG GCCGAAAGGCGAGUGAGGUCU CUCGGGAA	31188
4580	6450	GAGGCGAA G UCCUUGAA	12814	UUCAAGGA GCCGAAAGGCGAGUGAGGUCU UUCGCCUC	31189
4590	6440	CCUUGAAC G CCUUUAGU	12815	ACUAAAGG GCCGAAAGGCGAGUGAGGUCU GUUCAAGG	31190
4597	6433	CGCCUUUA G UGCCUGGU	12816	ACCAGGCA GCCGAAAGGCGAGUGAGGUCU UAAAGGCG	31191
4599	6431	CCUUUAGU G CCUGGUGA	12817	UCACCAGG GCCGAAAGGCGAGUGAGGUCU ACUAAAGG	31192
4604	6426	AGUGCCUG G UGAUCCGA	12818	UCGGAUCA GCCGAAAGGCGAGUGAGGUCU CAGGCACU	31193
4613	6417	UGAUCCGA G UACACCCU	12819	AGGGUGUA GCCGAAAGGCGAGUGAGGUCU UCGGAUCA	31194
4623	6407	ACACCCUG G CGUCAAUC	12820	GAUUGACG GCCGAAAGGCGAGUGAGGUCU CAGGGUGU	31194
4625	6405	ACCCUGGC G UCAAUCCA	12821	UGGAUUGA GCCGAAAGGCGAGUGAGGUCU GCCAGGGU	31195
4634	6396	UCAAUCCA G CGCGGCCU	12822	AGGCCGCG GCCGAAAGGCGAGUGAGGUCU UGGAUUGA	
4636	6394	AAUCCAGC G CGGCCUCA	12823	UGAGGCCG GCCGAAAGGCGAGUGAGGUCU GCUGGAUU	31197
4639	6391	CCAGCGCG G CCUCAGAA	12824	UUCUGAGG GCCGAAAGGCGAGUGAGGUCU CGCGCUGG	31198
4663	6367	UUCACCAA G CUUCGUGA	12825		31199
ليتنا	0307	TOUCOUR & COUCOUGA	14845	UCACGAAG GCCGAAAGGCGAGUGAGGUCU UUGGUGAA	31200

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			1.2.2.		24.004
4668	6362	CAAGCUUC G UGAUGACU	12826	AGUCAUCA GCCGAAAGGCGAGUGAGGUCU GAAGCUUG	31201
4685	6345	UCCACUUC G UUGUUGUC	12827	GACAACAA GCCGAAAGGCGAGUGAGGUCU GAAGUGGA	31202
4688	6342	ACUUCGUU G UUGUCUUC	12828	GAAGACAA GCCGAAAGGCGAGUGAGGUCU AACGAAGU	31203
4691	6339	UCGUUGUU G UCUUCUAA	12829	UUAGAAGA GCCGAAAGGCGAGUGAGGUCU AACAACGA	31204
4704	6326	CUAAAAUU G UGUUUGUC	12830	GACAAACA GCCGAAAGGCGAGUGAGGUCU AAUUUUAG	31205
4706	6324	AAAAUUGU G UUUGUCCU	12831	AGGACAAA GCCGAAAGGCGAGUGAGGUCU ACAAUUUU	31206
4710	6320	UUGUGUUU G UCCUAGGA	12832	UCCUAGGA GCCGAAAGGCGAGUGAGGUCU AAACACAA	31207
4727	6303	CCAUCAAA G CACCACCU	12833	AGGUGGUG GCCGAAAGGCGAGUGAGGUCU UUUGAUGG	31208
4739	6291	CACCUCCG G UCGUGGUA	12834	UACCACGA GCCGAAAGGCGAGUGAGGUCU CGGAGGUG	31209
4742	6288	CUCCGGUC G UGGUAUGA	12835	UCAUACCA GCCGAAAGGCGAGUGAGGUCU GACCGGAG	31210
4745	6285	CGGUCGUG G VAUGACAC	12836	GUGUCAUA GCCGAAAGGCGAGUGAGGUCU CACGACCG	31211
4758	6272	ACACUCCA G CCGCUGCA	12837	UGCAGCGG GCCGAAAGGCGAGUGAGGUCU UGGAGUGU	31212
$\vdash$			_		
4761	6269	CUCCAGCC G CUGCAACC	12838	GGUUGCAG GCCGAAAGGCGAGUGAGGUCU GGCUGGAG	31213
4764	6266	CAGCCGCU G CAACCUUG	12839	CAAGGUUG GCCGAAAGGCGAGUGAGGUCU AGCGGCUG	
4772	6258	GCAACCUU G UAAGCCAG	12840	CUGGCUUA GCCGAAAGGCGAGUGAGGUCU AAGGUUGC	31215
4776	6254	CCUUGUAA G CCAGCCAA	12841	UUGGCUGG GCCGAAAGGCGAGUGAGGUCU UUACAAGG	31216
4780	6250	GUAAGCCA G CCAAACUG	12842	CAGUUUGG GCCGAAAGGCGAGUGAGGUCU UGGCUUAC	31217
4789	6241	CCAAACUG G CAGAUCUG	12843	CAGAUCUG GCCGAAAGGCGAGUGAGGUCU CAGUUUGG	31218
4797	6233	GCAGAUCU G CAGUCCUC	12844	GAGGACUG GCCGAAAGGCGAGUGAGGUCU AGAUCUGC	31219
4800	6230	GAUCUGCA G UCCUCAAC	12845	GUUGAGGA GCCGAAAGGCGAGUGAGGUCU UGCAGAUC	31220
4810	6220	CCUCAACA G UUCCAGAA	12846	UUCUGGAA GCCGAAAGGCGAGUGAGGUCU UGUUGAGG	31221
4820	6210	UCCAGAAA G UUUUUUCU	12847	AGAAAAA GCCGAAAGGCGAGUGAGGUCU UUUCUGGA	31222
4843	6187	UCCUCUGA G CCGGUAUU	12848	AAUACCGG GCCGAAAGGCGAGUGAGGUCU UCAGAGGA	31223
4847	6183	CUGAGCCG G UAUUCCCC	12849	GGGGAAUA GCCGAAAGGCGAGUGAGGUCU CGGCUCAG	31224
4863	6167	CAUCCAUG G UAUAUACC	12850	GGUAUAUA GCCGAAAGGCGAGUGAGGUCU CAUGGAUG	31225
4879	6151	CUUCUCAC G CUCUGGUU	12851	AACCAGAG GCCGAAAGGCGAGUGAGGUCU GUGAGAAG	31226
4885	6145	ACGCUCUG G UUGGUAGA	12852	UCUACCAA GCCGAAAGGCGAGUGAGGUCU CAGAGCGU	31227
<del></del>			12853	CAAUUCUA GCCGAAAGGCGAGUGAGGUCU CAACCAGA	
4889	6141	UCUGGUUG G UAGAAUUG AGAAUUGA G CGAUCAGU		ACUGAUCG GCCGAAAGGCGAGUGAGGUCU UCAAUUCU	31228
4899	6131		12854		31229
4906	6124	AGCGAUCA G UCCGUUUG	12855	CAAACGGA GCCGAAAGGCGAGUGAGGUCU UGAUCGCU	31230
4910	6120	AUCAGUCC G UUUGGCAU	12856	AUGCCAAA GCCGAAAGGCGAGUGAGGUCU GGACUGAU	31231
4915	6115	UCCGUUUG G CAUGUUGA	12857	UCAACAUG GCCGAAAGGCGAGUGAGGUCU CAAACGGA	31232
4919	6111	UUUGGCAU G UUGAUGUU	12858	AACAUCAA GCCGAAAGGCGAGUGAGGUCU AUGCCAAA	31233
4925	6105	AUGUUGAU G UUGUCCAG	12859	CUGGACAA GCCGAAAGGCGAGUGAGGUCU AUCAACAU	31234
4928	6102	UUGAUGUU G UCCAGCAU	12860	AUGCUGGA GCCGAAAGGCGAGUGAGGUCU AACAUCAA	31235
4933	6097	GUUGUCCA G CAUGAUUC	12861	GAAUCAUG GCCGAAAGGCGAGUGAGGUCU UGGACAAC	31236
4942	6088	CAUGAUUC G UGCCUCAG	12862	CUGAGGCA GCCGAAAGGCGAGUGAGGUCU GAAUCAUG	31237
4944	60B6	UGAUUCGU G CCUCAGUC	12863	GACUGAGG GCCGAAAGGCGAGUGAGGUCU ACGAAUCA	31238
4950	6080	GUGCCUCA G UCCAAUGG	12864	CCAUUGGA GCCGAAAGGCGAGUGAGGUCU UGAGGCAC	31239
4959	6071	UCCAAUGG G CGAAGUUC	12865	GAACUUCG GCCGAAAGGCGAGUGAGGUCU CCAUUGGA	31240
4964	6066	UGGGCGAA G UUCGAGUC	12866	GACUCGAA GCCGAAAGGCGAGUGAGGUCU UUCGCCCA	31241
4970	6060	AAGUUCGA G UCGUCUUC	12867	GAAGACGA GCCGAAAGGCGAGUGAGGUCU UCGAACUU	31242
4973	6057	UUCGAGUC G UCUUCAUU	12868	AAUGAAGA GCCGAAAGGCGAGUGAGGUCU GACUCGAA	31243
4983	6047	CUUCAUUC G UGUGCCCC	12869	GGGGCACA GCCGAAAGGCGAGUGAGGUCU GAAUGAAG	31244
4985	6045	UCAUUCGU G UGCCCCC	12870	GGGGGCA GCCGAAAGCGAGUGAGGUCU ACGAAUGA	31245
4987	6043	AUUCGUGU G CCCCCAU	12871		31245
			12872		
5000	6030	CCAUAACA G UACUCAUC		GAUGAGUA GCCGAAAGGCGAGUGAGGUCU UGUUAUGG	31247
5017	6013	ACCAACUU G CGACGGAU	12873	AUCCGUCG GCCGAAAGGCGAGUGAGGUCU AAGUUGGU	31248
5038	5992	ACCGAUAC G UCCACGUC	12874	GACGUGGA GCCGAAAGGCGAGUGAGGUCU GUAUCGGU	31249
5044	5986	ACGUCCAC G UCUCUGGG	12875	CCCAGAGA GCCGAAAGGCGAGUGAGGUCU GUGGACGU	31250
5052	5978	GUCUCUGG G CGGCACUA	12876	UAGUGCCG GCCGAAAGGCGAGUGAGGUCU CCAGAGAC	31251
5055	5975	UCUGGGCG G CACUAGCU	12877		31252
5061	5969	CGGCACUA G CUGCUGUC	12878	GACAGCAG GCCGAAAGGCGAGUGAGGUCU UAGUGCCG	31253
5064	5966	CACUAGCU G CUGUCACU	12879	AGUGACAG GCCGAAAGGCGAGUGAGGUCU AGCUAGUG	31254
5067	5963	UAGCUGCU G UCACUGCA	12880	UGCAGUGA GCCGAAAGGCGAGUGAGGUCU AGCAGCUA	31255
5073	5957	CUGUCACU G CAGAUGGU	12881	ACCAUCUG GCCGAAAGGCGAGUGAGGUCU AGUGACAG	31256
5080	5950	UGCAGAUG G UUCUCCCA	12882	UGGGAGAA GCCGAAAGGCGAGUGAGGUCU CAUCUGCA	31257
5112	5918	CUCCUUCU G UUAUGAUG	12883	CAUCAUAA GCCGAAAGGCGAGUGAGGUCU AGAAGGAG	31258
5121	5909	UUAUGAUG G UUGGUUUC	12884	GAAACCAA GCCGAAAGGCGAGUGAGGUCU CAUCAUAA	31259
5125	5905	GAUGGUUG G UUUCACAC	12885	GUGUGAAA GCCGAAAGGCGAGUGAGGUCU CAACCAUC	<del></del>
5141	5889	CUCUUCCG G CUGUCAAU			31260
5144	5886	UUCCGGCU G UCAAUCAC	12886	AUUGACAG GCCGAAAGGCGAGUGAGGUCU CGGAAGAG	31261
2144	2080	DUCCGGCU G UCAAUCAC	12887	GUGAUUGA GCCGAAAGGCGAGUGAGGUCU AGCCGGAA	31262

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53561	5074	AUCACCCU G CUCGCCUU	12888	AAGGCGAG GCCGAAAGGCGAGUGAGGUCU AGGGUGAU	31263
5156	5874			CUUCAAGG GCCGAAAGGCGAGUGAGGUCU GAGCAGGG	31264
5160	5870	CCCUGCUC G CCUUGAAG	12889	GGGGCUAA GCCGAAAGGCGAGUGAGGUCU UUCAAGGC	31265
5168	5862	GCCUUGAA G UUAGCCCC	12890		
5172	5858	UGAAGUUA G CCCCCAUU	12891	AAUGGGG GCCGAAAGGCGAGUGAGGUCU UAACUUCA	31266
5189	5841	UCAGAUAU G UCUGUUGU	12892	ACAACAGA GCCGAAAGGCGAGUGAGGUCU AUAUCUGA	31267
5193	5837	AUAUGUCU G UUGUGAUA	12893	UAUCACAA GCCGAAAGGCGAGUGAGGUCU AGACAUAU	31268
5196	5834	UGUCUGUU G UGAUAACA	12894	UGUUAUCA GCCGAAAGGCGAGUGAGGUCU AACAGACA	31269
5207	5823	AUAACAAA G UCCCAAUC	12895	GAUUGGGA GCCGAAAGGCGAGUGAGGUCU UUUGUUAU	31270
5219	5811	CAAUCAUC G UUCUUACA	12896	UGUAAGAA GCCGAAAGGCGAGUGAGGUCU GAUGAUUG	31271
5234	5796	CAUUUUGG G UACUCCGU	12897	ACGGAGUA GCCGAAAGGCGAGUGAGGUCU CCAAAAUG	31272
5241	5789	GGUACUCC G UCUCGUAC	12898	GUACGAGA GCCGAAAGGCGAGUGAGGUCU GGAGUACC	31273
5246	5784	UCCGUCUC G UACGACUU	12899	AAGUCGUA GCCGAAAGGCGAGUGAGGUCU GAGACGGA	31274
5258	5772	GACUUUCU G UUCAAUUG	12900	CAAUUGAA GCCGAAAGGCGAGUGAGGUCU AGAAAGUC	31275
5283	5747	UCUUUCCA G CACGUUGU	12901	ACAACGUG GCCGAAAGGCGAGUGAGGUCU UGGAAAGA	31276
5287	5743	UCCAGCAC G UUGUAGGC	12902	GCCUACAA GCCGAAAGGCGAGUGAGGUCU GUGCUGGA	31277
5290	5740	AGCACGUU G UAGGCAAA	12903	UUUGCCUA GCCGAAAGGCGAGUGAGGUCU AACGUGCU	31278
5294	5736	CGUUGUAG G CAAAGGGC	12904	GCCCUUUG GCCGAAAGGCGAGUGAGGUCU CUACAACG	31279
5301	5729	GGCAAAGG G CAAUCUCA	12905	UGAGAUUG GCCGAAAGGCGAGUGAGGUCU CCUUUGCC	31280
		GACACUAG G CACAAACC	12906	GGUUUGUG GCCGAAAGGCGAGUGAGGUCU CUAGUGUC	31281
5329	5701		12906	CGGGAAGA GCCGAAAGGCGAGUGAGGUCU GGUUUGGU	31282
5343	5687	ACCAAACC G UCUUCCCG		AGAAUACA GCCGAAAGGCGAGUGAGGUCU CGGGAAGA	31282
5352	5678	UCUUCCG G UGUAUUCU	12908	ACAGAAUA GCCGAAAGGCGAGUGAGGUCU CGGGAAGA ACAGAAUA GCCGAAAGGCGAGUGAGGUCU ACCGGGAA	31283
5354	5676	UUCCCGGU G UAUUCUGU	12909		
5361	5669	UGUAUUCU G UGAUCCAU	12910	AUGGAUCA GCCGAAAGGCGAGUGAGGUCU AGAAUACA	31285
5372	5658	AUCCAUUC G UAUCCAGA	12911	UCUGGAUA GCCGAAAGGCGAGUGAGGUCU GAAUGGAU	31286
5381	5649	UAUCCAGA G UUCCAAGC	12912	GCUUGGAA GCCGAAAGGCGAGUGAGGUCU UCUGGAUA	31287
5388	5642	AGUUCCAA G CUCGAUCC	12913	GGAUCGAG GCCGAAAGGCGAGUGAGGUCU UUGGAACU	31288
5406	5624	GGAUCUCA G UCUGUAAG	12914	CUUACAGA GCCGAAAGGCGAGUGAGGUCU UGAGAUCC	31289
5410	5620	CUCAGUCU G UAAGUCGG	12915	CCGACUUA GCCGAAAGGCGAGUGAGGUCU AGACUGAG	31290
5414	5616	GUCUGUAA G UCGGAAAU	12916	AUUUCCGA GCCGAAAGGCGAGUGAGGUCU UUACAGAC	31291
5425	5605	GGAAAUUG G UGAAUUGG	12917	CCAAUUCA GCCGAAAGGCGAGUGAGGUCU CAAUUUCC	31292
5454	5576	GAUCUGAA G UGCCUGGU	12918	ACCAGGCA GCCGAAAGGCGAGUGAGGUCU UUCAGAUC	31293
5456	5574	UCUGAAGU G CCUGGUGG	12919	CCACCAGG GCCGAAAGGCGAGUGAGGUCU ACUUCAGA	31294
5461	5569	AGUGCCUG G UGGGGUGG	12920	CCACCCA GCCGAAAGGCGAGUGAGGUCU CAGGCACU	31295
5466	5564	CUGGUGGG G UGGCUGUC	12921	GACAGCCA GCCGAAAGGCGAGUGAGGUCU CCCACCAG	31296
5469	5561	GUGGGGUG G CUGUCAUG	12922	CAUGACAG GCCGAAAGGCGAGUGAGGUCU CACCCCAC	31297
5472	5558	GGGUGGCU G UCAUGAAU	12923	AUUCAUGA GCCGAAAGGCGAGUGAGGUCU AGCCACCC	31298
5484	5546	UGAAUAUU G CCGCCGCC	12924	GGCGGCGG GCCGAAAGGCGAGUGAGGUCU AAUAUUCA	31299
5487	5543	AUAUUGCC G CCGCCUCC	12925	GGAGGCGG GCCGAAAGGCGAGUGAGGUCU GGCAAUAU	31300
5490	5540	UUGCCGCC G CCUCCCCU	12926	AGGGGAGG GCCGAAAGGCGAGUGAGGUCU GGCGGCAA	31301
5500	5530	CUCCCCUA G CUCGACCU	12927	AGGUCGAG GCCGAAAGGCGAGUGAGGUCU UAGGGGAG	31302
5511	5519	CGACCUUU G UGGAAAUG	12928	CAUUUCCA GCGAAAGGCGAGUGAGGUCU AAAGGUCG	31303
		GUGGAAAU G UAACCUCU	12929	AGAGGUUA GCCGAAAGGCGAGUGAGGUCU AUUUCCAC	31304
5519	5511		+	CAUUGCAG GCCGAAAGGCGAGUGAGGUCU AAGAGGUU	31305
5529	5501	AACCUCUU G CUGCAAUG	12930	UAGCAUUG GCCGAAAGGCGAGUGAGGUCU AAGAGGUU UAGCAUUG GCCGAAAGGCGAGUGAGGUCU AGCAAGAG	31305
5532	5498	CUCUUGCU G CAAUGCUA	12931		
5537	5493	GCUGCAAU G CUAGCUGG	12932		31307
5541	5489	CAAUGCUA G CUGGGUCG	12933	<u> </u>	31308
5546	5484	CUAGCUGG G UCGGUGAA	12934		31309
5550	5480	CUGGGUCG G UGAAAUGA	12935	UCAUUUCA GCCGAAAGGCGAGUGAGGUCU CGACCCAG	31310
5559	5471	UGAAAUGA G CCUCAUCC	12936		31311
5579	5451	ACGAACAG G UUGUAGUU	12937		31312
5582	544B	AACAGGUU G UAGUUCGG	12938		31313
5585	5445	AGGUUGUA G UUCGGCAC	12939		31314
5590	5440	GUAGUUCG G CACCCUGU	12940	<u></u>	31315
5597	5433	GGCACCCU G UGAGGAGA	12941	UCUCCUCA GCCGAAAGGCGAGUGAGGUCU AGGGUGCC	31316
5611	5419	AGACAUCA G CCUGUGGG	12942	CCCACAGG GCCGAAAGGCGAGUGAGGUCU UGAUGUCU	31317
5615	5415	AUCAGCCU G UGGGUGAG	12943	CUCACCCA GCCGAAAGGCGAGUGAGGUCU AGGCUGAU	31318
5619	5411	GCCUGUGG G UGAGGGUA	12944	UACCCUCA GCCGAAAGGCGAGUGAGGUCU CCACAGGC	31319
5625	5405	GGGUGAGG G UAGCAUGA	12945	UCAUGCUA GCCGAAAGGCGAGUGAGGUCU CCUCACCC	31320
.5628	5402	UGAGGGUA G CAUGACAC	12946		31321
5665	5365	UCCAUUAU G UUCUCUGG	12947		31322
5674	5356	UUCUCUGG G CACUGCGG	12948	<del></del>	31323
5679	5351	UGGGCACU G CGGAUGUC	12949		31324

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		CUGCGGAU G UCUGGUAC	12950	GUACCAGA GCCGAAAGGCGAGUGAGGUCU AUCCGCAG	31325
5685	5345		12951	AUCCGGUA GCCGAAAGGCGAGUGAGGUCU CAGACAUC	31326
5690	5340	GAUGUCUG G UACCGGAU	12952	GAGGACUG GCCGAAAGGCGAGUGAGGUCU CCAUCCGG	31327
5701	5329	CCGGAUGG G CAGUCCUC	12953	UGAGAGGA GCCGAAAGGCGAGUGAGGUCU UGCCCAUC	31328
5704	5326	GAUGGGCA G UCCUCUCA	12954	CUGAAGCA GCCGAAAGCCGAGUGAGGUCU UGAGAGGA	31329
5713	5317	UCCUCUCA G UGCUUCAG	12955	GGCUGAAG GCCGAAAGGCGAGUGAGGUCU ACUGAGAG	31330
5715	5315	CUCUCAGU G CUUCAGCC		UGAGAUGG GCCGAAAGGCGAGUGAGGUCU UGAAGCAC	31331
5721	5309	GUGCUUCA G CCAUCUCA	12956	UGUGGCUG GCCGAAAGGCGAGUGAGGUCU UGAGAUGG	31332
5730	5300	CCAUCUCA G CAGCCACA	12957	GGUUGUGG GCCGAAAGGCGAGUGAGGUCU UGCUGAGA	31333
5733	5297	UCUCAGCA G CCACAACC	12958	AGCACCAA GCCGAAAGGCGAGUGAGGUCU CAGGGUUG	31334
5745	5285	CAACCCUG G UUGGUGCU	12959	UGCUAGCA GCCGAAAGGCGAGUGAGGUCU CAACCAGG	31335
5749	5281	CCUGGUUG G UGCUAGCA	12960	CGUGCUAG GCCGAAAGGCGAGUGAGGUCU ACCAACCA	31336
5751	5279	UGGUUGGU G CUAGCACG	12961	CAGCCGUG GCCGAAAGGCGAGUGAGGUCU UAGCACCA	31337
5755	5275	UGGUGCUA G CACGGCUG	12963	GAGAACAG GCCGAAAGGCGAGUGAGGUCU CGUGCUAG	31338
5760	5270	CUAGCACG G CUGUUCUC	12964	ACUGAGAA GCCGAAAGGCGAGUGAGGUCU AGCCGUGC	31339
5763	5267	GCACGGCU G UUCUCAGU	12965	ACAGAAGA GCCGAAAGGCGAGUGAGGUCU UGAGAACA	31340
5770	5260	AGUCUUCU G UUUAUGGC	12966	GCCAUAAA GCCGAAAGGCGAGUGAGGUCU AGAAGACU	31341
5777	5253		12967	CAAAGAGG GCCGAAAGGCGAGUGAGGUCU CAUAAACA	31342
5784	5246	UGUUUAUG G CCUCUUUG	12968	UUCUGCCA GCCGAAAGGCGAGUGAGGUCU AGAUCAUC	31343
5800	5230	GAUGAUCU G UGGCAGAA	12969	GGAUUCUG GCCGAAAGGCGAGUGAGGUCU CACAGAUC	31344
5803	5227	GAUCUGUG G CAGAAUCC UCCUCCUU G UUUUACCG	12969	CGGUAAAA GCCGAAAGGCGAGUGAGGUCU AAGGAGGA	31345
5817	5213	\	12970	UCCCGGCG GCCGAAAGGCGAGUGAGGUCU CGGUAAAA	31346
5826	5204	UUUUACCG G CGCCGGAUG	12971	CAUCCGG GCCGAAAGGCGAGUGAGGUCU GCCGGUAA	31347
5828	5202	GAGAUCCA G UACAGUGA	12973	UCACUGUA GCCGAAAGGCGAGUGAGGUCU UGGAUCUC	31348
5845	5185	CCAGUACA G UGAUCUGU	12974	ACAGAUCA GCCGAAAGGCGAGUGAGGUCU UGUACUGG	31349
5850	5180	AGUGAUCU G UUUUUUCC	12975	GGAAAAA GCCGAAAGGCGAGUGAGGUCU AGAUCACU	31350
5857	5173	UUUCCUCA G CAUCUCAG	12976	CUGAGAUG GCCGAAAGGCGAGUGAGGUCU UGAGGAAA	31351
5869	5161	CAUCUCAG G UUCGAAUC	12977	GAUUCGAA GCCGAAAGGCGAGUGAGGUCU CUQAGAUG	31352
5878	5152 5141	CGAAUCCG G CUGGGAUU	12978	AAUCCCAG GCCGAAAGGCGAGUGAGGUCU CGGAUUCG	31353
5889	5131	UGGGAUUG G CUCAUCCA	12979	UGGAUGAG GCCGAAAGGCGAGUGAGGUCU CAAUCCCA	31354
5920	5110	UUCACCCU G CACUAUCG	12980	CGAUAGUG GCCGAAAGGCGAGUGAGGUCU AGGGUGAA	31355
5928	5110	GCACUAUC G CGCUUAUG	12981	CAUAAGCG GCCGAAAGGCGAGUGAGGUCU GAUAGUGC	31356
5930	5102	ACUAUCGC G CUUAUGUA	12982	UACAUAAG GCCGAAAGGCGAGUGAGGUCU GCGAUAGU	31357
5936	5094	GCGCUUAU G UAUGAGCC	12983	GGCUCAUA GCCGAAAGGCGAGUGAGGUCU AUAAGCGC	31358
5942	5088	AUGUAUGA G CCGUUGGG	12984	CCCAACGG GCCGAAAGGCGAGUGAGGUCU UCAUACAU	31359
5945	5085	UAUGAGCC G UUGGGCAU	12985	AUGCCCAA GCCGAAAGGCGAGUGAGGUCU GGCUCAUA	31360
5950	5080	GCCGUUGG G CAUUAUGA	12986	UCAUAAUG GCCGAAAGGCGAGUGAGGUCU CCAACGGC	31361
5966	5064	ACUCCAUU G CCAUAAAG	12987	CUUUAUGG GCCGAAAGGCGAGUGAGGUCU AAUGGAGU	31362
5974	5056	GCCAUAAA G CCCAAUCA	12988	UGAUUGGG GCCGAAAGGCGAGUGAGGUCU UUUAUGGC	31363
5990	5040	ACAUCACC G UUUUUGUC	12989	GACAAAAA GCCGAAAGGCGAGUGAGGUCU GGUGAUGU	31364
5996	5034	CCGUUUUU G UCCACUAU	12990	AUAGUGGA GCCGAAAGGCGAGUGAGGUCU AAAAACGG	31365
6007	5023	CACUAUUG G UGAGCCUG	12991	CAGGCUCA GCCGAAAGGCGAGUGAGGUCU CAAUAGUG	31366
6011	5019	AUUGGUGA G CCUGAUGU	12992	ACAUCAGG GCCGAAAGGCGAGUGAGGUCU UCACCAAU	31367
6018	5012	AGCCUGAU G UUCCAGUG	12993	CACUGGAA GCCGAAAGGCGAGUGAGGUCU AUCAGGCU	31368
6024	5006	AUGUUCCA G UGGGGAAG	12994		31369
6032	4998	GUGGGGAA G UCCAAAGU	12995	<del> </del>	31370
6039	4991	AGUCCAAA G UCACGGCC	12996		31371
6045	4985	AAGUCACG G CCCCGAUU	12997		31372
6064	4966	UCCUUCAG G UGUUUUGA	12998		31373
6066	4964	CUUCAGGU G UUUUGAAC	12999		31374
6082	4948	CACCCCUG G UUUCGUCU	13000		31375
6087	4943	CUGGUUUC G UCUGGACG	13001		31376
6095	4935	GUCUGGAC G UUCUUAAC	13002		31377
6104	4926	UUCUUAAC G UUCUUGCC	13003		31378
6110	4920	ACGUUCUU G CCAGGUUC	13004		31379
6115	4915	CUUGCCAG G UUCCACCA	13005		31380
6133	4897	AAUCAUCU G CACCUCAU	13006		31381
6145	4885	CUCAUCCU G CCCGUUCC	13007	GGAACGGG GCCGAAAGGCGAGUGAGGUCU AGGAUGAG	31382
6149	4881	UCCUGCCC G UUCCACUU	13008		31383
6158	4872	UUCCACUU G UGCUGCAA	13009		31384
6160	4870	CCACUUGU G CUGCAAUU	13010	AAUUGCAG GCCGAAAGGCGAGUGAGGUCU ACAAGUGG	31385
6163	4867	CUUGUGCU G CAAUUUCC	13011	GGAAAUUG GCCGAAAGGCGAGUGAGGUCU AGCACAAG	31386

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	6175	4855	UUUCCAGG G UCCUCCGU	13012	ACGGAGGA GCCGAAAGGCGAGUGAGGUCU CCUGGAAA	31387
	6182	4848	GGUCCUCC G UAACAAAG	13013	CUUUGUUA GCCGAAAGGCGAGUGAGGUCU GGAGGACC	31388
	6190	4840	GUAACAAA G UCGAUCCU	13014	AGGAUCGA GCCGAAAGGCGAGUGAGGUCU UUUGUUAC	31389
	6209	4821	UUGACACU G CCCCAGUA	13015	UACUGGGG GCCGAAAGGCGAGUGAGGUCU AGUGUCAA	31390
	6215	4815	CUGCCCCA G UAUGGGUC	13016	GACCCAUA GCCGAAAGGCGAGUGAGGUCU UGGGGCAG	31391
	6221	4809	CAGUAUGG G UCCAGGCG	13017	CGCCUGGA GCCGAAAGGCGAGUGAGGUCU CCAUACUG	31392
	6227	4803	GGGUCCAG G CGGCCCUC		GAGGGCCG GCCGAAAGGCGAGUGAGGUCU CUGGACCC	
				13018		31393
	6230	4800	UCCAGGCG G CCCUCUCC	13019	GGAGAGGG GCCGAAAGGCGAGUGAGGUCU CGCCUGGA	31394
	6239	4791	CCCUCUCC G CUCAUCAA	13020	UUGAUGAG GCCGAAAGGCGAGUGAGGUCU GGAGAGGG	31395
	6249	4781	UCAUCAAA G CGGCUCCU	13021	AGGAGCCG GCCGAAAGGCGAGUGAGGUCU UUUGAUGA	31396
	6252	4778	UCAAAGCG G CUCCUUUU	13022	AAAAGGAG GCCGAAAGGCGAGUGAGGUCU CGCUUUGA	31397
	6261	4769	CUCCUUUU G UUGUAUGC	13023	GCAUACAA GCCGAAAGGCGAGUGAGGUCU AAAAGGAG	31398
	6264	4766	CUUUUGUU G UAUGCCAA	13024	UUGGCAUA GCCGAAAGGCGAGUGAGGUCU AACAAAAG	31399
	6268	4762	UGUUGUAU G CCAAAGGG	13025	CCCUUUGG GCCGAAAGGCGAGUGAGGUCU AUACAACA	31400
	6276	4754	GCCAAAGG G UGUGGAAA	13026	UUUCCACA GCCGAAAGGCGAGUGAGGUCU CCUUUGGC	31401
	6278	4752	CAAAGGGU G UGGAAAAC	13027	GUUUUCCA GCCGAAAGGCGAGUGAGGUCU ACCCUUUG	31402
	6302	4728	ACCAUCAC G CCCGCUCC	13028	GGAGCGGG GCCGAAAGGCGAGUGAGGUCU GUGAUGGU	31403
	6306	4724	UCACGCCC G CUCCUGCU	13029	AGCAGGAG GCCGAAAGGCGAGUGAGGUCU GGGCGUGA	31404
	6312	4718	CCGCUCCU G CUUGAUAA	13030	UUAUCAAG GCCGAAAGGCGAGUGAGGUCU AGGAGCGG	31405
	6323	4707	UGAUAACU G CCGAGCAG	13031	CUGCUCGG GCCGAAAGGCGAGUGAGGUCU AGUUAUCA	31406
	6328	4702	ACUGCCGA G CAGCCCAC	13032	GUGGGCUG GCCGAAAGGCGAGUGAGGUCU UCGGCAGU	31407
	6331	4699	GCCGAGCA G CCCACGAG	13033	CUCGUGGG GCCGAAAGGCGAGUGAGGUCU UGCUCGGC	31408
	6339	4691	GCCCACGA G UCAUGAUC	13034	GAUCAUGA GCCGAAAGGCGAGUGAGGUCU UCGUGGGC	31409
	6350	4680	AUGAUCCU G UAGACGCC	13035	GGCGUCUA GCCGAAAGGCGAGUGAGGUCU AGGAUCAU	31410
	6356	4674	CUGUAGAC G CCGGUGGU	13036	ACCACCGG GCCGAAAGGCGAGUGAGGUCU GUCUACAG	31411
	6360	4670	AGACGCCG G UGGUCGUG	13037	CACGACCA GCCGAAAGGCGAGUGAGGUCU CGGCGUCU	31412
	6363	4667	CGCCGGUG G UCGUGUCC	13037	GGACACGA GCCGAAAGGCGAGUGAGGUCU CACCGGCG	
	6366	4664	CGGUGGUC G UGUCCCCC	13039	GGGGGACA GCCGAAAGGCGAGUGAGGUCU GACCACCG	31413
	6368	4662	GUGGUCGU G UCCCCCUU	13040		31414
	6380	4650			AAGGGGGA GCCGAAAGGCGAGUGAGGUCU ACGACCAC	31415
	6391	4639	CCCUUUUU G UACUCCUU	13041	AAGGAGUA GCCGAAAGGCGAGUGAGGUCU AAAAAGGG	31416
			CUCCUUUG G UGAGGGAG	13042	CUCCCUCA GCCGAAAGGCGAGUGAGGUCU CAAAGGAG	31417
	6399	4631	GUGAGGGA G UGUCCCAC	13043	GUGGGACA GCCGAAAGGCGAGUGAGGUCU UCCCUCAC	31418
	6401	4629	GAGGGAGU G UCCCACAA	13044	UUGUGGGA GCCGAAAGGCGAGUGAGGUCU ACUCCCUC	31419
	6413	4617	CACAACAC G CCUCCUCU	13045	AGAGGAGG GCCGAAAGGCGAGUGAGGUCU GUGUUGUG	31420
	6426	4604	CUCUCUUU G UGUAUUGG	13046	CCAAUACA GCCGAAAGGCGAGUGAGGUCU AAAGAGAG	31421
11-2-29-	6428	4602	CUCUUUGU G UAUUGGAG	13047	CUCCAAUA GCCGAAAGGCGAGUGAGGUCU ACAAAGAG	31422
	6438	4592	AUUGGAGA G UUAUCCAA	13048	UUGGAUAA GCCGAAAGGCGAGUGAGGUCU UCUCCAAU	31423
	6463	4567	UACUGAGG G CAAGAUUG	13049	CAAUCUUG GCCGAAAGGCGAGUGAGGUCU CCUCAGUA	31424
	6471	4559	GCAAGAUU G CCCAGGGG	13050	CCCCUGGG GCCGAAAGGCGAGUGAGGUCU AAUCUUGC	31425
	6480	4550	CCCAGGGG G UGUACGCA	13051	UGCGUACA GCCGAAAGGCGAGUGAGGUCU CCCCUGGG	31426
્રે ન	6482	4548	CAGGGGGU G UACGCACU	13052	AGUGCGUA GCCGAAAGGCGAGUGAGGUCU ACCCCCUG	31427
	6486	4544	GGGUGUAC G CACUAAUC	13053	GAUUAGUG GCCGAAAGGCGAGUGAGGUCU GUACACCC	31428
	6495	4535	CACUAAUC G CGAGACAG	13054	CUGUCUCG GCCGAAAGGCGAGUGAGGUCU GAUUAGUG	31429
	6514	4516	CAUUCUGA G CAUCCAUA	13055	UAUGGAUG GCCGAAAGGCGAGUGAGGUCU UCAGAAUG	31430
	6532	4498	CUUCCAAG G UGCUCCUG	13056	CAGGAGCA GCCGAAAGGCGAGUGAGGUCU CUUGGAAG	31431
	6534	4496	UCCAAGGU G CUCCUGGA	13057	UCCAGGAG GCCGAAAGGCGAGUGAGGUCU ACCUUGGA	31432
	6553	4477	AUUCAUGA G CUGGAAGU	13058	ACUUCCAG GCCGAAAGGCGAGUGAGGUCU UCAUGAAU	31433
	6560	4470	AGCUGGAA G UUUCCAUC	13059	GAUGGAAA GCCGAAAGGCGAGUGAGGUCU UUCCAGCU	31434
	6577	4453	AUCAUCAA G CCGCACAU	13060	AUGUGCGG GCCGAAAGGCGAGUGAGGUCU UUGAUGAU	31435
	6580	4450	AUCAAGCC G CACAUCAA	13061	UUGAUGUG GCCGAAAGGCGAGUGAGGUCU GGCUUGAU	31436
	6596	4434	ACUCUUUC G CUCGAGCC	13062	GGCUCGAG GCCGAAAGGCGAGUGAGGUCU GAAAGAGU	31437
	6602	4428	UCGCUCGA G CCUGUAAU	13063	AUUACAGG GCCGAAAGGCGAGUGAGGUCU UCGAGCGA	31438
	6606	4424	UCGAGCCU G UAAUUUCU	13064	AGAAAUUA GCCGAAAGGCGAGUGAGGUCU AGGCUCGA	31439
	6615	4415	UAAUUUCU G CAUCACUU	13065	AAGUGAUG GCCGAAAGGCGAGUGAGGUCU AGAAAUUA	31440
• •	6635	4395	CAGGAAAU G UCCGCCGU	13066	ACGGCGGA GCCGAAAGGCGAGUGAGGUCU AUUUCCUG	
	6639	4391	AAAUGUCC G CCGUUCUC	13067	GAGAACGG GCCGAAAGGCGAGUGAGGUCU GGACAUUU	31441
	6642	4388	UGUCCGCC G UUCUCUCA	13067	UGAGAGAA GCCGAAAGGCGAGUGAGGUCU GGCGGACA	31442
	6663	4367	ACAUAUCU G UUGAUUUC	13069		31443
	6687	4343	UCACGAAA G CAGCAAAC		GAAAUCAA GCCGAAAGGCGAGUGAGGUCU AGAUAUGU	31444
	6690	4340	CGAAAGCA G CAAACAUG	13070	GUUUGCUG GCCGAAAGGCGAGUGAGGUCU UUUCGUGA	31445
	6700	4340		13071	CAUGUUUG GCCGAAAGGCGAGUGAGGUCU UGCUUUCG	31446
	6705		AAACAUGA G CCCCGCGA	13072	UCGCGGG GCCGAAAGGCGAGUGAGGUCU UCAUGUUU	31447
l	0/05	4325	UGAGCCCC G CGAUAGUC	13073	GACUAUCG GCCGAAAGGCGAGUGAGGUCU GGGGCUCA	31448

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				,	
6711	4319	CCGCGAUA G UCAUUGGA	13074	UCCAAUGA GCCGAAAGGCGAGUGAGGUCU UAUCGCGG	31449
6723	4307	UUGGAAUG G CCAUGGAG	13075	CUCCAUGG GCCGAAAGGCGAGUGAGGUCU CAUUCCAA	31450
6731	4299	GCCAUGGA G UCAAUGUC	13076	GACAUUGA GCCGAAAGGCGAGUGAGGUCU UCCAUGGC	31451
6737	4293	GAGUCAAU G UCAAGCUC	13077	GAGCUUGA GCCGAAAGGCGAGUGAGGUCU AUUGACUC	31452
6742	4288	AAUGUCAA G CUCUGCCA	13078	UGGCAGAG GCCGAAAGGCGAGUGAGGUCU UUGACAUU	31453
6747	4283	CAAGCUCU G CCAGCCCU	13079	AGGGCUGG GCCGAAAGGCGAGUGAGGUCU AGAGCUUG	31454
6751	4279	CUCUGCCA G CCCUCCGA	13080	UCGGAGGG GCCGAAAGGCGAGUGAGGUCU UGGCAGAG	31455
6765	4265	CGACGAUG G CAAACAUU	13081	AAUGUUUG GCCGAAAGGCGAGUGAGGUCU CAUCGUCG	31456
6776	4254	AACAUUAG G CCGACAGC	13082	GCUGUCGG GCCGAAAGGCGAGUGAGGUCU CUAAUGUU	31457
6783	4247	GGCCGACA G CUGUCAUC	13083	GAUGACAG GCCGAAAGGCGAGUGAGGUCU UGUCGGCC	31458
6786	4244	CGACAGCU G UCAUCACU	13084	AGUGAUGA GCCGAAAGGCGAGUGAGGUCU AGCUGUCG	31459
6798	4232	UCACUUCA G UUGCGGC	13085	GCCCGCAA GCCGAAAGGCGAGUGAGGUCU UGAAGUGA	31460
6801	4229	CUUCAGUU G CGGGCCAU	13086	AUGGCCCG GCCGAAAGGCGAGUGAGGUCU AACUGAAG	31461
6805	4225	AGUUGCGG G CCAUCCGC	13087	GCGGAUGG GCCGAAGGCGAGUGAGGUCU CCGCAACU	31462
6812	4218	GGCAUCC G CGUUUACG	13088	CGUAAACG GCCGAAAGGCGAGUGAGGUCU GGAUGGCC	31463
6814	4216	CCAUCCGC G UUUACGGU	13089	ACCGUARA GCCGARAGGCGAGUGAGGUCU GCGGAUGG	31464
		CGUUUACG G UUGGGAUC	13090	GAUCCCAA GCCGAAAGGCGAGUGAGGUCU CGUAAACG	
6821	4209			<u> </u>	31465
6834	4196	GAUCACAU G CAAUCAGU	13091	ACUGAUUG GCCGAAAGGCGAGUGAGGUCU AUGUGAUC	31466
6841	4189	UGCAAUCA G UCCAGCAG	13092	CUGCUGGA GCCGAAAGGCGAGUGAGGUCU UGAUUGCA	31467
6846	4184	UCAGUCCA G CAGCAAGG	13093	CCUUGCUG GCCGAAAGGCGAGUGAGGUCU UGGACUGA	31468
6849	4181	GUCCAGCA G CAAGGAUC	13094	GAUCCUUG GCCGAAAGGCGAGUGAGGUCU UGCUGGAC	31469
6863	4167	AUCAUGGG G UUGAAAAG	13095	CUUUUCAA GCCGAAAGGCGAGUGAGGUCU CCCAUGAU	31470
6871	4159	GUUGAAAA G UCCUGUUG	13096	CAACAGGA GCCGAAAGGCGAGUGAGGUCU UUUUCAAC	31471
6876	4154	AAAGUCCU G UUGAGGCU	13097	AGCCUCAA GCCGAAAGGCGAGUGAGGUCU AGGACUUU	31472
6882	4148	CUGUUGAG G CUAGAGCC	13098	GGCUCUAG GCCGAAAGGCGAGUGAGGUCU CUCAACAG	31473
6888	4142	AGGCUAGA G CCAAGCAU	13099	AUGCUUGG GCCGAAAGGCGAGUGAGGUCU UCUAGCCU	31474
6893	4137	AGAGCCAA G CAUAGCAG	13100	CUGCUAUG GCCGAAAGGCGAGUGAGGUCU UUGGCUCU	31475
6898	4132	CAAGCAUA G CAGACUUG	13101	CAAGUCUG GCCGAAAGGCGAGUGAGGUCU UAUGCUUG	31476
6906	4124	GCAGACUU G CUCCUUUC	13102	GAAAGGAG GCCGAAAGGCGAGUGAGGUCU AAGUCUGC	31477
6921	4109	UCUUUUUU G CAGCUGCA	13103	UGCAGCUG GCCGAAAGGCGAGUGAGGUCU AAAAAAGA	31478
6924	4106	UUUUUGCA G CUGCACUC	13104	GAGUGCAG GCCGAAAGGCGAGUGAGGUCU UGCAAAAA	31479
6927	4103	UUGCAGCU G CACUCCUC	13105	GAGGAGUG GCCGAAAGGCGAGUGAGGUCU AGCUGCAA	31480
6950	4080	CUGAUCAA G CUGCCUAU	13106	AUAGGCAG GCCGAAAGGCGAGUGAGGUCU UUGAUCAG	31481
6953	4077	AUCAAGCU G CCUAUUCC	13107	GGAAUAGG GCCGAAAGGCGAGUGAGGUCU AGCUUGAU	31482
6973	4057	CAUCAACA G CAGUAUCC	13108	GGAUACUG GCCGAAAGGCGAGUGAGGUCU UGUUGAUG	31483
6976	4054	CAACAGCA G UAUCCUGU	13109	ACAGGAUA GCCGAAAGGCGAGUGAGGUCU UGCUGUUG	31484
6983	4047	AGUAUCCU G UACACAUC	13110	GAUGUGUA GCCGAAAGGCGAGUGAGGUCU AGGAUACU	31485
7001	4029	AGAUUCAA G CAUCUCAG	13111	CUGAGAUG GCCGAAAGGCGAGUGAGGUCU UUGAAUCU	31486
7009	4021	GCAUCUCA G CCCGGGUG	13112	CACCCGGG GCCGAAAGGCGAGUGAGGUCU UGAGAUGC	31487
7015	4015	CAGCCCGG G UGUUAGCA	13113	UGCUAACA GCCGAAAGGCGAGUGAGGUCU CCGGGCUG	31488
7017	4013	GCCCGGGU G UUAGCAGG	13114	CCUGCUAA GCCGAAAGGCGAGUGAGGUCU ACCCGGGC	31489
7021	4009	GGGUGUUA G CAGGGCUA	13115	UAGCCCUG GCCGAAAGGCGAGUGAGGUCU UAACACCC	
7026	4004	UUAGCAGG G CUAGCAGC		L	31490
7030	4000	CAGGGCUA G CAGCGGAA	13116	GCUGCUAG GCCGAAAGGCGAGUGAGGUCU CCUGCUAA	31491
7033	3997	GGCUAGCA G CAGCAGAA	13117	UUCCGCUG GCCGAAAGGCGAGUGAGGUCU UAGCCCUG UUGUUCCG GCCGAAAGGCGAGUGAGGUCU UGCUAGCC	31492
7046	3984	ACAACCAC G UUUGAUGU			31493
		CGUUUGAU G UCGUUGUG	13119		31494
7053	3977		13120	CACAACGA GCCGAAAGGCGAGUGAGGUCU AUCAAACG	31495
7056	3974	UUGAUGUC G UUGUGAAU	13121		31496
7059	3971	AUGUCGUU G UGAAUGUU	13122	AACAUUCA GCCGAAAGGCGAGUGAGGUCU AACGACAU	31497
7065	3965	UUGUGAAU G UUAUGGCU	13123	AGCCAUAA GCCGAAAGGCGAGUGAGGUCU AUUCACAA	31498
7071	3959	AUGUUAUG G CUCUCAGU	13124	ACUGAGAG GCCGAAAGGCGAGUGAGGUCU CAUAACAU	31499
7078	3952	GGCUCUCA G UAUCAUCC	13125		31500
7089	3941	UCAUCCAA G CUACCGCC	13126	GGCGGUAG GCCGAAAGGCGAGUGAGGUCU UUGGAUGA	31501
7095	3935	AAGCUACC G CCAGUGAA	13127	UUCACUGG GCCGAAAGGCGAGUGAGGUCU GGUAGCUU	31502
7099	3931	UACCGCCA G UGAAUUCA	13128	UGAAUUCA GCCGAAAGGCGAGUGAGGUCU UGGCGGUA	31503
7129	3901	CUCCCAGA G CAGAAUUU	13129	AAAUUCUG GCCGAAAGGCGAGUGAGGUCU UCUGGGAG	31504
7139	3891	AGAAUUUG G CGGGCAUC	13130	GAUGCCCG GCCGAAAGGCGAGUGAGGUCU CAAAUUCU	31505
7143	3887	UUUGGCGG G CAUCGUGA	13131	UCACGAUG GCCGAAAGGCGAGUGAGGUCU CCGCCAAA	31506
7148	3882	CGGGCAUC G UGAUAAGC	13132	GCUUAUCA GCCGAAAGGCGAGUGAGGUCU GAUGCCCG	31507
7155	3875	CGUGAUAA G CCAUUUGA	13133	UCAAAUGG GCCGAAAGGCGAGUGAGGUCU UUAUCACG	31508
7173	3857	AGAAAACA G CCGCCAAC	13134	GUUGGCGG GCCGAAAGGCGAGUGAGGUCU UGUUUUCU	31509
7176	3854	AAACAGCC G CCAACAUC	13135	GAUGUUGG GCCGAAAGGCGAGUGAGGUCU GGCUGUUU	31510

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			1		
7193	3837	AACAAAAU G UUCUCCUG	13136	CAGGAGAA GCCGAAAGGCGAGUGAGGUCU AUUUUGUU	31511
7202	3828	UUCUCCUG G UUGGUCCA	13137	UGGACCAA GCCGAAAGGCGAGUGAGGUCU CAGGAGAA	31512
7206	3824	CCUGGUUG G UCCAUCUC	13138	GAGAUGGA GCCGAAAGGCGAGUGAGGUCU CAACCAGG	31513
7215	3815	UCCAUCUC G CUUUGAGA	13139	UCUCAAAG GCCGAAAGGCGAGUGAGGUCU GAGAUGGA	31514
7230	3800	GAAACGAU G CCACCAUA	13140	UAUGGUGG GCCGAAAGGCGAGUGAGGUCU AUCGUUUC	31515
7246	3784	AAACACUG G UUGUAUCU	13141	AGAUACAA GCCGAAAGGCGAGUGAGGUCU CAGUGUUU	31516
			<del> </del>	UCAAGAUA GCCGAAAGGCGAGUGAGGUCU AACCAGUG	31517
7249	3781	CACUGGUU G UAUCUUGA	13142		
7260	3770	UCUUGAAG G UCGCCAUG	13143	CAUGGCGA GCCGAAAGGCGAGUGAGGUCU CUUCAAGA	31518
7263	3767	UGAAGGUC G CCAUGAGC	13144	GCUCAUGG GCCGAAAGGCGAGUGAGGUCU GACCUUCA	31519
7270	3760	CGCCAUGA G CGCCAAGU	13145	ACUUGGCG GCCGAAAGGCGAGUGAGGUCU UCAUGGCG	31520
7272	3758	CCAUGAGC G CCAAGUGU	13146	ACACUUGG GCCGAAAGGCGAGUGAGGUCU GCUCAUGG	31521
7277	3753	AGCGCCAA G UGUACCAC	13147	GUGGUACA GCCGAAAGGCGAGUGAGGUCU UUGGCGCU	31522
7279	3751	CGCCAAGU G UACCACGU	13148	ACGUGGUA GCCGAAAGGCGAGUGAGGUCU ACUUGGCG	31523
7286	3744	UGUACCAC G UCUCCUCC	13149	GGAGGAGA GCCGAAAGGCGAGUGAGGUCU GUGGUACA	31524
7308	3722	UAGAUUCU G CGAAAGCU	13150	AGCUUUCG GCCGAAAGGCGAGUGAGGUCU AGAAUCUA	31525
<u> </u>			·		
7314	3716	CUGCGAAA G CUGCCCCC	13151	GGGGCAG GCCGAAAGGCGAGUGAGGUCU UUUCGCAG	31526
7317	3713	CGAAAGCU G CCCCCACC	13152	GGUGGGG GCCGAAAGGCGAGUGAGGUCU AGCUUUCG	31527
7337	3693	AUGACAUA G CGUAACAC	13153	GUGUUACG GCCGAAAGGCGAGUGAGGUCU UAUGUCAU	31528
7339	3691	GACAUAGC G UAACACAU	13154	AUGUGUUA GCCGAAAGGCGAGUGAGGUCU GCUAUGUC	31529
7350	3680	ACACAUCA G UGUAAGUA	13155	UACUUACA GCCGAAAGGCGAGUGAGGUCU UGAUGUGU	31530
7352	3678	ACAUCAGU G UAAGUAAU	13156	AUUACUUA GCCGAAAGGCGAGUGAGGUCU ACUGAUGU	31531
7356	3674	CAGUGUAA G UAAUGCCC	13157	GGGCAUUA GCCGAAAGGCGAGUGAGGUCU UUACACUG	31532
7361	3669	UAAGUAAU G CCCCCAAA	13158	UUUGGGG GCCGAAAGGCGAGUGAGGUCU AUUACUUA	31533
		CAGGACUA G CAGAGCAA	<del></del>	UUGCUCUG GCCGAAAGGCGAGUGAGGUCU UAGUCCUG	
7381	3649		13159		31534
7386	3644	CUAGCAGA G CAAUCAGU	13160	ACUGAUUG GCCGAAAGGCGAGUGAGGUCU UCUGCUAG	31535
7393	3637	AGCAAUCA G UAUAGCUG	13161	CAGCUAUA GCCGAAAGGCGAGUGAGGUCU UGAUUGCU	31536
7398	3632	UCAGUAUA G CUGGCAUG	13162	CAUGCCAG GCCGAAAGGCGAGUGAGGUCU UAUACUGA	31537
7402	3628	UAUAGCUG G CAUGCUGA	13163	UCAGCAUG GCCGAAAGGCGAGUGAGGUCU CAGCUAUA	31538
7406	3624	GCUGGCAU G CUGAUCUU	13164	AAGAUCAG GCCGAAAGGCGAGUGAGGUCU AUGCCAGC	31539
7416	3614	UGAUCUUG G CUGUCCAC	13165	GUGGACAG GCCGAAAGGCGAGUGAGGUCU CAAGAUCA	31540
7419	3611	UCUUGGCU G UCCACCUC	13166	GAGGUGGA GCCGAAAGGCGAGUGAGGUCU AGCCAAGA	31541
7430	3600	CACCUCUU G CGAAGGAC	13167	GUCCUUCG GCCGAAAGGCGAGUGAGGUCU AAGAGGUG	31542
7446	3584	CCUCCUGG G UGGCCAAG	13168	CUUGGCCA GCCGAAAGGCGAGUGAGGUCU CCAGGAGG	31543
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7469	3561	ACCAGAAG G CCCAACUG	13170	CAGUUGGG GCCGAAAGGCGAGUGAGGUCU CUUCUGGU	31545
7484	3546	UGAAAAGG G UCAAUCAU	13171	AUGAUUGA GCCGAAAGGCGAGUGAGGUCU CCUUUUCA	31546
7497	3533	UCAUAUCA G CAUUAUAA	13172	UUAUAAUG GCCGAAAGGCGAGUGAGGUCU UGAUAUGA	31547
7506	3524	CAUUAUAA G CAUUCACU	13173	AGUGAAUG GCCGAAAGGCGAGUGAGGUCU UUAUAAUG	31548
7516	3514	AUUCACUU G UGACUGCA	13174	UGCAGUCA GCCGAAAGGCGAGUGAGGUCU AAGUGAAU	31549
7522	3508	UUGUGACU G CACGAGGG	13175	CCCUCGUG GCCGAAAGGCGAGUGAGGUCU AGUCACAA	31550
7530	3500	GCACGAGG G UCUUUUCA	13176	UGAAAAGA GCCGAAAGGCGAGUGAGGUCU CCUCGUGC	31551
7543	3487	UUCAUCAU G UCUCUGUG	13177	CACAGAGA GCCGAAAGGCGAGUGAGGUCU AUGAUGAA	31552
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7549	3481	AUGUCUCU G UGGUCUGA	13178	UCAGACCA GCCGAAAGGCGAGUGAGGUCU AGAGACAU	31553
7552	3478	UCUCUGUG G UCUGAUCU	13179	AGAUCAGA GCCGAAAGGCGAGUGAGGUCU CACAGAGA	31554
7577	3453	UACCAACA G CCGCUGUC	13180		31555
7580	3450	CAACAGCC G CUGUCAGU	13181	ACUGACAG GCCGAAAGGCGAGUGAGGUCU GGCUGUUG	31556
7583	3447	CAGCCGCU G UCAGUUUG	13182	CAAACUGA GCCGAAAGGCGAGUGAGGUCU AGCGGCUG	31557
7587	3443	CGCUGUCA G UUUGGUAG	13183	CUACCAAA GCCGAAAGGCGAGUGAGGUCU UGACAGCG	31558
7592	3438	UCAGUUUG G UAGCGCAG	13184	CUGCGCUA GCCGAAAGGCGAGUGAGGUCU CAAACUGA	31559
7595	3435	GUUUGGUA G CGCAGUGG	13185	CCACUGCG GCCGAAAGGCGAGUGAGGUCU UACCAAAC	31560
7597	3433	UUGGUAGC G CAGUGGUG	13186	CACCACUG GCCGAAAGGCGAGUGAGGUCU GCUACCAA	31561
7600	3430	GUAGCGCA G UGGUGGUA	13187		31562
7603	3427	GCGCAGUG G UGGUAAGG	13188	CCUUACCA GCCGAAAGGCGAGUGAGGUCU CACUGCGC	
<del></del>			+	<u> </u>	31563
7606	3424	CAGUGGUG G UAAGGUGC	13189		31564
7611		GUGGUAAG G UGCAGCUC	13190		31565
7613	3417	GGUAAGGU G CAGCUCCU	13191	<del></del>	31566
7616	3414	AAGGUGCA G CUCCUGCA	13192		31567
7622	3408	CAGCUCCU G CAGCACCA	13193	UGGUGCUG GCCGAAAGGCGAGUGAGGUCU AGGAGCUG	31568
7625	3405	CUCCUGCA G CACCAAUC	13194	GAUUGGUG GCCGAAAGGCGAGUGAGGUCU UGCAGGAG	31569
7635	3395	ACCAAUCU G UUAUCAAC	13195	GUUGAUAA GCCGAAAGGCGAGUGAGGUCU AGAUUGGU	31570
7649	3381	AACUUUCC G CUCUCUGU	13196	<del></del>	31571
7656	3374	CGCUCUCU G UGGUGGUG	13197		31572
		3555555 6 6666666	1 7	DOUNDAND OCCURRATION OF THE PROPERTY ASSESSMENT	32312

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7659	3371	UCUCUGUG G UGGUGCGA	13198	UCGCACCA GCCGAAAGGCGAGUGAGGUCU CACAGAGA	31573
7662	3368	CUGUGGUG G UGCGAGUG	13199	CACUCGCA GCCGAAAGGCGAGUGAGGUCU CACCACAG	31574
7664	3366	GUGGUGGU G CGAGUGGC	13200	GCCACUCG GCCGAAAGGCGAGUGAGGUCU ACCACCAC	31575
7668	3362	UGGUGCGA G UGGCAGGU	13201	ACCUGCCA GCCGAAAGGCGAGUGAGGUCU UCGCACCA	31576
7671	3359	UGCGAGUG G CAGGUCCA	13202	UGGACCUG GCCGAAAGGCGAGUGAGGUCU CACUCGCA	31577
7675	3355	AGUGGCAG G UCCACGGU	13203	ACCGUGGA GCCGAAAGGCGAGUGAGGUCU CUGCCACU	31578
7682	3348	GGUCCACG G UGUCCGCA	13204	UGCGGACA GCCGAAAGGCGAGUGAGGUCU CGUGGACC	31579
7684	3346	UCCACGGU G UCCGCAGC	13205	GCUGCGGA GCCGAAAGGCGAGUGAGGUCU ACCGUGGA	31580
7688	3342	CGGUGUCC G CAGCUCUC	13206	GAGAGCUG GCCGAAAGGCGAGUGAGGUCU GGACACCG	31581
7691	3339	UGUCCGCA G CUCUCACU	13207	AGUGAGAG GCCGAAAGGCGAGUGAGGUCU UGCGGACA	31582
7704	3326	CACUCAGG G UGACCGUA	13208	UACGGUCA GCCGAAAGGCGAGUGAGGUCU CCUGAGUG	31583
7710	3320	GGGUGACC G UAGUUCCU	13209	AGGAACUA GCCGAAAGGCGAGUGAGGUCU GGUCACCC	31584
7713	3317	UGACCGUA G UUCCUGGG	13210	CCCAGGAA GCCGAAAGGCGAGUGAGGUCU UACGGUCA	31585
7721	3309	GUUCCUGG G CAGUAAUC	13211	GAUUACUG GCCGAAAGGCGAGUGAGGUCU CCAGGAAC	31586
7724	3306	CCUGGGCA G UAAUCGAA	13212	UUCGAUUA GCCGAAAGGCGAGUGAGGUCU UGCCCAGG	31587
		UAAUCGAA G UCAAUCUC	13212	GAGAUUGA GCCGAAAGGCGAGUGAGGUCU UUCGAUUA	
7733	3297	<del></del>	<del> </del>	<del></del>	31588
7748	3282	UCUACCCG G CCUUCGUC	13214	GACGAAGG GCCGAAAGGCGAGUGAGGUCU CGGGUAGA	31589
7754	3276	CGGCCUUC G UCCCAUGG	13215	CCAUGGGA GCCGAAAGGCGAGUGAGGUCU GAAGGCCG	31590
7763	3267	UCCCAUGG G CCCUGGUU	13216	AACCAGGG GCCGAAAGGCGAGUGAGGUCU CCAUGGGA	31591
7769	3261	GGGCCCUG G UUUUGUGU	13217	ACACAAAA GCCGAAAGGCGAGUGAGGUCU CAGGGCCC	31592
7774	3256	cneennan e nencanen	13218	ACAAGACA GCCGAAAGGCGAGUGAGGUCU AAAACCAG	31593
7776	3254	GGUUUUGU G UCUUGUAC	13219	GUACAAGA GCCGAAAGGCGAGUGAGGUCU ACAAAACC	31594
7781	3249	UGUGUCUU G UACCCAGG	13220	CCUGGGUA GCCGAAAGGCGAGUGAGGUCU AAGACACA	31595
7789	3241	GUACCCAG G UCUCCGAU	13221	AUCGGAGA GCCGAAAGGCGAGUGAGGUCU CUGGGUAC	31596
7799	3231	CUCCGAUU G UGAUUGCU	13222	AGCAAUCA GCCGAAAGGCGAGUGAGGUCU AAUCGGAG	31597
7805	3225	UUGUGAUU G CUUCGUGG	13223	CCACGAAG GCCGAAAGGCGAGUGAGGUCU AAUCACAA	31598
7810	3220	AUUGCUUC G UGGUCCCG	13224	CGGGACCA GCCGAAAGGCGAGUGAGGUCU GAAGCAAU	31599
7813	3217	GCUUCGUG G UCCCGCCA	13225	UGGCGGGA GCCGAAAGGCGAGUGAGGUCU CACGAAGC	31600
7818	3212	GUGGUCCC G CCAGUGUG	13226	CACACUGG GCCGAAAGGCGAGUGAGGUCU GGGACCAC	31601
7822	3208	UCCCGCCA G UGUGACUG	13227	CAGUCACA GCCGAAAGGCGAGUGAGGUCU UGGCGGGA	31602
7824	3206	CCGCCAGU G UGACUGGU	13228	ACCAGUCA GCCGAAAGGCGAGUGAGGUCU ACUGGCGG	31603
7831	3199	UGUGACUG G UAUUAUCA	13229	UGAUAAUA GCCGAAAGGCGAGUGAGGUCU CAGUCACA	31604
7841	3189	AUUAUCAA G UCACUCUC	13230	GAGAGUGA GCCGAAAGGCGAGUGAGGUCU UUQAUAAU	31605
7862	3168	AUUCCAUC G CCCCACAA	13231	UUGUGGG GCCGAAAGGCGAGUGAGGUCU GAUGGAAU	31606
7872	3158	CCCACAAG G UAUGCGUC	13232	GACGCAUA GCCGAAAGGCGAGUGAGGUCU CUUGUGGG	31607
7876	3154	CAAGGUAU G CGUCUCAG	13233	CUGAGACG GCCGAAAGGCGAGUGAGGUCU AUACCUUG	31608
7878	3152	AGGUAUGC G UCUCAGGC	13234	GCCUGAGA GCCGAAAGGCGAGUGAGGUCU GCAUACCU	-31609
7885	3145	CGUCUCAG G CCACGUAC	13235	GUACGUGG GCCGAAAGGCGAGUGAGGUCU CUGAGACG	31610
7890	3140	CAGGCCAC G UACAUGAU	13236	AUCAUGUA GCCGAAAGGCGAGUGAGGUCU GUGGCCUG	
7917	3113	CCAGAACU G CCCUUUCA	13237	UGAAAGGG GCCGAAAGGCGAGUGAGGUCU AGUUCUGG	31611
7927	3103	CCUUUCAA G CUUCCACG	13238		31612
7935				CGUGGAAG GCCGAAAGGCGAGUGAGGUCU UUGAAAGG	31613
	3095	AUCAUUGA G CCUGCUUU	13239	CAAUGAUA GCCGAAAGGCGAGUGAGGUCU GUGGAAGC	31614
7945	3085		13240	AAAGCAGG GCCGAAAGGCGAGUGAGGUCU UCAAUGAU	31615
7949	3081	UUGAGCCU G CUUUCAAU	13241	AUUGAAAG GCCGAAAGGCGAGUGAGGUCU AGGCUCAA	31616
7970	3060	UAGGACAG G UCACUGUG	13242	CACAGUGA GCCGAAAGGCGAGUGAGGUCU CUGUCCUA	31617
7976	3054	AGGUCACU G UGGAUCGC	13243	GCGAUCCA GCCGAAAGGCGAGUGAGGUCU AGUGACCU	31618
7983	3047	UGUGGAUC G CCAAGUUG	13244	CAACUUGG GCCGAAAGGCGAGUGAGGUCU GAUCCACA	31619
7988	3042	AUCGCCAA G UUGUUCUU	13245	AAGAACAA GCCGAAAGGCGAGUGAGGUCU UUGGCGAU	31620
7991	3039	GCCAAGUU G UUCUUGAC	13246	GUCAAGAA GCCGAAAGGCGAGUGAGGUCU AACUUGGC	31621
8001	3029	UCUUGACA G CCGUUCCA	13247	UGGAACGG GCCGAAAGGCGAGUGAGGUCU UGUCAAGA	31622
8004	3026	UGACAGCC G UUCCAAUG	13248	CAUUGGAA GCCGAAAGGCGAGUGAGGUCU GGCUGUCA	31623
8021	3009	AUCUUCGA G UCACAUUC	13249	GAAUGUGA GCCGAAAGGCGAGUGAGGUCU UCGAAGAU	31624
8031	2999	CACAUUCA G UUGUGUUG	13250	CAACACAA GCCGAAAGGCGAGUGAGGUCU UGAAUGUG	31625
8034	2996	AUUCAGUU G UGUUGCUC	13251	GAGCAACA GCCGAAAGGCGAGUGAGGUCU AACUGAAU	31626
8036	2994	UCAGUUGU G UUGCUCUC	13252	GAGAGCAA GCCGAAAGGCGAGUGAGGUCU ACAACUGA	31627
8039	2991	GUUGUGUU G CUCUCUCU	13253	AGAGAGAG GCCGAAAGGCGAGUGAGGUCU AACACAAC	31628
8067	2963	ACAUCCGA G UGCUGGUG	13254	CACCAGCA GCCGAAAGGCGAGUGAGGUCU UCGGAUGU	31629
8069	2961	AUCCGAGU G CUGGUGAG	13255	CUCACCAG GCCGAAAGGCGAGUGAGGUCU ACUCGGAU	31630
8073	2957	GAGUGCUG G UGAGACCA	13256	UGGUCUCA GCCGAAAGGCGAGUGAGGUCU CAGCACUC	31631
8105	2925	ACUUCUAA G CUAUUCCA	13257	UGGAAUAG GCCGAAAGGCGAGUGAGGUCU UUAGAAGU	31632
8115	2915	UAUUCCAA G CGCGAUUC	13258	GAAUCGCG GCCGAAAGGCGAGUGAGGUCU UUGGAAUA	31633
8117	2913	UUCCAAGC G CGAUUCUG	13259	CAGAAUCG GCCGAAAGGCGAGUGAGGUCU GCUUGGAA	31634

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		GALLICOTO O MODOLO CAMA	110000	NUMBER OF STREET PROPERTY OF STREET	27.525
8127	2903	GAUUCUGA G UCGGACAU	13260	AUGUCCGA GCCGAAAGGCGAGUGAGGUCU UCAGAAUC	31635
8142	2888	AUUCCUUG G UCUCCGGA	13261	UCCGGAGA GCCGAAAGGCGAGUGAGGUCU CAAGGAAU	31636
8166	2864	CCACAAAG G UGUUGUUG	13262	CAACAACA GCCGAAAGGCGAGUGAGGUCU CUUUGUGG	31637
8168	2862	ACAAAGGU G UUGUUGGC	13263	GCCAACAA GCCGAAAGGCGAGUGAGGUCU ACCUUUGU	31638
8171	2859	AAGGUGUU G UUGGCGAG	13264	CUCGCCAA GCCGAAAGGCGAGUGAGGUCU AACACCUU	31639
8175	2855	UGUUGUUG G CGAGUUCU	13265	AGAACUCG GCCGAAAGGCGAGUGAGGUCU CAACAACA	31640
8179	2851	GUUGGCGA G UUCUGGUG	13266	CACCAGAA GCCGAAAGGCGAGUGAGGUCU UCGCCAAC	31641
8185	2845	GAGUUCUG G UGCAAAUA	13267	UAUUUGCA GCCGAAAGGCGAGUGAGGUCU CAGAACUC	31642
8187	2843	GUUCUGGU G CAAAUAAA	13268	UUUAUUUG GCCGAAAGGCGAGUGAGGUCU ACCAGAAC	31643
8211	2819	UUCCCCAG G CCUUCCAG	13269	CUGGAAGG GCCGAAAGGCGAGUGAGGUCU CUGGGGAA	31644
8219	2811	GCCUUCCA G CCAAUUUC	13270	GAAAUUGG GCCGAAAGGCGAGUGAGGUCU UGGAAGGC	31645
8238	2792	AUUUUUCC G UGGUGGCG	13271	CGCCACCA GCCGAAAGGCGAGUGAGGUCU GGAAAAAU	31646
8241	2789	UUUCCGUG G UGGCGGUG	13272	CACCGCCA GCCGAAAGGCGAGUGAGGUCU CACGGAAA	31647
8244	2786	CCGUGGUG G CGGUGAGG	13273	CCUCACCG GCCGAAAGGCGAGUGAGGUCU CACCACGG	31648
8247	2783	UGGUGGCG G UGAGGCGU	13274	ACGCCUCA GCCGAAAGGCGAGUGAGGUCU CGCCACCA	31649
8252	2778	GCGGUGAG G CGUUUAGG	13275	CCUAAACG GCCGAAAGGCGAGUGAGGUCU CUCACCGC	31650
8254	2776	GGUGAGGC G UUUAGGUG	13276	CACCUAAA GCCGAAAGGCGAGUGAGGUCU GCCUCACC	31651
8260	2770	GCGUUUAG G UGCUGACU	13277	AGUCAGCA GCCGAAAGGCGAGUGAGGUCU CUAAACGC	31652
8262	2768	GUUUAGGU G CUGACUUG	13278	CAAGUCAG GCCGAAAGGCGAGUGAGGUCU ACCUAAAC	31653
8270	2760	GCUGACUU G UACAUUCC	13279	GGAAUGUA GCCGAAAGGCGAGUGAGGUCU AAGUCAGC	31654
8284	2746	UCCCUCCU G UUUCUCAA	13280	UUGAGAAA GCCGAAAGGCGAGUGAGGUCU AGGAGGGA	31655
8306	2724	ACACUAAG G UCCACACC	13281	GGUGUGGA GCCGAAAGGCGAGUGAGGUCU CUUAGUGU	31656
8331	2699	UCAAAAGA G UGUUCAGC	13282	GCUGAACA GCCGAAAGGCGAGUGAGGUCU UCUUUUGA	31657
8333	2697	AAAAGAGU G UUCAGCUC	13283	GAGCUGAA GCCGAAAGGCGAGUGAGGUCU ACUCUUUU	31658
8338	2692	AGUGUUCA G CUCGUCCU	13284	AGGACGAG GCCGAAAGGCGAGUGAGGUCU UGAACACU	31659
8342	2688	UUCAGCUC G UCCUUCAC	13285	GUGAAGGA GCCGAAAGGCGAGUGAGGUCU GAGCUGAA	31660
8352	2678	CCUUCACU G CUUCCCAC	13286	GUGGGAAG GCCGAAAGGCGAGUGAGGUCU AGUGAAGG	31661
8368	2662	CAUUUGAU G CUCCAGUC	13287	GACUGGAG GCCGAAAGGCGAGUGAGGUCU AUCAAAUG	31662
8374	2656	AUGCUCCA G UCUGGAAA	13288	UUUCCAGA GCCGAAAGGCGAGUGAGGUCU UGGAGCAU	31663
8389	2641	AACUGAUC G UAGACCGC	13289	GCGGUCUA GCCGAAAGGCGAGUGAGGUCU GAUCAGUU	31664
8396	2634	CGUAGACC G CACACUCC	13290	GGAGUGUG GCCGAAAGGCGAGUGAGGUCU GGUCUACG	31665
8415	2615	CCUUAUGA G CUUUCUGA	13291	UCAGAAAG GCCGAAAGGCGAGUGAGGUCU UCAUAAGG	31666
8433	2597	UGAUCUUG G CUAGGCCU	13292	AGGCCUAG GCCGAAAGGCGAGUGAGGUCU CAAGAUCA	31667
8438	2592	UUGGCUAG G CCUUGUGG	13293	CCACAAGG GCCGAAAGGCGAGUGAGGUCU CUAGCCAA	31668
8443	2587	UAGGCCUU G UGGCGUUU	13294	AAACGCCA GCCGAAAGGCGAGUGAGGUCU AAGGCCUA	31669
8446	2584	GCCUUGUG G CGUUUCAG	13295	CUGAAACG GCCGAAAGGCGAGUGAGGUCU CACAAGGC	31670
8448	2582	CUUGUGGC G UUUCAGGG	13296	CCCUGAAA GCCGAAAGGCGAGUGAGGUCU GCCACAAG	31671
8456	2574	GUUUCAGG G UAAUACUU	13297	AAGUAUUA GCCGAAAGGCGAGUGAGGUCU CCUGAAAC	31672
8465	2565	UAAUACUU G UACCGGUC	13298	GACCGGUA GCCGAAAGGCGAGUGAGGUCU AAGUAUUA	31673
8471	2559	UUGUACCG G UCCAUCCA	13299	UGGAUGGA GCCGAAAGGCGAGUGAGGUCU CGGUACAA	31674
8481	2549	CCAUCCAA G CCUCCACA	13300	UGUGGAGG GCCGAAAGGCGAGUGAGGUCU UUGGAUGG	31675
8495	2535	ACAUCAUU G UGUAUGAA	13301	UUCAUACA GCCGAAAGGCGAGUGAGGUCU AAUGAUGU	31676
8497	2533	AUCAUUGU G UAUGAACA	13302	UGUUCAUA GCCGAAAGGCGAGUGAGGUCU ACAAUGAU	31677
8524	2506	ACAUCUCA G CUCUUGCC	13303	GGCAAGAG GCCGAAAGGCGAGUGAGGUCU UGAGAUGU	31678
8530	2500	CAGCUCUU G CCGGCUGA	13304	UCAGCCGG GCCGAAAGGCGAGUGAGGUCU AAGAGCUG	31679
8534	2496	UCUUGCCG G CUGAUGUC	13305	GACAUCAG GCCGAAAGGCGAGUGAGGUCU CGGCAAGA	31680
8540	2490	CGGCUGAU G UCUAUGGC	13306		31681
8547	2483	UGUCUAUG G CACACCCA	13307		31682
8556	2474	CACACCCA G UGUCAGCG	1330B	CGCUGACA GCCGAAAGGCGAGUGAGGUCU UGGGUGUG	31683
8558 8562	2472	CACCCAGU G UCAGCGUG	13309	<del></del>	31684
8564	2468 2466	CAGUGUCA G CGUGCACG	13310	CGUGCACG GCCGAAAGGCGAGUGAGGUCU UGACACUG	31685
8566	2464	GUGUCAGC G UGCACGUU GUCAGCGU G CACGUUCA	13311	AACGUGCA GCCGAAAGGCGAGUGAGGUCU GCUGACAC	31686
8570	2464	GCGUGCAC G UUCACGGA	13312	UGAACGUG GCCGAAAGGCGAGUGAGUCU ACGCUGAC	31687
8587	2443		13313	UCCGUGAA GCCGAAAGGCGAGUGAGGUCU GUGCACGC	31688
8604	2443	GAGGAAGA G CAGAACUC CUCCAACU G CGAGAAAC	13314	GAGUUCUG GCCGAAAGGCGAGUGAGGUCU UCUUCCUC	31689
8613	2417		13315	GUUUCUCG GCCGAAAGGCGAGUGAGGUCU AGUUGGAG	31690
8619	2417	CGAGAAAC G UGAGAGCU ACGUGAGA G CUAUGGAC	13316	AGCUCUCA GCCGAAAGGCGAGUGAGGUCU GUUUCUCG	31691
8637	2393	UAUCACGA G CAUUGAUG	13317	GUCCAUAG GCCGAAAGGCGAGUGAGUCU UCUCACGU	31692
8645	2395	GCAUUGAU G CCCAUCCA	13318	CAUCAAUG GCCGAAAGGCGAGUGAGGUCU UCGUGAUA	31693
8664	2366	ACAGGAGA G CCCCAGC	13319	UGGAUGGG GCCGAAAGGCGAGUGAGGUCU AUCAAUGC	31694
8671	2359	AGCCCCCA G CAAUCCUU	13320	GCUGGGGG GCCGAAAGGCGAGUGAGGUCU UCUCCUGU	31695
		ACCOUNT & CAROCOU	13321	AAGGAUUG GCCGAAAGGCGAGUGAGGUCU UGGGGGCU	31696

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		The state of the s	1 2 2 2 2	CONTRACT COCCURRENCE CONTRACTOR AND	22.50
8680	2350	CAAUCCUU G CGUUAUCC	13322	GGAUAACG GCCGAAAGGCGAGUGAGGUCU AAGGAUUG	31697
8682	2348	AUCCUUGC G UUAUCCAG	13323	CUGGAUAA GCCGAAAGGCGAGUGAGGUCU GCAAGGAU	31698
8696	2334	CAGGACAU G CCUCCGAA	13324	UUCGGAGG GCCGAAAGGCGAGUGAGGUCU AUGUCCUG	31699
8707	2323	UCCGAACA G UGAGCGGA	13325	UCCGCUCA GCCGAAAGGCGAGUGAGGUCU UGUUCGGA	31700
8711	2319	AACAGUGA G CGGAAUGC	13326	GCAUUCCG GCCGAAAGGCGAGUGAGGUCU UCACUGUU	31701
8718	2312	AGCGGAAU G CUCCUCCG	13327	CGGAGGAG GCCGAAAGGCGAGUGAGGUCU AUUCCGCU	31702
8742	2288	GAUGGACA G CCUUCCCA	13328	UGGGAAGG GCCGAAAGGCGAGUGAGGUCU UGUCCAUC	31703
8757	2273	CAACUGAG G UGAACACC	13329	GGUGUUCA GCCGAAAGGCGAGUGAGGUCU CUCAGUUG	31704
8783	2247	GAUCCAAA G UCCCAAGC	13330	GCUUGGGA GCCGAAAGGCGAGUGAGGUCU UUUGGAUC	31705
8790	2240	AGUCCCAA G CUGUGUCU	13331	AGACACAG GCCGAAAGGCGAGUGAGGUCU UUGGGACU	31706
8793	2237	CCCAAGCU G UGUCUCCU	13332	AGGAGACA GCCGAAAGGCGAGUGAGGUCU AGCUUGGG	31707
8795	2235	CAAGCUGU G UCUCCUAG	13333	CUAGGAGA GCCGAAAGGCGAGUGAGGUCU ACAGCUUG	31708
8805	2225	CUCCUAGA G CGGCUAGU	13334	ACUAGCCG GCCGAAAGGCGAGUGAGGUCU UCUAGGAG	31709
8808	2222	CUAGAGCG G CUAGUCUC	13335	GAGACUAG GCCGAAAGGCGAGUGAGGUCU CGCUCUAG	31710
				CGCAGAGA GCCGAAAGGCGAGUGAGGUCU UAGCCGCU	
8812	2218	AGCGGCUA G UCUCUGCG	13336		31711
8818	2212	UAGUCUCU G CGCUCCUU	13337	AAGGAGCG GCCGAAAGGCGAGUGAGGUCU AGAGACUA	31712
8820	2210	GUCUCUGC G CUCCUUUG	13338	CAAAGGAG GCCGAAAGGCGAGUGAGGUCU GCAGAGAC	31713
8832	2198	CUUUGAGG G UGGUUGUA	13339	UACAACCA GCCGAAAGGCGAGUGAGGUCU CCUCAAAG	31714
8835	2195	UGAGGGUG G UUGUAAAG	13340	CUUUACAA GCCGAAAGGCGAGUGAGGUCU CACCCUCA	31715
8838	2192	GGGUGGUU G UAAAGGCU	13341	AGCCUUUA GCCGAAAGGCGAGUGAGGUCU AACCACCC	31716
8844	2186	UUGUAAAG G CUUUGCCA	13342	UGGCAAAG GCCGAAAGGCGAGUGAGGUCU CUUUACAA	31717
8849	2181	AAGGCUUU G CCAAUGCU	13343	AGCAUUGG GCCGAAAGGCGAGUGAGGUCU AAAGCCUU	31718
8855	2175	UUGCCAAU G CUGCUUCC	13344	GGAAGCAG GCCGAAAGGCGAGUGAGGUCU AUUGGCAA	31719
8858	2172	CCAAUGCU G CUUCCAGA	13345	UCUGGAAG GCCGAAAGGCGAGUGAGGUCU AGCAUUGG	31720
8870	2160	CCAGACUU G UGCCAAUG	13346	CAUUGGCA GCCGAAAGGCGAGUGAGGUCU AAGUCUGG	31721
8872	2158	AGACUUGU G CCAAUGGU	13347	ACCAUUGG GCCGAAAGGCGAGUGAGGUCU ACAAGUCU	31722
8879	2151	UGCCAAUG G UGAUUGAU	13348	AUCAAUCA GCCGAAAGGCGAGUGAGGUCU CAUUGGCA	31723
8890	2140	AUUGAUCU G UUGUUCUC	13349	GAGAACAA GCCGAAAGGCGAGUGAGGUCU AGAUCAAU	31724
		GAUCUGUU G UUCUCCUC	13350	GAGGAGAA GCCGAAAGGCGAGUGAGGUCU AACAGAUC	
8893	2137				31725
8903	2127	UCUCCUCU G CCCACCAC	13351	GUGGUGGG GCCGAAAGGCGAGUGAGGUCU AGAGGAGA	31726
8915	2115	ACCACUAU G UAUGAGUC	13352	GACUCAUA GCCGAAAGGCGAGUGAGGUCU AUAGUGGU	31727
8921	2109	AUGUAUGA G UCUCCAAA	13353	UUUGGAGA GCCGAAAGGCGAGUGAGGUCU UCAUACAU	31728
8932	2098	UCCAAAGG G UGGUUCCA	13354	UGGAACCA GCCGAAAGGCGAGUGAGGUCU CCUUUGGA	31729
8935	2095	AAAGGGUG G UUCCAAUU	13355	AAUUGGAA GCCGAAAGGCGAGUGAGGUCU CACCCUUU	31730
8958	2072	GGACCUUA G CGUUGGCC	13356	GGCCAACG GCCGAAAGGCGAGUGAGGUCU UAAGGUCC	31731
8960	2070	ACCUUAGC G UUGGCCGU	13357	ACGGCCAA GCCGAAAGGCGAGUGAGGUCU GCUAAGGU	31732
8964	2066	UAGCGUUG G CCGUGGCC	13358	GGCCACGG GCCGAAAGGCGAGUGAGGUCU CAACGCUA	31733
8967	2063	CGUUGGCC G UGGCCACU	13359	AGUGGCCA GCCGAAAGGCGAGUGAGGUCU GGCCAACG	31734
8970	2060	UGGCCGUG G CCACUGAA	13360	UUCAGUGG GCCGAAAGGCGAGUGAGGUCU CACGGCCA	31735
8987	2043	ACAAAAGG G UUGACAGU	13361	ACUGUCAA GCCGAAAGGCGAGUGAGGUCU CCUUUUGU	31736
8994	2036	GGUUGACA G UGACCAAU	13362	AUUGGUCA GCCGAAAGGCGAGUGAGGUCU UGUCAACC	31737
9005	2025	ACCAAUCU G CCCACUGG	13363	CCAGUGGG GCCGAAAGGCGAGUGAGGUCU AGAUUGGU	31738
9013	2017	GCCCACUG G CGUUAGGU	13364	ACCUAACG GCCGAAAGGCGAGUGAGGUCU CAGUGGGC	31739
9015	2015	CCACUGGC G UUAGGUCG	13365	CGACCUAA GCCGAAAGGCGAGUGAGGUCU GCCAGUGG	31740
9020	2010	GGCGUUAG G UCGUUCAA	13366	<u> </u>	31741
9023	2007	GUUAGGUC G UUCAAUGA	13367	UCAUUGAA GCCGAAAGGCGAGUGAGGUCU GACCUAAC	31742
9033	1997	UCAAUGAA G CCACUGAC	13368	GUCAGUGG GCCGAAAGGCGAGUGAGGUCU UUCAUUGA	
<del></del>	1974		<del></del>		31743
9056		GGAACUUU G CAAGGUCC	13369	GGACCUUG GCCGAAAGGCGAGUGAGGUCU AAAGUUCC	31744
9061	1969	UUUGCAAG G UCCAUCCG	13370	CGGAUGGA GCCGAAAGGCGAGUGAGGUCU CUUGCAAA	31745
9069	1961	GUCCAUCC G UGCCAGUG	13371	CACUGGCA GCCGAAAGGCGAGUGAGGUCU GGAUGGAC	31746
9071	1959	CCAUCCGU G CCAGUGUA	13372	UACACUGG GCCGAAAGGCGAGUGAGGUCU ACGGAUGG	31747
9075	1955	CCGUGCCA G UGUACUGC	13373	GCAGUACA GCCGAAAGGCGAGUGAGGUCU UGGCACGG	31748
9077	1953	GUGCCAGU G UACUGCAA	13374	UUGCAGUA GCCGAAAGGCGAGUGAGGUCU ACUGGCAC	31749
9082	1948	AGUGUACU G CAAUUCCA	13375	UGGAAUUG GCCGAAAGGCGAGUGAGGUCU AGUACACU	31750
9099	1931	ACACCACA G UGCCGUGA	13376	UCACGGCA GCCGAAAGGCGAGUGAGGUCU UGUGGUGU	31751
9101	1929	ACCACAGU G CCGUGACC	13377	GGUCACGG GCCGAAAGGCGAGUGAGGUCU ACUGUGGU	31752
9104	1926	ACAGUGCC G UGACCUGU	13378	ACAGGUCA GCCGAAAGGCGAGUGAGGUCU GGCACUGU	31753
9111	1919	CGUGACCU G UGUCUGCG	13379	CGCAGACA GCCGAAAGGCGAGUGAGGUCU AGGUCACG	31754
9113	1917	UGACCUGU G UCUGCGGG	13380	CCCGCAGA GCCGAAAGGCGAGUGAGGUCU ACAGGUCA	31755
9117	1913	CUGUGUCU G CGGGAGUC	13381	GACUCCG GCCGAAAGGCGAGUGAGGUCU AGACACAG	31756
9123	1907	CUGCGGGA G UCCCAAGA	13382	UCUUGGGA GCCGAAAGGCGAGUGAGGUCU UCCCGCAG	31757
9141	1889	ACUUGAAA G CCUUUGAA	13383	UUCAAAGG GCCGAAAGGCGAGUGAGGUCU UUUCAAGU	
			12303	DOCAMAGO GCCGMAGGCGAGGGCO UUUCAAGO	31758

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9155	1875	GAACAGAC G CCAUAGGU	13384	ACCUAUGG GCCGAAAGGCGAGUGAGGUCU GUCUGUUC	31759
9162	1868	CGCCAUAG G UUGUUCCC	13385	GGGAACAA GCCGAAAGGCGAGUGAGGUCU CUAUGGCG	31760
9165	1865	CAUAGGUU G UUCCCUUC	13386	GAAGGGAA GCCGAAAGGCGAGUGAGGUCU AACCUAUG	31761
9178	1852	CUUCAACU G CAAUUUUU	13387	AAAAAUUG GCCGAAAGGCGAGUGAGGUCU AGUUGAAG	31762
9219	1811	GACCCGAC G UCAACUUG	13388	CAAGUUGA GCCGAAAGGCGAGUGAGGUCU GUCGGGUC	31763
				<u> </u>	
9231	1799	ACUUGACA G UGUUGCUU	13389	AAGCAACA GCCGAAAGGCGAGUGAGGUCU UGUCAAGU	31764
9233	1797	UUGACAGU G UUGCUUGA	13390	UCAAGCAA GCCGAAAGGCGAGUGAGGUCU ACUGUCAA	31765
9236	1794	ACAGUGUU G CUUGAAAA	13391	UUUUCAAG GCCGAAAGGCGAGUGAGGUCU AACACUGU	31766
9258	1772	CAGGAAUG G CUCCAGCC	13392	GGCUGGAG GCCGAAAGGCGAGUGAGGUCU CAUUCCUG	31767
9264	1766	UGGCUCCA G CCAAAGCU	13393	AGCUUUGG GCCGAAAGGCGAGUGAGGUCU UGGAGCCA	31768
9270	1760	CAGCCAAA G CUUGAUGC	13394	GCAUCAAG GCCGAAAGGCGAGUGAGGUCU UUUGGCUG	31769
9277	1753	AGCUUGAU G CAGAGCUC	13395	GAGCUCUG GCCGAAAGGCGAGUGAGGUCU AUCAAGCU	31770
9282	1748	GAUGCAGA G CUCCCUCU	13396	AGAGGGAG GCCGAAAGGCGAGUGAGGUCU UCUGCAUC	
				··	31771
9292	1738	UCCCUCUU G UGAGCCCA	13397	UGGGCUCA GCCGAAAGGCGAGUGAGGUCU AAGAGGGA	31772
9296	1734	'UCUUGUGA G CCCAAUGC	13398	GCAUUGGG GCCGAAAGGCGAGUGAGGUCU UCACAAGA	31773
9303	1727	AGCCCAAU G CUAUCACA	13399	UGUGAUAG GCCGAAAGGCGAGUGAGGUCU AUUGGGCU	31774
9316	1714	CACAGACU G CUUCGUGG	13400	CCACGAAG GCCGAAAGGCGAGUGAGGUCU AGUCUGUG	31775
9321	1709	ACUGCUUC G UGGCGUGU	13401	ACACGCCA GCCGAAAGGCGAGUGAGGUCU GAAGCAGU	31776
9324	1706	GCUUCGUG G CGUGUGGU	13402	ACCACACG GCCGAAAGGCGAGUGAGGUCU CACGAAGC	31777
9326	1704	UUCGUGGC G UGUGGUUC	13403	GAACCACA GCCGAAAGGCGAGUGAGGUCU GCCACGAA	31778
9328	1702	CGUGGCGU G UGGUUCCU	13404	AGGAACCA GCCGAAAGGCGAGUGAGGUCU ACGCCACG	31779
9331	1699	GGCGUGUG G UUCCUCAA	13405	UUGAGGAA GCCGAAAGGCGAGUGAGGUCU CACACGCC	
		<del> </del>			31780
9351	1679	CCAUUAAC G UCUCUCUG	13406	CAGAGAGA GCCGAAAGGCGAGUGAGGUCU GUUAAUGG	31781
9359	1671	GUCUCUCU G UUCCUCCA	13407	UGGAGGAA GCCGAAAGGCGAGUGAGGUCU AGAGAGAC	31782
9372	1658	UCCACACA G UACUUCCA	13408	UGGAAGUA GCCGAAAGGCGAGUGAGGUCU UGUGUGGA	31783
9381	1649	UACUUCCA G CACUGCUC	13409	GAGCAGUG GCCGAAAGGCGAGUGAGGUCU UGGAAGUA	31784
9386	1644	CCAGCACU G CUCCAAGG	13410	CCUUGGAG GCCGAAAGGCGAGUGAGGUCU AGUGCUGG	31785
9398	1632	CAAGGGAG G UUGAGGUC	13411	GACCUCAA GCCGAAAGGCGAGUGAGGUCU CUCCCUUG	31786
9404	1626	AGGUUGAG G UCCAUGAA	13412	UUCAUGGA GCCGAAAGGCGAGUGAGGUCU CUCAACCU	31787
9435	1595	CCAAGAAC G UCUUUGUU	13413	AACAAAGA GCCGAAAGGCGAGUGAGGUCU GUUCUUGG	31788
9441	1589	ACGUCUUU G UUCCAACA	13414	UGUUGGAA GCCGAAAGGCGAGUGAGGUCU AAAGACGU	
					31789
9450	1580	UUCCAACA G UCAUCACG	13415	CGUGAUGA GCCGAAAGGCGAGUCU UGUUGGAA	31790
9458	1572	GUCAUCAC G UAGUAUGC	13416	GCAUACUA GCCGAAAGGCGAGUGAGGUCU GUGAUGAC	31791
9461	1569	AUCACGUA G UAUGCAUU	13417	AAUGCAUA GCCGAAAGGCGAGUGAGGUCU UACGUGAU	31792
9465	1565	CGUAGUAU G CAUUGGUG	13418	CACCAAUG GCCGAAAGGCGAGUGAGGUCU AUACUACG	31793
9471	1559	AUGCAUUG G UGUCAAUC	13419	GAUUGACA GCCGAAAGGCGAGUGAGGUCU CAAUGCAU	31794
9473	1557	GCAUUGGU G UCAAUCCC	13420	GGGAUUGA GCCGAAAGGCGAGUGAGGUCU ACCAAUGC	31795
9487	1543	CCCUGACC G UGGUUCAC	13421	GUGAACCA GCCGAAAGGCGAGUGAGGUCU GGUCAGGG	31796
9490	1540	UGACCGUG G UUCACAGU	13422	ACUGUGAA GCCGAAAGGCGAGUGAGGUCU CACGGUCA	31797
9497	1533	GGUUCACA G UCCACUGU	13423	ACAGUGGA GCCGAAAGGCGAGUGAGGUCU UGUGAACC	
9504	1526	AGUCCACU G UCACCUCU	<del></del>		31798
			13424	AGAGGUGA GCCGAAAGGCGAGUGAGGUCU AGUGGACU	31799
9526	1504	UUCUCCAA G CUUUAGUG	13425	CACUAAAG GCCGAAAGGCGAGUGAGGUCU UUGGAGAA	31800
9532	1498	AAGCUUUA G UGUGUAUG	13426	CAUACACA GCCGAAAGGCGAGUGAGGUCU UAAAGCUU	31801
9534	1496	GCUUUAGU G UGUAUGAA	13427	UUCAUACA GCCGAAAGGCGAGUGAGGUCU ACUAAAGC	31802
9536	1494	UUUAGUGU G UAUGAAGG	13428	CCUUCAUA GCCGAAAGGCGAGUGAGGUCU ACACUAAA	31803
9544	1486	GUAUGAAG G CGCCGCAG	13429	CUGCGGCG GCCGAAAGGCGAGUGAGGUCU CUUCAUAC	31804
9546	1484	AUGAAGGC G CCGCAGGA	13430	UCCUGCGG GCCGAAAGGCGAGUGAGGUCU GCCUUCAU	31805
9549	1481	AAGGCGCC G CAGGAGUG	13431	CACUCCUG GCCGAAAGGCGAGUGAGGUCU GGCGCCUU	31806
9555	1475	CCGCAGGA G UGAUGCUG	13432	CAGCAUCA GCCGAAAGGCGAGUGAGGUCU UCCUGCGG	31807
9560	1470	GGAGUGAU G CUGAAUCU	13433	AGAUUCAG GCCGAAAGGCGAGUGAGGUCU AUCACUCC	
9573	1457		<del></del>		31808
		AUCUCCCU G CCUGAGUG	13434	CACUCAGG GCCGAAAGGCGAGUCAGGUCU AGGGAGAU	31809
9579	1451	CUGCCUGA G UGGCUCCA	13435	UGGAGCCA GCCGAAAGGCGAGUGAGGUCU UCAGGCAG	31810
9582	1448	CCUGAGUG G CUCCAACC	13436	GGUUGGAG GCCGAAAGGCGAGUGAGGUCU CACUCAGG	31811
9592	1438	UCCAACCU G UGUGGAGU	13437	ACUCCACA GCCGAAAGGCGAGUGAGGUCU AGGUUGGA	31812
9594	1436	CAACCUGU G UGGAGUAG	13438	CUACUCCA GCCGAAAGGCGAGUGAGGUCU ACAGGUUG	31813
9599	1431	UGUGUGGA G UAGUUUCC	13439	GGAAACUA GCCGAAAGGCGAGUGAGGUCU UCCACACA	31814
9602	1428	GUGGAGUA G UUUCCGUG	13440	CACGGAAA GCCGAAAGGCGAGUCAGGUCU UACUCCAC	31815
9608	1422	UAGUUUCC G UGCGACUC	13441	GAGUCGCA GCCGAAAGGCGAGUGAGGUCU GGAAACUA	31816
9610	1420	GUUUCCGU G CGACUCCA	13442	UGGAGUCG GCCGAAAGGCGAGUGAGGUCU ACGGAAAC	31817
9621	1409	ACUCCACA G UAGUUGGU	13443	ACCAACUA GCCGAAAGGCGAGUCU UGUGGAGU	
9624	1406	CCACAGUA G UUGGUCCA			31818
9628	1402	AGUAGUUG G UCCAUGGA	13444	UGGACCAA GCCGAAAGGCGAGUGAGGUCU UACUGUGG	31819
7020	1402	AGUAGUUG G UCCAUGGA	13445	UCCAUGGA GCCGAAAGGCGAGUGAGGUCU CAACUACU	31820

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9645	1385	CAAAAAUG G CCACUUCG	13446	CGAAGUGG GCCGAAAGGCGAGUGAGGUCU CAUUUUUG	31821
9653	1377	GCCACUUC G UACUUGAU	13447	AUCAAGUA GCCGAAAGGCGAGUGAGGUCU GAAGUGGC	31822
9678	1352	UCAAGAUG G UUCUUCCU	13448	AGGAAGAA GCCGAAAGGCGAGUGAGGUCU CAUCUUGA	31823
<del></del>		UUCCUAUU G CCUUGGUA	13449	UACCAAGG GCCGAAAGGCGAGUGAGGUCU AAUAGGAA	31824
9690	1340		<del></del>		
9696	1334	UUGCCUUG G UAGAGCAG	13450	CUGCUCUA GCCGAAAGGCGAGUGAGGUCU CAAGGCAA	31825
9701	1329	UUGGUAGA G CAGGCAAA	13451	UUUGCCUG GCCGAAAGGCGAGUGAGGUCU UCUACCAA	31826
9705	1325	UAGAGCAG G CAAAUUUG	13452	CAAAUUUG GCCGAAAGGCGAGUGAGGUCU CUGCUCUA	31827
9714	1316	CAAAUUUG G CGCAUGUG	13453	CACAUGCG GCCGAAAGGCGAGUGAGGUCU CAAAUUUG	31828
9716	1314	AAUUUGGC G CAUGUGUC	13454	GACACAUG GCCGAAAGGCGAGUGAGGUCU GCCAAAUU	31829
9720	1310	UGGCGCAU G UGUCAAUG	13455	CAUUGACA GCCGAAAGGCGAGUGAGGUCU AUGCGCCA	31830
9722	1308	GCGCAUGU G UCAAUGCU	13456	AGCAUUGA GCCGAAAGGCGAGUGAGGUCU ACAUGCGC	31831
9728	1302	GUGUCAAU G CUUCCUUU	13457	AAAGGAAG GCCGAAAGGCGAGUGAGGUCU AUUGACAC	31832
9737	1293	CUUCCUUU G CCAAAUAA	13458	UUAUUUGG GCCGAAAGGCGAGUGAGGUCU AAAGGAAG	31833
9749	1281	AAUAAUCC G CAGCCGUU	13459	AACGGCUG GCCGAAAGGCGAGUGAGGUCU GGAUUAUU	31834
<u> </u>		AAUCCGCA G CCGUUGCC	13460	GGCAACGG GCCGAAAGGCGAGUGAGGUCU UGCGGAUU	31835
9752	1278				
9755	1275	CCGCAGCC G UUGCCCCA	13461	UGGGGCAA GCCGAAAGGCGAGUGAGGUCU GGCUGCGG	31836
9758	1272	CAGCCGUU G CCCCAGCC	13462	GGCUGGGG GCCGAAAGGCGAGUGAGGUCU AACGGCUG	31837
9764	1266	UUGCCCCA G CCCCUGUC	13463	GACAGGGG GCCGAAAGGCGAGUGAGGUCU UGGGGCAA	31838
9770	1260	CAGCCCCU G UCCACCAC	13464	GUGGUGGA GCCGAAAGGCGAGUGAGGUCU AGGGGCUG	31839
9784	1246	CACUCCUU G UCUGCACA	13465	UGUGCAGA GCCGAAAGGCGAGUGAGGUCU AAGGAGUG	31840
9788	1242	CCUUGUCU G CACACAAA	13466	UUUGUGUG GCCGAAAGGCGAGUGAGGUCU AGACAAGG	31841
9798	1232	ACACAAAA G CUGGGUCA	13467	UGACCCAG GCCGAAAGGCGAGUGAGGUCU UUUUGUGU	31842
9803	1227	AAAGCUGG G UCAGCACG	13468	CGUGCUGA GCCGAAAGGCGAGUGAGGUCU CCAGCUUU	31843
9807	1223	CUGGGUCA G CACGUUUG	13469	CAAACGUG GCCGAAAGGCGAGUGAGGUCU UGACCCAG	31844
9811	1219	GUCAGCAC G UUUGUCAU	13470	AUGACAAA GCCGAAAGGCGAGUGAGGUCU GUGCUGAC	31845
9815	1215	GCACGUUU G UCAUUGUG	13471	CACAAUGA GCCGAAAGGCGAGUGAGGUCU AAACGUGC	31846
-		UUGUCAUU G UGAGCUUC		GAAGCUCA GCCGAAAGGCGAGUGAGGUCU AAUGACAA	<del></del>
9821	1209		13472		31847
9825	1205	CAUUGUGA G CUUCUCCC	13473	GGGAGAAG GCCGAAAGGCGAGUGAGGUCU UCACAAUG	31848
9837	1193	CUCCCAUG G UCGGGCAC	13474	GUGCCCGA GCCGAAAGGCGAGUGAGGUCU CAUGGGAG	31849
9842	1188	AUGGUCGG G CACGCAGC	13475	GCUGCGUG GCCGAAAGGCGAGUGAGGUCU CCGACCAU	31850
9846	1184	UCGGGCAC G CAGCUUUG	13476	CAAAGCUG GCCGAAAGGCGAGUGAGGUCU GUGCCCGA	31851
9849	1181	GGCACGCA G CUUUGGUG	13477	CACCAAAG GCCGAAAGGCGAGUGAGGUCU UGCGUGCC	31852
9855	1175	CAGCUUUG G UGGAGAGA	13478	UCUCUCCA GCCGAAAGGCGAGUGAGGUCU CAAAGCUG	31853
9866	1164	GAGAGAUC G CUGACGGU	13479	ACCGUCAG GCCGAAAGGCGAGUGAGGUCU GAUCUCUC	31854
9873	1157	CGCUGACG G UAGCCAAA	13480	UUUGGCUA GCCGAAAGGCGAGUGAGGUCU CGUCAGCG	31855
9876	1154	UGACGGUA G CCAAAUAG	13481	CUAUUUGG GCCGAAAGGCGAGUGAGGUCU UACCGUCA	31856
9884	1146	GCCAAAUA G CAAUAACU	13482	AGUUAUUG GCCGAAAGGCGAGUGAGGUCU UAUUUGGC	31857
9893	1137	CAAUAACU G CGGACCUC	13483	GAGGUCCG GCCGAAAGGCGAGUGAGGUCU AGUUAUUG	31858
9903	1127	GGACCUCU G CCAGGUUG	13484	CAACCUGG GCCGAAAGGCGAGUGAGGUCU AGAGGUCC	31859
9908	1122	UCUGCCAG G UUGACCGC	13485	GCGGUCAA GCCGAAAGGCGAGUGAGGUCU CUGGCAGA	31860
		GGUUGACC G CCUCCAUA	13486		
9915	1115		<del></del>	UAUGGAGG GCCGAAAGGCGAGUGAGGUCU GGUCAACC	31861
9945	1085	CAUCGAUG G UAGGCUUG	13487	CAAGCCUA GCCGAAAGGCGAGUGAGGUCU CAUCGAUG	31862
9949	1081	GAUGGUAG G CUUGUCCU	13488	AGGACAAG GCCGAAAGGCGAGUGAGGUCU CUACCAUC	31863
9953	1077	GUAGGCUU G UCCUUAGA	13489	UCUAAGGA GCCGAAAGGCGAGUGAGGUCU AAGCCUAC	31864
9969	1061	ACAUGAUA G UCACGCAG	13490	<u> </u>	31865
9974	1056	AUAGUCAC G CAGCUGUC	13491	GACAGCUG GCCGAAAGGCGAGUGAGGUCU GUGACUAU	31866
9977	1053	GUCACGCA G CUGUCGCC	13492	GGCGACAG GCCGAAAGGCGAGUGAGGUCU UGCGUGAC	31867
9980	1050	ACGCAGCU G UCGCCUUC	13493	GAAGGCGA GCCGAAAGGCGAGUGAGGUCU AGCUGCGU	31868
9983	1047	CAGCUGUC G CCUUCGAG	13494	CUCGAAGG GCCGAAAGGCGAGUGAGGUCU GACAGCUG	31869
10008	1022	CCACCCAU G UUGCUCCA	13495		31870
10011	1019	CCCAUGUU G CUCCAGAC	13496	GUCUGGAG GCCGAAAGGCGAGUGAGGUCU AACAUGGG	31871
10034	996	UCCAAGAA G UCUCUGUU	13497	AACAGAGA GCCGAAAGGCGAGUGAGGUCU UUCUUGGA	31872
10040	990	AAGUCUCU G UUGCUCAU	13498		31873
	<del></del>	UCUCUGUU G CUCAUUCC	+		
10043	987		13499	<del> </del>	31874
10055	975	AUUCCAAG G CAGUUGAA	13500	UUCAACUG GCCGAAAGGCGAGUGAGGUCU CUUGGAAU	31875
10058	972	CCAAGGCA G UUGAAGCU	13501	<del> </del>	31876
10064	966	CAGUUGAA G CUGUAAGC	13502	GCUUACAG GCCGAAAGGCGAGUGAGGUCU UUCAACUG	31877
10067	963	UUGAAGCU G UAAGCUGG	13503	CCAGCUUA GCCGAAAGGCGAGUGAGGUCU AGCUUCAA	31878
10071	959	AGCUGUAA G CUGGGGCC	13504	GGCCCCAG GCCGAAAGGCGAGUGAGGUCU UUACAGCU	31879
10077	953	AAGCUGGG G CCACCAAA	13505	UUUGGUGG GCCGAAAGGCGAGUGAGGUCU CCCAGCUU	31880
10087	943	CACCAAAA G CAAUAGCA	13506	UGCUAUUG GCCGAAAGGCGAGUGAGGUCU UUUUGGUG	31881
10093	937	AAGCAAUA G CACGACAA	13507	<del></del>	31882
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10114	916	AACUCUCU G CAUGGUGU	13508	ACACCAUG GCCGAAAGGCGAGUGAGGUCU AGAGAGUU	31883
10119	911	UCUGCAUG G UGUUGCUC	13509	GAGCAACA GCCGAAAGGCGAGUGAGGUCU CAUGCAGA	31884
10121	909	UGCAUGGU G UUGCUCCC	13510	GGGAGCAA GCCGAAAGGCGAGUGAGGUCU ACCAUGCA	31885
10124	906	AUGGUGUU G CUCCCAAG	13511	CUUGGGAG GCCGAAAGGCGAGUGAGGUCU AACACCAU	31886
10132	898	GCUCCCAA G CAUCCAAC	13512	GUUGGAUG GCCGAAAGGCGAGUGAGGUCU UUGGGAGC	31887
10149	881	CAAUGACG G CUGCCACC	13513	GGUGGCAG GCCGAAAGGCGAGUGAGGUCU CGUCAUUG	31888
10152	878	UGACGGCU G CCACCAGG	13514	CCUGGUGG GCCGAAAGGCGAGUGAGGUCU AGCCGUCA	31889
10161	869	CCACCAGG G CAUAUCCA	13515	UGGAUAUG GCCGAAAGGCGAGUGAGGUCU CCUGGUGG	31890
10172	858	UAUCCAGG G UUCCUCAA	13516	UUGAGGAA GCCGAAAGGCGAGUGAGGUCU CCUGGAUA	31891
10194	836	AUGAUUCU G UUUUUACC	13517	GGUAAAAA GCCGAAAGGCGAGUGAGGUCU AGAAUCAU	31892
10212	818	AAUACCUU G UGGCCUUG	13518	CAAGGCCA GCCGAAAGGCGAGUGAGGUCU AAGGUAUU	31893
10215	815	ACCUUGUG G CCUUGGUG	13519	CACCAAGG GCCGAAAGGCGAGUGAGGUCU CACAAGGU	31894
10221	809	UGGCCUUG G UGCUGUCC	13520	GGACAGCA GCCGAAAGGCGAGUGAGGUCU CAAGGCCA	31895
10223	807	GCCUUGGU G CUGUCCAU	13521	AUGGACAG GCCGAAAGGCGAGUGAGGUCU ACCAAGGC	31896
10226		UUGGUGCU G UCCAUCCA	13522	UGGAUGGA GCCGAAAGGCGAGUGAGGUCU AGCACCAA	
	804				31897
10236	794	CCAUCCAA G CCCCCUUC	13523	GAAGGGG GCCGAAAGGCGAGUGAGGUCU UUGGAUGG	31898
10247	783	CCCUUCUU G UUCGCUAG	13524	CUAGCGAA GCCGAAAGGCGAGUGAGGUCU AAGAAGGG	31899
10251	779	UCUUGUUC G CUAGAGUG	13525	CACUCUAG GCCGAAAGGCGAGUGAGGUCU GAACAAGA	31900
10257	773	UCGCUAGA G UGCUUUCU	13526	AGAAAGCA GCCGAAAGGCGAGUGAGGUCU UCUAGCGA	31901
10259	771	GCUAGAGU G CUUUCUCC	13527	GGAGAAAG GCCGAAAGGCGAGUGAGGUCU ACUCUAGC	31902
10268	762	CUUUCUCC G UGUGUCUG	13528	CAGACACA GCCGAAAGGCGAGUGAGGUCU GGAGAAAG	31903
10270	760	UUCUCCGU G UGUCUGCA	13529	UGCAGACA GCCGAAAGGCGAGUGAGGUCU ACGGAGAA	31904
10272	758	CUCCGUGU G UCUGCACU	13530	AGUGCAGA GCCGAAAGGCGAGUGAGGUCU ACACGGAG	31905
10276	754	GUGUGUCU G CACUGUCA	13531	UGACAGUG GCCGAAAGGCGAGUGAGGUCU AGACACAC	31906
10281	749	UCUGCACU G UCAGUGAC	13532	GUCACUGA GCCGAAAGGCGAGUGAGGUCU AGUGCAGA	31907
10285	745	CACUGUCA G UGACCUCC	13533	GGAGGUCA GCCGAAAGGCGAGUGAGGUCU UGACAGUG	31908
10298	732	CUCCGACU G CGUCUUGA	13534	UCAAGACG GCCGAAAGGCGAGUGAGGUCU AGUCGGAG	31909
10300	730	CCGACUGC G UCUUGAGU	13535	ACUCAAGA GCCGAAAGGCGAGUGAGGUCU GCAGUCGG	31910
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10310	720	CUUGAGUG G CGUGUCUU	13537	AAGACACG GCCGAAAGGCGAGUGAGGUCU CACUCAAG	31912
10312	718	UGAGUGGC G UGUCUUGG	13538	CCAAGACA GCCGAAAGGCGAGUGAGGUCU GCCACUCA	31913
10314	716	AGUGGCGU G UCUUGGUG	13539	CACCAAGA GCCGAAAGGCGAGUGAGGUCU ACGCCACU	31914
10320	710	GUGUCUUG G UGCAUCUU	13540	AAGAUGCA GCCGAAAGGCGAGUGAGGUCU CAAGACAC	31914
10322	708	GUCUUGGU G CAUCUUCC	13541		
		<del></del>		GGAAGAUG GCCGAAAGGCGAGUGAGGUCU ACCAAGAC	31916
10340	690	UACCUGAC G UAGACUGC	13542	GCAGUCUA GCCGAAAGGCGAGUGAGGUCU GUCAGGUA	31917
10347	683	CGUAGACU G CUGACUUU	13543	AAAGUCAG GCCGAAAGGCGAGUGAGGUCU AGUCUACG	31918
10356	674	CUGACUUU G UGCACCAA	13544	UUGGUGCA GCCGAAAGGCGAGUGAGGUCU AAAGUCAG	31919
10358	672	GACUUUGU G CACCAACA	13545	UGUUGGUG GCCGAAAGGCGAGUGAGGUCU ACAAAGUC	31920
10367	663	CACCAACA G UCGAUGUC	13546	GACAUCGA GCCGAAAGGCGAGUGAGGUCU UGUUGGUG	31921
10373	657	CAGUCGAU G UCUUCUGG	13547	CCAGAAGA GCCGAAAGGCGAGUGAGGUCU AUCGACUG	31922
10392	638	CAUUACCA G CCGACAGC	13548	GCUGUCGG GCCGAAAGGCGAGUGAGGUCU UGGUAAUG	31923
10399	631	AGCCGACA G CACUGGGC	13549	GCCCAGUG GCCGAAAGGCGAGUGAGGUCU UGUCGGCU	31924
10406	624	AGCACUGG G CAUUCAUA	13550	UAUGAAUG GCCGAAAGGCGAGUGAGGUCU CCAGUGCU	31925
10416	614	AUUCAUAA G UGAUAGUA	13551	UACUAUCA GCCGAAAGGCGAGUGAGGUCU UUAUGAAU	31926
10422	608	AAGUGAUA G UAUCAUCG	13552	CGAUGAUA GCCGAAAGGCGAGUGAGGUCU UAUCACUU	31927
10430	600	GUAUCAUC G CACAUGUA	13553	UACAUGUG GCCGAAAGGCGAGUGAGGUCU GAUGAUAC	31928
10436	594	UCGCACAU G UAUCCCAC	13554	GUGGGAUA GCCGAAAGGCGAGUGAGGUCU AUGUGCGA	31929
10452	578	CAUCCAUU G CUCUGACA	13555		31930
10463	567	CUGACAAU G CAUAGGUU	13556	AACCUAUG GCCGAAAGGCGAGUGAGGUCU AUUGUCAG	31931
10469	561	AUGCAUAG G UUCUUUCC	13557		31932
10479	551	UCUUUCCA G CAGCUGUU	13558	AACAGCUG GCCGAAAGGCGAGUGAGGUCU UGGAAAGA	31933
10482	548	UUCCAGCA G CUGUUGGA	13559		
10485	545	CAGCAGCU G UUGGAAUC			31934
10494	536	UUGGAAUC G UGAUGACA	13560	GAUUCCAA GCCGAAAGGCGAGUGAGGUCU AGCUGCUG	31935
10506	524	UGACAUCU G UGACGUCA	13561	UGUCAUCA GCCGAAAGGCGAGUGAGGUCU GAUUCCAA	31936
10506			13562	UGACGUCA GCCGAAAGGCGAGUGAGGUCU AGAUGUCA	31937
<u></u>	519	UCUGUGAC G UCAGUAGC	13563	GCUACUGA GCCGAAAGGCGAGUGAGGUCU GUCACAGA	31938
10515	515	UGACGUCA G UAGCAUUU	13564	AAAUGCUA GCCGAAAGGCGAGUGAGGUCU UGACGUCA	31939
10518	512	CGUCAGUA G CAUUUACC	13565	GGUAAAUG GCCGAAAGGCGAGUGAGGUCU UACUGACG	31940
10527	503	CAUUUACC G UCAUCAUC	13566	GAUGAUGA GCCGAAAGGCGAGUGAGGUCU GGUAAAUG	31941
10550	480	CCUUGGAA G UUAGAGAG	13567	CUCUCUAA GCCGAAAGGCGAGUGAGGUCU UUCCAAGG	31942
10560	470	UAGAGAGG G UAACUGCU	13568	AGCAGUUA GCCGAAAGGCGAGUGAGGUCU CCUCUCUA	31943
10566	464	GGGUAACU G CUCCUACG	13569	CGUAGGAG GCCGAAAGGCGAGUGAGGUCU AGUUACCC	31944

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10574	456	GCUCCUAC G CUGGCGAU	13570	AUCGCCAG GCCGAAAGGCGAGUGAGGUCU GUAGGAGC	31945
10578	452	CUACGCUG G CGAUCAGG	13571	CCUGAUCG GCCGAAAGGCGAGUGAGGUCU CAGCGUAG	31946
10586	444	GCGAUCAG G CCAAUCAU	13572	AUGAUUGG GCCGAAAGGCGAGUGAGGUCU CUGAUCGC	31947
10599	431	UCAUGACU G CAAUUCCG	13573	CGGAAUUG GCCGAAAGGCGAGUGAGGUCU AGUCAUGA	31948
10608	422	CAAUUCCG G UCUUUCCU	13574	AGGAAAGA GCCGAAAGGCGAGUGAGGUCU CGGAAUUG	31949
10630	400	UUUCUUUU G UUUUGAGC	13575	GCUCAAAA GCCGAAAGGCGAGUGAGGUCU AAAAGAAA	31950
10637	393	UGUUUUGA G CUCCGCCG	13576	CGGCGGAG GCCGAAAGGCGAGUGAGGUCU UCAAAACA	31951
10642	388	UGAGCUCC G CCGAUUGA	13577	UCAAUCGG GCCGAAAGGCGAGUGAGGUCU GGAGCUCA	31952
10653	377	GAUUGAUA G CACUGGUC	13578	GACCAGUG GCCGAAAGGCGAGUGAGGUCU UAUCAAUC	31953
10659	371	UAGCACUG G UCAAGGUC	13579	GACCUUGA GCCGAAAGGCGAGUGAGGUCU CAGUGCUA	31954
10665	365	UGGUCAAG G UCCCUAGU	13580	ACUAGGA GCCGAAAGGCGAGUGAGGUCU CUUGACCA	31955
10672	358	GGUCCCUA G UUCCUUCU	13581	AGAAGGAA GCCGAAAGGCGAGUGAGGUCU UAGGGACC	31956
10694	336	CUCAGAAG G UGUUUCAU	13582	AUGAAACA GCCGAAAGGCGAGUGAGGUCU CUUCUGAG	31957
10696	334	CAGAAGGU G UUUCAUCG	13583	CGAUGAAA GCCGAAAGGCGAGUGAGGUCU ACCUUCUG	31958
10704	326	GUUUCAUC G CUGUUUGU	13584	ACAAACAG GCCGAAAGGCGAGUGAGGUCU GAUGAAAC	31959
10707	323	UCAUCGCU G UUUGUUUG	13585	CAAACAAA GCCGAAAGGCGAGUGAGGUCU AGCGAUGA	31960
10711	319	CGCUGUUU G UUUGUUCA	13586	UGAACAAA GCCGAAAGGCGAGUGAGGUCU AAACAGCG	31961
10715	315	GUUUGUUU G UUCACACC	13587	GGUGUGAA GCCGAAAGGCGAGUGAGGUCU AAACAAAC	31962
10738	292	UCGAUCCA G CACUGCUC	13588	GAGCAGUG GCCGAAAGGCGAGUGAGGUCU UGGAUCGA	31963
10743	287	CCAGCACU G CUCGGGUC	13589	GACCCGAG GCCGAAAGGCGAGUGAGGUCU AGUGCUGG	31964
10749	281	CUGCUCGG G UCGGAGCA	13590	UGCUCCGA GCCGAAAGGCGAGUGAGGUCU CCGAGCAG	31965
10755	275	GGGUCGGA G CAAUUGCU	13591	AGCAAUUG GCCGAAAGGCGAGUGAGGUCU UCCGACCC	31966
10761	269	GAGCAAUU G CUGUGAAC	13592	GUUCACAG GCCGAAAGGCGAGUGAGGUCU AAUUGCUC	31967
10764	266	CAAUUGCU G UGAACCUG	13593	CAGGUUCA GCCGAAAGGCGAGUGAGGUCU AGCAAUUG	31968
10779	251	UGAAGAAC G CCAAGAGA	13594	UCUCUUGG GCCGAAAGGCGAGUGAGGUCU GUUCUUCA	31969
10788	242	CCAAGAGA G CCAACACA	13595	UGUGUUGG GCCGAAAGGCGAGUGAGGUCU UCUCUUGG	31970
10801	229	CACAAAUC G UAUUGGCC	13596	GGCCAAUA GCCGAAAGGCGAGUGAGGUCU GAUUUGUG	31971
10807	223	UCGUAUUG G CCCCUUGC	13597	GCAAGGG GCCGAAAGGCGAGUGAGGUCU CAAUACGA	31972
10814	216	GGCCCCUU G CCGUCGAU	13598	AUCGACGG GCCGAAAGGCGAGUGAGGUCU AAGGGGCC	31973
10817	213	CCCUUGCC G UCGAUCAG	13599	CUGAUCGA GCCGAAAGGCGAGUGAGGUCU GGCAAGGG	31974
10826	204	UCGAUCAG G CUCAACAU	13600	AUGUUGAG GCCGAAAGGCGAGUGAGGUCU CUGAUCGA	31975
10836	194	UCAACAUA G CCCUCUUC	13601	GAAGAGGG GCCGAAAGGCGAGUGAGGUCU UAUGUUGA	31976
10846	184	CCUCUUCA G UCCAAUCA	13602	UGAUUGGA GCCGAAAGGCGAGUGAGGUCU UGAAGAGG	31977
10865	165	GACAACAC G CGGGGCAU	13603	AUGCCCCG GCCGAAAGGCGAGUGAGGUCU GUGUUGUC	31978
10870	160	CACGCGGG G CAUUCCGC	13604	GCGGAAUG GCCGAAAGGCGAGUGAGGUCU CCCGCGUG	31979
10877	153	GGCAUUCC G CGUUUUAG	13605	CUAAAACG GCCGAAAGGCGAGUGAGGUCU GGAAUGCC	31980
10879	151	CAUUCCGC G UUUUAGCA	13606	UGCUAAAA GCCGAAAGGCGAGUGAGGUCU GCGGAAUG	31981
10885	145	GCGUUUUA G CAUAUUGA	13607	UCAAUAUG GCCGAAAGGCGAGUGAGGUCU UAAAACGC	31982
10896	134	UAUUGACA G CCCGGCUC	13608	GAGCCGGG GCCGAAAGGCGAGUGAGGUCU UGUCAAUA	31983
10901	129	ACAGCCCG G CUCUUGCC	13609	GGCAAGAG GCCGAAAGGCGAGUGAGGUCU CGGGCUGU	31984
10907	123	CGGCUCUU G CCGGGCCC	13610	GGGCCGG GCCGAAAGGCGAGUGAGGUCU AAGAGCCG	31985
10912	118	CUUGCCGG G CCCUCCUG	13611	CAGGAGGG GCCGAAAGGCGAGUGAGGUCU CCGGCAAG	31986
10921	109	CCCUCCUG G UUUCUUAG	13612	CUAAGAAA GCCGAAAGGCGAGUGAGGUCU CAGGAGGG	31987
10944	86	AGAUCUUC G UGCUAAGA	13612	UCUUAGCA GCCGAAAGGCGAGUGAGGUCU GAAGAUCU	31988
10946		AUCUUCGU G CUAAGAAA	13614		31989
10957	73	AAGAAACA G CUCGCACU	13615		31990
10961	69	AACAGCUC G CACUGUGU	13616		31991
10966		CUCGCACU G UGUUAAUU	13617		31992
10968	62	CGCACUGU G UUAAUUGU	13618		31993
10988	55	UGUUAAUU G UUGUUAAU	13619		31994
10978	52	UAAUUGUU G UUAAUCCU	13620		31994
11002	28	ACUACUAA G UUUGUCAG	13621	CUGACAAA GCCGAAAGGCGAGUGAGGUCU UUAGUAGU	31996
11002	24	CUAAGUUU G UCAGCUCA	13621	<del></del>	31996
11010	20	GUUUGUCA G CUCACACA	13623		31997
	10	<del> </del>		<u> </u>	<del> </del>
11020	1 +0	UCACACAG G CGAACUAC	13624	GUAGUUCG GCCGAAAGGCGAGUGAGGUCU CUGUGUGA	31999

Input Sequence = AF196835_rc. Cut Site = G/Y
Arm Length = 8. Core Sequence = GCCGAAAGGCGAGUCAAGGUCU
AF196835_rc reverse complement of West Nile virus strain NY99-flamingo382-99,
complete genome

Table XI: WNV minus strand DNAzyme and Target Sequence

Pos	Pos	Substrate	Seq ID	DNAzyme Sequence	Seq ID
	(+str)	CONTROL & MOCONCOLL	7202	ACCTGGGA GGCTAGCTACAACGA AGACTAGG	32000
88	10942	CCUAGUCU A UCCCAGGU	7383	AAACAGCA GGCTAGCTACAACGA AGACTAGG	
103	10927	GUGUCAAU A UGCUGUUU	7386	TGAAGCTG GGCTAGCTACAACGA ATTGACAC TGAAGCTG GGCTAGCTACAACGA AGGTCAGG	32001 32002
169	10861	CCUGACCU A CAGCUUCA	7402	AGCCCGG GGCTAGCTACAACGA AATGGTGT	32002
253	10777	ACACCAUU A CCGGGGCU GGGGCACU A UCGCAGAC	7422	GTCTGCGA GGCTAGCTACAACGA AGTGCCCC	32003
316	10714	UUGAAGUU A CAACAUGU	7444	ACATGTTG GGCTAGCTACAACGA AACTTCAA	32004
381	10649	GAGGGCUU A CAUGGAUC	7452	GATCCATG GGCTAGCTACAACGA AACTTCAA	32005
423	10607	CACCGUCU A CUCAACUU	7465	AAGTTGAG GGCTAGCTACAACGA AGACGGTG	32007
489	10541	UCUUAACU A UUUACACU	7482	AGTGTAAA GGCTAGCTACAACGA AGTTAAGA	32007
549 553	10481	AACUAUUU A CACUAACA	7485	TGTTAGTG GGCTAGCTACAACGA AATTAGTT	32009
571	10477	CACUAAAU A CUACUAUA	7488	TATAGTAG GGCTAGCTACAACGA ATTTAGTG	32010
574	10456	UAAAUACU A CUAUAAAA	7489	TTTTATAG GGCTAGCTACAACGA AGTATTTA	32011
577	10453	AUACUACU A UAAAACUA	7490	TAGTTTTA GGCTAGCTACAACGA AGTAGTAT	32012
585	10435	AUAAAACU A CACUUUUA	7492	TAAAAGTG GGCTAGCTACAACGA AGTTTTAT	32013
593	10437	ACACUUUU A UGCAUACU	7496	AGTATGCA GGCTAGCTACAACGA AAAAGTGT	32014
599	10431	UUAUGCAU A CUUAUAUU	7497	AATATAAG GGCTAGCTACAACGA ATGCATAA	32015
603	10427	GCAUACUU A UAUUGUCU	7499	AGACAATA GGCTAGCTACAACGA AAGTATGC	32016
605	10425	AUACUUAU A UUGUCUAU	7500	ATAGACAA GGCTAGCTACAACGA ATAAGTAT	32017
612	10418	UAUUGUCU A UUUACAAU	7503	ATTGTAAA GGCTAGCTACAACGA AGACAATA	32018
616	10414	GUCUAUUU A CAAUUGAU	7506	ATCAATTG GGCTAGCTACAACGA AAATAGAC	32019
630	10400	GAUUAAAU A UCUACAGU	7510	ACTGTAGA GGCTAGCTACAACGA ATTTAATC	32020
634	10396	AAAUAUCU A CAGUACUG	7512	CAGTACTG GGCTAGCTACAACGA AGATATTT	32021
639	10391	UCUACAGU A CUGUGUCC	7513	GGACACAG GGCTAGCTACAACGA ACTGTAGA	32022
670	10360	GUCUUCAU A UCUCUUUA	7520	TAAAGAGA GGCTAGCTACAACGA ATGAAGAC	32023
700	10330	AUCCACAU A CUUCUCAU	7529	ATGAGAAG GGCTAGCTACAACGA ATGTGGAT	32024
823	10207	UCCUGAAU A UGGGACGU	7555	ACGTCCCA GGCTAGCTACAACGA ATTCAGGA	32025
882	10148	UCUCCUCU A UCCAAACA	7575	TGTTTGGA GGCTAGCTACAACGA AGAGGAGA	32026
1039	9991	GUGGAAGU A CAGAAGCA	7600	TGCTTCTG GGCTAGCTACAACGA ACTTCCAC	32027
1116	9914	CUGGAGAU A UGCGAGCU	7609	AGCTCGCA GGCTAGCTACAACGA ATCTCCAG	32028
1131	9899	CUCUGCCU A CCAAUUCA	7611	TGAATTGG GGCTAGCTACAACGA AGGCAGAG	32029
1234	9796	CCAAUCAU A CCAUCCAG	7631	CTGGATGG GGCTAGCTACAACGA ATGATTGG	32030
1335	9695	GGGGCUUU A CCACACAG	7650	CTGTGTGG GGCTAGCTACAACGA AAAGCCCC	32031
2145	8885	CCUUUCUU A UGAAUUCC	7816	GGAATTCA GGCTAGCTACAACGA AAGAAAGG	32032
2230	8800	GAGCACGU A CUUCACUC	7833	GAGTGAAG GGCTAGCTACAACGA ACGTGCTC	32033
2444	8586	CAGGUUCU A UAUGGGUG	7872	CACCCATA GGCTAGCTACAACGA AGAACCTG	32034
2446	8584	GGUUCUAU A UGGGUGGU	7873	ACCACCCA GGCTAGCTACAACGA ATAGAACC	32035
2482	8548	CGAACUGU A CUCACGCC	7879	GGCGTGAG GGCTAGCTACAACGA ACAGTTCG	32036
2519	8511	UUGAUUUU A CUGGUGUC	7891	GACACCAG GGCTAGCTACAACGA AAAATCAA	32037
2577	8453	CCAAGUUU A CAUCUUCC	7904	GGAAGATG GGCTAGCTACAACGA AAACTTGG	32038
2590	8440	UUCCUCGU A UUGGGGUC	7909	GACCCCAA GGCTAGCTACAACGA ACGAGGAA	32039
2648	8382	CUGGUCAU A UUCACUGA	7927	TCAGTGAA GGCTAGCTACAACGA ATGACCAG	32040
2661	8369	CUGAAUGU A CCACAUUG	7930	CAATGTGG GGCTAGCTACAACGA ACATTCAG	32041
2692	8338	CACCCAAU A CAUCUCGU	7934	ACGAGATG GGCTAGCTACAACGA ATTGGGTG	32042
2746	8284	CCCCCAU A CCGGCGUU	7943	AACGCCGG GGCTAGCTACAACGA ATGGGGGG	32043
2775	8255	UCUUCUCU A UGACUUUC	7950	GAAAGTCA GGCTAGCTACAACGA AGAGAAGA	32044
2873	8157	AUCGUCCU A UGCUCUUC	7968	GAAGAGCA GGCTAGCTACAACGA AGGACGAT	32045
3043	7987 7950	GUUGCGU A CCCUCUGA GUUGCCAU A UAGUAACA	B000	TCAGAGGG GGCTAGCTACAACGA ACACAAAG	32046
3271	7759	UUUGCGGU A CCUAGUGA	8012	TGTTACTA GGCTAGCTACAACGA ATGGCAAC TCACTAGG GGCTAGCTACAACGA ACCGCAAA	32047 32048
3381	7649	UGUUCUUU A UGAGUGUC	8092	GACACTCA GGCTAGCTACAACGA AACGAAACA	32048
3396	7634	UCCAUGUU A UGGAUAGA	8095	TCTATCCA GGCTAGCTACAACGA AACATGGA	32050
3531	7499	CUUCUCGU A CUGUCUUC	8114	GAAGACAG GGCTAGCTACAACGA ACGAGAAG	32051
3555	7475	GGUUCACU A CUACUGCA	8120	TGCAGTAG GGCTAGCTACAACGA AGTGAACC	32052
3558	7472	UCACUACU A CUGCAGCU	8121	AGCTGCAG GGCTAGCTACAACGA AGTAGTGA	32053
3666	7364	CAUCCACU A CAGCGUUC	8137	GAACGCTG GGCTAGCTACAACGA AGTGGATG	32054
3780	7250	CCGCUGUU A CCGUAACG	8152	CGTTACGG GGCTAGCTACAACGA AACAGCGG	32055
3900	7130	GAACGUUU A UUGAGGUC	8165	GACCTCAA GGCTAGCTACAACGA AAACGTTC	32056
3982	7048	CACAGCGU A CAGUGACC	8177	GGTCACTG GGCTAGCTACAACGA ACGCTGTG	32057
4077	6953	AACUGCUU A UGUCACUC	8193	GAGTGACA GGCTAGCTACAACGA AAGCAGTT	32058
	<del></del>	<del></del>		<u> </u>	

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4094	6936	UUGGUCUU A UCUAGCCA	8199	TGGCTAGA GGCTAGCTACAACGA AAGACCAA	32059
4323	6707	CCAAACCU A UCUUUCCA	8234	TGGAAAGA GGCTAGCTACAACGA AGGTTTGG	32060
4362	6668	GGAAGAAU A CUCCCAUG	8241	CATGGGAG GGCTAGCTACAACGA ATTCTTCC	32061
4480	6550	CACAACGU A CAUGGUGU	8264	ACACCATG GGCTAGCTACAACGA ACGTTGTG	32062
4554	6476	UGAGCCCU A UCUGAGAA	8277	TTCTCAGA GGCTAGCTACAACGA AGGGCTCA	32063
4615	6415	AUCCGAGU A CACCCUGG	8289	CCAGGGTG GGCTAGCTACAACGA ACTCGGAT	32064
4747	6283	GUCGUGGU A UGACACUC	8319	GAGTGTCA GGCTAGCTACAACGA ACCACGAC	32065
4849	6181	GAGCCGGU A UUCCCCAU	8340	ATGGGGAA GGCTAGCTACAACGA ACCGGCTC	32066
4865	6165	UCCAUGGU A UAUACCUU	8344	AAGGTATA GGCTAGCTACAACGA ACCATGGA	32067
4867	6163	CAUGGUAU A UACCUUCU	8345	AGAAGGTA GGCTAGCTACAACGA ATACCATG	32068
		UGGUAUAU A CCUUCUCA	8346	TGAGAAGG GGCTAGCTACAACGA ATATACCA	32069
4869	6161	AUAACAGU A CUCAUCAC	8374	GTGATGAG GGCTAGCTACAACGA ACTGTTAT	32070
5002	6028			CGTATCGG GGCTAGCTACAACGA AGAAATCC	32071
5030	6000	GGAUUUCU A CCGAUACG	8381		32072
5036	5994	CUACCGAU A CGUCCACG	8382	CGTGGACG GGCTAGCTACAACGA ATCGGTAG	
5115	5915	CUUCUGUU A UGAUGGUU	8400	AACCATCA GGCTAGCTACAACGA AACAGAAG	32073
5187	5843	UUUCAGAU A UGUCUGUU	8417	AACAGACA GGCTAGCTACAACGA ATCTGAAA	32074
5225	5805	UCGUUCUU A CAUUUUGG	8427	CCAAAATG GGCTAGCTACAACGA AAGAACGA	32075
5236	5794	UUUUGGGU A CUCCGUCU	8431	AGACGGAG GGCTAGCTACAACGA ACCCAAAA	32076
5248	5782	CGUCUCGU A CGACUUUC	8435	GAAAGTCG GGCTAGCTACAACGA ACGAGACG	32077
5271	5759	AUUGGACU A CUUUCUUU	8442	AAAGAAAG GGCTAGCTACAACGA AGTCCAAT	32078
5356	5674	CCCGGUGU A UUCUGUGA	8461	TCACAGAA GGCTAGCTACAACGA ACACCGGG	32079
5374	5656	CCAUUCGU A UCCAGAGU	8467	ACTCTGGA GGCTAGCTACAACGA ACGAATGG	32080
5481	5549	UCAUGAAU A UUGCCGCC	8483	GGCGGCAA GGCTAGCTACAACGA ATTCATGA	32081
5663	5367	UUUCCAUU A UGUUCUCU	8511	AGAGAACA GGCTAGCTACAACGA AATGGAAA	32082
5692	5338	UGUCUGGU A CCGGAUGG	8516	CCATCCGG GGCTAGCTACAACGA ACCAGACA	32083
5781	5249	UUCUGUUU A UGGCCUCU	8534	AGAGGCCA GGCTAGCTACAACGA AAACAGAA	32084
5822	5208	CUUGUUUU A CCGGCGCC	8545	GGCGCCGG GGCTAGCTACAACGA AAAACAAG	32085
5847	5183	GAUCCAGU A CAGUGAUC	8547	GATCACTG GGCTAGCTACAACGA ACTGGATC	32086
5925	5105	CCUGCACU A UCGCGCUU	8568	AAGCGCGA GGCTAGCTACAACGA AGTGCAGG	32087
5934	5096	UCGCGCUU A UGUAUGAG	8571	CTCATACA GGCTAGCTACAACGA AAGCGCGA	32088
5938	5092	GCUUAUGU A UGAGCCGU	8572	ACGGCTCA GGCTAGCTACAACGA ACATAAGC	32089
5955	5075	UGGGCAUU A UGACUCCA	8575	TGGAGTCA GGCTAGCTACAACGA AATGCCCA	32090
6003	5027	UGUCCACU A UUGGUGAG	8586	CTCACCAA GGCTAGCTACAACGA AGTGGACA	32091
6217	4813	GCCCCAGU A UGGGUCCA	8631	TGGACCCA GGCTAGCTACAACGA ACTGGGGC	32092
6266	4764	UUUGUUGU A UGCCAAAG	8642	CTTTGGCA GGCTAGCTACAACGA ACAACAAA	32093
6382	4648	CUUUUUGU A CUCCUUUG	8658	CAAAGGAG GGCTAGCTACAACGA ACAAAAAG	32094
6430	4600	CUUUGUGU A UUGGAGAG	8668	CTCTCCAA GGCTAGCTACAACGA ACACAAAG	32095
6441	4589	GGAGAGUU A UCCAAAAU	8671	ATTTTGGA GGCTAGCTACAACGA AACTCTCC	32096
6456	4574	AUCCAACU A CUGAGGGC	8674	GCCCTCAG GGCTAGCTACAACGA AGTTGGAT	32097
6484	4546	GGGGUGU A CGCACUAA	8676	TTAGTGCG GGCTAGCTACAACGA ACACCCCC	32098
6522	4508	GCAUCCAU A UCUUCCAA	8682	TTGGAAGA GGCTAGCTACAACGA ATGGATGC	32099
6659	4371	AUCCACAU A UCUGUUGA	8716	TCAACAGA GGCTAGCTACAACGA ATGTGGAT	32100
6818	4212	CCGCGUUU A CGGUUGGG	8740	CCCAACCG GGCTAGCTACAACGA AAACGCGG	32101
<del></del>		AGCUGCCU A UUCCGACC	8767	GGTCGGAA GGCTAGCTACAACGA AGGCAGCT	
6957 6978	4073 4052	ACAGCAGU A UCCUGUAC	8771	GTACAGGA GGCTAGCTACAACGA ACGCAGCT	32102 32103
6985		UAUCCUGU A CACAUCCA	8773	TGGATGTG GGCTAGCTACAACGA ACAGGATA	32103
	4045	UGAAUGUU A UGGCUCUC	8787	GAGAGCCA GGCTAGCTACAACGA ACAGGATA	
7068	3962			<u></u>	32105
7080	3950	CUCUCAGU A UCAUCCAA	8790	TTGGATGA GGCTAGCTAGAACGA ACTGAGAG	32106
7092	3938	UCCAAGCU A CCGCCAGU	8793	ACTGGCGG GGCTAGCTACAACGA AGCTTGGA	32107
7251	3779	CUGGUUGU A UCUUGAAG	8817	CTTCAAGA GGCTAGCTACAACGA ACAACCAG	32108
7281	3749	CCAAGUGU A CCACGUCU	8821	AGACGTGG GGCTAGCTACAACGA ACACTTGG	32109
7395	3635	CAAUCAGU A UAGCUGGC	8836	GCCAGCTA GGCTAGCTACAACGA ACTGATTG	32110
7493	3537	UCAAUCAU A UCAGCAUU	8846	AATGCTGA GGCTAGCTACAACGA ATGATTGA	32111
7502	3528	UCAGCAUU A UAAGCAUU	8849	AATGCTTA GGCTAGCTACAACGA AATGCTGA	32112
7565	3465	AUCUCCAU A CCAUACCA	8865	TGGTATGG GGCTAGCTACAACGA ATGGAGAT	32113
7570	3460	CAUACCAU A CCAACAGC	8866	GCTGTTGG GGCTAGCTACAACGA ATGGTATG	32114
7638	3392	AAUCUGUU A UCAACUUU	8875	AAAGTTGA GGCTAGCTACAACGA AACAGATT	32115
7743	3287	CAAUCUCU A CCCGGCCU	8895	AGGCCGGG GGCTAGCTACAACGA AGAGATTG	32116
7783	3247	UGUCUUGU A CCCAGGUC	8904	GACCTGGG GGCTAGCTACAACGA ACAAGACA	32117
7833	3197	UGACUGGU A UUAUCAAG	8912	CTTGATAA GGCTAGCTACAACGA ACCAGTCA	32118
7836	3194	CUGGUAUU A UCAAGUCA	8914	TGACTTGA GGCTAGCTACAACGA AATACCAG	32119
7874	3156	CACAAGGU A UGCGUCUC	8922	GAGACGCA GGCTAGCTACAACGA ACCTTGTG	32120
7892	3138	GGCCACGU A CAUGAUUU	8925	AAATCATG GGCTAGCTACAACGA ACGTGGCC	32121

7937				<del></del>	
	3093	UUCCACGU A UCAUUGAG	8935	CTCAATGA GGCTAGCTACAACGA ACGTGGAA	32122
8108	2922	UCUAAGCU A UUCCAAGC	8971	GCTTGGAA GGCTAGCTACAACGA AGCTTAGA	32123
8198	2832	AAUAAAAU A CUCUUUCC	8988	GGAAAGAG GGCTAGCTACAACGA ATTTTATT	32124
8272	2758	UGACUUGU A CAUUCCCU	9007	AGGGAATG GGCTAGCTACAACGA ACAAGTCA	32125
8411	2619	CCUUCCUU A UGAGCUUU	9040	AAAGCTCA GGCTAGCTACAACGA AAGGAAGG	32126
8461	2569	AGGGUAAU A CUUGUACC	9052	GGTACAAG GGCTAGCTACAACGA ATTACCCT	32127
8467	2563	AUACUUGU A CCGGUCCA	9054	TGGACCGG GGCTAGCTACAACGA ACAAGTAT	32128
8499	2531	CAUUGUGU A UGAACACU	9060	AGTGTTCA GGCTAGCTACAACGA ACACAATG	32129
8544	2486	UGAUGUCU A UGGCACAC	9069	GTGTGCCA GGCTAGCTACAACGA AGACATCA	32130
8622	2408	UGAGAGCU A UGGACCUA	9075	TAGGTCCA GGCTAGCTACAACGA AGCTCTCA	32131
8630	2400	AUGGACCU A UCACGAGC	9076	GCTCGTGA GGCTAGCTACAACGA AGGTCCAT	32132
8685	2345	CUUGCGUU A UCCAGGAC	9083	GTCCTGGA GGCTAGCTACAACGA AACGCAAG	32133
8913	2117	CCACCACU A UGUAUGAG	9117	CTCATACA GGCTAGCTACAACGA AGTGGTGG	32134
		<del></del>	9118		
8917	2113	CACUAUGU A UGAGUCUC		GAGACTCA GGCTAGCTACAACGA ACATAGTG	32135
9079	1951	GCCAGUGU A CUGCAAUU	9141	AATTGCAG GGCTAGCTACAACGA ACACTGGC	32136
9200	1830	UUCACUCU A CACUUCAA	9164	TTGAAGTG GGCTAGCTACAACGA AGAGTGAA	32137
9306	1724	CCAAUGCU A UCACAGAC	9178	GTCTGTGA GGCTAGCTACAACGA AGCATTGG	32138
9374	1656	CACACAGU A CUUCCAGC	9194	GCTGGAAG GGCTAGCTACAACGA ACTGTGTG	32139
9463	1567	CACGUAGU A UGCAUUGG	9209	CCAATGCA GGCTAGCTACAACGA ACTACGTG	32140
9517	1513	CUCUCCAU A UUCUCCAA	9219	TTGGAGAA GGCTAGCTACAACGA ATGGAGAG	32141
9538	1492	UAGUGUGU A UGAAGGCG	9226	CGCCTTCA GGCTAGCTACAACGA ACACACTA	32142
9655	1375	CACUUCGU A CUUGAUAU	9240	ATATCAAG GGCTAGCTACAACGA ACGAAGTG	32143
9662	1368	UACUUGAU A UUCUCUUU	9242	AAAGAGAA GGCTAGCTACAACGA ATCAAGTA	32144
9687	1343	UUCUUCCU A UUGCCUUG	9253	CAAGGCAA GGCTAGCTACAACGA AGGAAGAA	32145
9923	1107	GCCUCCAU A UUCAUCAU	9289	ATGATGAA GGCTAGCTACAACGA ATGGAGGC	32146
10165	865	CAGGGCAU A UCCAGGGU	9327	ACCCTGGA GGCTAGCTACAACGA ATGCCCTG	32147
10200	830	CUGUUUUU A CCAAAUAC	9339	GTATTTGG GGCTAGCTACAACGA AAAAACAG	32148
10207	823	UACCAAAU A CCUUGUGG	9340	CCACAAGG GGCTAGCTACAACGA ATTTGGTA	32149
10333	697	UCUUCCAU A CCUGACGU	9365	ACGTCAGG GGCTAGCTACAACGA ATGGAAGA	32150
10388	642	GGAUCAUU A CCAGCCGA	9375	TCGGCTGG GGCTAGCTACAACGA AATGATCC	32151
10424	606	GUGAUAGU A UCAUCGCA	9380	TGCGATGA GGCTAGCTACAACGA ACTATCAC	32152
10438	592	GCACAUGU A UCCCACAU	9383	ATGTGGGA GGCTAGCTACAACGA ACATGTGC	32153
10524	506	UAGCAUUU A CCGUCAUC	9401	GATGACGG GGCTAGCTACAACGA AAATGCTA	32154
10572	458	CUGCUCCU A CGCUGGCG	9412	CGCCAGCG GGCTAGCTACAACGA AGGAGCAG	32155
10803	227	CAAAUCGU A UUGGCCCC	9464	GGGGCCAA GGCTAGCTACAACGA AGGATTTG	
10889	141	UUUAGCAU A UUGACAGC	9482	GCTGTCAA GGCTAGCTACAACGA ACGATITG	32156
	33	CAAACACU A CUAAGUUU	9506		32157
10997	ļ			AAACTTAG GGCTAGCTACAACGA AGTGTTTG	32158
18	11012	GUUCUCGC A CCACCAGC	9513	GCTGGTGG GGCTAGCTACAACGA GCGAGAAC	32159
21	11009	CUCGCACC A CCAGCCAC	9515	GTGGCTGG GGCTAGCTACAACGA GGTGCGAG	32160
28	11002	CACCAGCC A CCAUUGUC	9519	GACAATGG GGCTAGCTACAACGA GGCTGGTG	32161
31	10999	CAGCCACC A UUGUCGGC	9521	GCCGACAA GGCTAGCTACAACGA GGTGGCTG	32162
42	10988	GUCGGCGC A CUGUGCCG	9522	CGGCACAG GGCTAGCTACAACGA GCGCCGAC	
131	10899	1000000000000000000000000000000000000			32163
		UUUGUGGC A CGGGGUCU	9537	AGACCCCG GGCTAGCTACAACGA GCCACAAA	32163 32164
142	10888	GGGUCUCC A CUAACCUC	9540	GAGGTTAG GGCTAGCTACAACGA GGAGACCC	
195	10888 10835	GGGUCUCC A CUAACCUC GGCCGUGC A CUUUAAAC			32164
<del></del>		GGGUCUCC A CUAACCUC	9540	GAGGTTAG GGCTAGCTACAACGA GGAGACCC	32164 32165
195	10835	GGGUCUCC A CUAACCUC GGCCGUGC A CUUUAAAC	9540 9559	GAGGTTAG GGCTAGCTACAACGA GGAGACCC GTTTAAAG GGCTAGCTACAACGA GCACGGCC	32164 32165 32166
195 247	10835 10783	GGGUCUCC A CUAACCUC GGCCGUGC A CUUUAAAC UGGUUAAC A CCAUUACC	9540 9559 9574	GAGGTTAG GGCTAGCTACAACGA GGAGACCC GTTTAAAG GGCTAGCTACAACGA GCACGGCC GGTAATGG GGCTAGCTACAACGA GTTAACCA	32164 32165 32166 32167
195 247 250	10835 10783 10780	GGGUCUCC A CUAACCUC GGCCGUGC A CUUUAAAC UGGUUAAC A CCAUUACC UUAACACC A UUACCGGG	9540 9559 9574 9576	GAGGTTAG GGCTAGCTACAACGA GGAGACCC GTTTAAAG GGCTAGCTACAACGA GCACGGCC GGTAATGG GGCTAGCTACAACGA GTTAACCA CCCGGTAA GGCTAGCTACAACGA GGTGTTAA	32164 32165 32166 32167 32168
195 247 250 313	10835 10783 10780 10717	GGGUCUCC A CUAACCUC GGCCGUGC A CUUUAAAC UGGUUAAC A CCAUUACC UUAACACC A UUACCGGG CCUGGGGC A CUAUCGCA	9540 9559 9574 9576 9589	GAGGTTAG GGCTAGCTACAACGA GGAGACCC GTTTAAAG GGCTAGCTACAACGA GCACGGCC GGTAATGG GGCTAGCTACAACGA GTTAACCA CCCGGTAA GGCTAGCTACAACGA GGTGTTAA TGCGATAG GGCTAGCTACAACGA GCCCCAGG	32164 32165 32166 32167 32168 32169
195 247 250 313 328	10835 10783 10780 10717 10702	GGGUCUCC A CUAACCUC GGCCGUGC A CUUUAAAC UGGUUAAC A CCAUUACC UUAACACC A UUACCGGG CCUGGGGC A CUAUCGCA CAGACUGC A CUCUCCGC	9540 9559 9574 9576 9589 9593	GAGGTTAG GGCTAGCTACAACGA GGAGACCC GTTTAAAG GGCTAGCTACAACGA GCACGGCC GGTAATGG GGCTAGCTACAACGA GTTAACCA CCCGGTAA GGCTAGCTACAACGA GGTGTTAA TGCGATAG GGCTAGCTACAACGA GCCCCAGG GCGGAGAG GGCTAGCTACAACGA GCAGTCTG	32164 32165 32166 32167 32168 32169 32170
195 247 250 313 328 345	10835 10783 10780 10717 10702 10685	GGGUCUCC A CUAACCUC GGCCGUGC A CUUUAAAC UGGUUAAC A CCAUUACC UUAACACC A UUACCGGG CCUGGGGC A CUAUCGCA CAGACUGC A CUCUCCGC AGAGUAGC A CGCCGUAG	9540 9559 9574 9576 9589 9593 9598	GAGGTTAG GGCTAGCTACAACGA GGAGACCC GTTTAAAG GGCTAGCTACAACGA GCACGGCC GGTAATGG GGCTAGCTACAACGA GTTAACCA CCCGGTAA GGCTAGCTACAACGA GGTGTTAA TGCGATAG GGCTAGCTACAACGA GCCCCAGG GCGGAGAG GGCTAGCTACAACGA GCAGTCTG CTACGGCG GGCTAGCTACAACGA GCTACTCT	32164 32165 32166 32167 32168 32169 32170 32171
195 247 250 313 328 345 365	10835 10783 10780 10717 10702 10685 10665	GGGUCUCC A CUAACCUC GGCCGUGC A CUUUAAAC UGGUUAAC A CCAUUACC UUAACACC A UUACCGGG CCUGGGGC A CUAUCGCA CAGACUGC A CUCUCCGC AGAGUAGC A CGCCGUAG GGUCUGAC A UUGGGCUU	9540 9559 9574 9576 9589 9593 9598 9601	GAGGTTAG GGCTAGCTACAACGA GGAGACCC GTTTAAAG GGCTAGCTACAACGA GCACGGCC GGTAATGG GGCTAGCTACAACGA GTTAACCA CCCGGTAA GGCTAGCTACAACGA GGTGTTAA TGCGATAG GGCTAGCTACAACGA GCCCCAGG GCGAGAG GGCTAGCTACAACGA GCAGTCTG CTACGGCG GGCTAGCTACAACGA GCTACTCT AAGCCCAA GGCTAGCTACAACGA GTCAGACC ACCCCACA GGCTAGCTACAACGA GTCAGACC	32164 32165 32166 32167 32168 32169 32170 32171 32172 32173
195 247 250 313 328 345 365 386	10835 10783 10780 10717 10702 10685 10665	GGGUCUCC A CUAACCUC GGCCGUGC A CUUUAAAC UGGUUAAC A CCAUUACC UUAACACC A UUACCGGG CCUGGGGC A CUAUCGCA CAGACUGC A CUCUCCGC AGAGUAGC A CGCCGUAG GGUCUGAC A UUGGGCUU GUUACAAC A UGUGGGGU	9540 9559 9574 9576 9589 9593 9598 9601 9604 9612	GAGGTTAG GGCTAGCTACAACGA GGAGACCC GTTTAAAG GGCTAGCTACAACGA GCACGGCC GGTAATGG GGCTAGCTACAACGA GTTAACCA CCCGGTAA GGCTAGCTACAACGA GGTGTTAA TGCGATAG GGCTAGCTACAACGA GCCCCAGG GCGAGAG GGCTAGCTACAACGA GCAGTCTG CTACGGCG GGCTAGCTACAACGA GCTACTCT AAGCCCAA GGCTAGCTACAACGA GTCAGACC ACCCCACA GGCTAGCTACAACGA GTTGTAAC GTGATCCA GGCTAGCTACAACGA GTTGTAAC	32164 32165 32166 32167 32168 32169 32170 32171 32172 32173 32174
195 247 250 313 328 345 365 386 425	10835 10783 10780 10717 10702 10685 10665 10644	GGGUCUCC A CUAACCUC GGCCGUGC A CUUUAAAC UGGUUAAC A CCAUUACC UUAACACC A UUACCGGG CCUGGGGC A CUAUCGCA CAGACUGC A CUCUCCGC AGAGUAGC A CGCCGUAG GGUCUGAC A UUGGGCUU GUUACAAC A UGUGGGGU GGGCUUAC A UGGAUCAC	9540 9559 9574 9576 9589 9593 9598 9601 9604 9612 9613	GAGGTTAG GGCTAGCTACAACGA GGAGACCC GTTTAAAG GGCTAGCTACAACGA GCACGGCC GGTAATGG GGCTAGCTACAACGA GTTAACCA CCCGGTAA GGCTAGCTACAACGA GTTAACCA TGCGATAG GGCTAGCTACAACGA GCCCCAGG GCGAGAG GGCTAGCTACAACGA GCAGTCTG CTACGGCG GGCTAGCTACAACGA GCTACTCT AAGCCCAA GGCTAGCTACAACGA GTCAGACC ACCCCACA GGCTAGCTACAACGA GTCAGACC GTGATCCA GGCTAGCTACAACGA GTTGTAAC GTGATCCA GGCTAGCTACAACGA GTAAGCCC CCGCGAAG GGCTAGCTACAACGA GATCCATG	32164 32165 32166 32167 32168 32169 32170 32171 32172 32173 32174 32175
195 247 250 313 328 345 365 386 425 432	10835 10783 10780 10717 10702 10685 10665 10644 10605 10598	GGGUCUCC A CUAACCUC GGCCGUGC A CUUUAAAC UGGUUAAC A CCAUUACC UUAACACC A UUACCGGG CCUGGGGC A CUAUCGCA CAGACUGC A CUCUCCGC AGAGUAGC A CGCCGUAG GGUCUGAC A UUGGGGUU GUUACAAC A UGUGGGGU GGGCUUAC A UGGAUCAC CAUGGAUC A CUUCGCGG CUUUGUUC A CCCAGUCC	9540 9559 9574 9576 9589 9593 9598 9601 9604 9612 9613	GAGGTTAG GGCTAGCTACAACGA GGAGACCC GTTTAAAG GGCTAGCTACAACGA GCACGGCC GGTAATGG GGCTAGCTACAACGA GTTAACCA CCCGGTAA GGCTAGCTACAACGA GTTAACCA TGCGATAG GGCTAGCTACAACGA GCCCCAGG GCGAGAG GGCTAGCTACAACGA GCAGTCTG CTACGGCG GGCTAGCTACAACGA GCTACTCT AAGCCCAA GGCTAGCTACAACGA GTCAGACC ACCCCACA GGCTAGCTACAACGA GTTGTAAC GTGATCCA GGCTAGCTACAACGA GTTGTAAC CCGCGAAG GGCTAGCTACAACGA GTAAGCCC CCGCGAAG GGCTAGCTACAACGA GAACAAAG	32164 32165 32166 32167 32168 32169 32170 32171 32172 32173 32174 32175 32176
195 247 250 313 328 345 365 386 425 432 449	10835 10783 10780 10717 10702 10685 10665 10644 10605 10598 10581	GGGUCUCC A CUAACCUC GGCCGUGC A CUUUAAAC UGGUUAAC A CCAUUACC UUAACACC A UUACCGGG CCUGGGGC A CUAUCGCA CAGACUGC A CUCUCCGC AGAGUAGC A CUCUCCGC GGUCUGAC A UUGGGGUU GUUACAAC A UGUGGGGU GGGCUUAC A UGGAUCAC CAUGGAUC A CUUCGCGG CUUUGUUC A CCCAGUCC CAGGCAGC A CCGUCUAC	9540 9559 9574 9576 9589 9593 9598 9601 9604 9612 9613 9616	GAGGTTAG GGCTAGCTACAACGA GGAGACCC GTTTAAAG GGCTAGCTACAACGA GCACGGCC GGTAATGG GGCTAGCTACAACGA GTTAACCA CCCGGTAA GGCTAGCTACAACGA GTTAACCA TGCGATAG GGCTAGCTACAACGA GCCCCAGG GCGAGAG GGCTAGCTACAACGA GCAGTCTG CTACGGCG GGCTAGCTACAACGA GCTACTCT AAGCCCAA GGCTAGCTACAACGA GTCAGACC ACCCCACA GGCTAGCTACAACGA GTTGTAAC GTGATCCA GGCTAGCTACAACGA GTAAGCCC CCGCGAAG GGCTAGCTACAACGA GTAAGCCC GGACTGG GGCTAGCTACAACGA GATCATG GGACTGG GGCTAGCTACAACGA GAACAAAG	32164 32165 32166 32167 32168 32169 32170 32171 32172 32173 32174 32175 32176 32177
195 247 250 313 328 345 365 386 425 432 449 482 555	10835 10783 10780 10717 10702 10685 10665 10644 10605 10598 10581 10548	GGGUCUCC A CUAACCUC GGCCGUGC A CUUUAAAC UGGUUAAC A CCAUUACC UUAACACC A UUACCGGG CCUGGGGC A CUAUCGCA CAGACUGC A CUCUCCGC AGAGUAGC A CUCUCCGC GGUCUGAC A UUGGGCUU GUUACAAC A UGUGGGGU GGGCUUAC A UGGAUCAC CAUGGAUC A CUUCGCGG CUUUGUUC A CCCAGUCC CAGGCAGC A CCGUCUAC CUAUUUAC A CUAACACC	9540 9559 9574 9576 9589 9593 9598 9601 9604 9612 9613 9616 9625	GAGGTTAG GGCTAGCTACAACGA GGAGACCC GTTTAAAG GGCTAGCTACAACGA GCACGGCC GGTAATGG GGCTAGCTACAACGA GTTAACCA CCCGGTAA GGCTAGCTACAACGA GTTAACCA TGCGATAG GGCTAGCTACAACGA GCCCCAGG GCGAGAG GGCTAGCTACAACGA GCAGTCTG CTACGGCG GGCTAGCTACAACGA GCTACTCT AAGCCCAA GGCTAGCTACAACGA GTCAGACC ACCCCACA GGCTAGCTACAACGA GTTGTAAC GTGATCCA GGCTAGCTACAACGA GTAAGCCC CCGCGAAG GGCTAGCTACAACGA GATCATG GGACTGG GGCTAGCTACAACGA GATCATG GGACTGG GGCTAGCTACAACGA GATCATG GGACTGG GGCTAGCTACAACGA GCTGCCTG GGTGTTAG GGCTAGCTACAACGA GTGAAATAG	32164 32165 32166 32167 32168 32169 32170 32171 32172 32173 32174 32175 32176 32177
195 247 250 313 328 345 365 386 425 432 449 482 555 561	10835 10783 10780 10717 10702 10685 10665 10644 10605 10598 10581 10548 10475	GGGUCUCC A CUAACCUC GGCCGUGC A CUUUAAAC UGGUUAAC A CCAUUACC UUAACACC A UUACCGGG CCUGGGGC A CUAUCGCA CAGACUGC A CUCUCCGC AGAGUAGC A CUCUCCGC GGUCUGAC A UUGGGCUU GUUACAAC A UGUGGGGU GGGCUUAC A CUUCGCGG CAUGGAUC A CUUCGCGG CUUUGUUC A CCCAGUCC CAGGCAGC A CCGUCUAC CUAUUUAC A CUAACACC ACACUAAC A CCACUAAA	9540 9559 9574 9576 9589 9593 9598 9601 9604 9612 9613 9616 9625 9644	GAGGTTAG GGCTAGCTACAACGA GGAGACCC GTTTAAAG GGCTAGCTACAACGA GCACGGCC GGTAATGG GGCTAGCTACAACGA GTTAACCA CCCGGTAA GGCTAGCTACAACGA GTTAACCA TGCGATAG GGCTAGCTACAACGA GCCCCAGG GCGAGAG GGCTAGCTACAACGA GCAGTCTG CTACGGCG GGCTAGCTACAACGA GCTACTCT AAGCCCAA GGCTAGCTACAACGA GTCAGACC ACCCACA GGCTAGCTACAACGA GTTGTAAC GTGATCCA GGCTAGCTACAACGA GTAAGCCC CCGCGAAG GGCTAGCTACAACGA GATCATG GGACTGG GGCTAGCTACAACGA GATCATG GGACTGG GGCTAGCTACAACGA GATCATG GTAGACGG GGCTAGCTACAACGA GCTGCCTG GGTGTTAG GGCTAGCTACAACGA GTAAATAG TTTAGTGG GGCTAGCTACAACGA GTAAATAG	32164 32165 32166 32167 32168 32170 32171 32172 32173 32174 32175 32176 32177 32178 32179
195 247 250 313 328 345 365 386 425 432 449 482 555 561	10835 10783 10780 10717 10702 10685 10665 10644 10605 10598 10581 10548 10475 10469	GGGUCUCC A CUAACCUC GGCCGUGC A CUUUAAAC UGGUUAAC A CCAUUACC UUAACACC A UUACCGGG CCUGGGGC A CUCUCCGC AGACUGC A CUCUCCGC AGAGUAGC A UUGGGCUU GUUACAAC A UGGGCUU GUUACAAC A UGGGCUU CAUGGAUC A CUUCGCGG CUUUGUUC A CCCAGUCC CAGGCAGC A CCGUCUAC CUAUUUAC A CUAACACC ACACUAAC A CUAAAUAC	9540 9559 9574 9576 9589 9593 9598 9601 9604 9612 9613 9616 9625 9644 9646	GAGGTTAG GGCTAGCTACAACGA GGAGACCC GTTTAAAG GGCTAGCTACAACGA GCACGGCC GGTAATGG GGCTAGCTACAACGA GTTAACCA CCCGGTAA GGCTAGCTACAACGA GTTAACCA TGCGATAG GGCTAGCTACAACGA GCCCCAGG GCGAGAG GGCTAGCTACAACGA GCCCCAGG CTACGGCG GGCTAGCTACAACGA GCTACTCT AAGCCCAA GGCTAGCTACAACGA GTCAGACC ACCCCACA GGCTAGCTACAACGA GTTGTAAC GTGATCCA GGCTAGCTACAACGA GTAAGCCC CCGCGAAG GGCTAGCTACAACGA GATCATG GGACTGG GGCTAGCTACAACGA GATCATG GGACTGG GGCTAGCTACAACGA GCTGCCTG GTTAGACGG GGCTAGCTACAACGA GTAAATAG TTTAGTGG GGCTAGCTACAACGA GTAAATAG GTATTTAG GGCTAGCTACAACGA GTTAGTGT	32164 32165 32166 32167 32168 32170 32171 32172 32173 32174 32175 32176 32177 32178 32179 32180
195 247 250 313 328 345 365 386 425 432 449 482 555 561 564 587	10835 10783 10780 10717 10702 10685 10665 10644 10605 10598 10581 10548 10475 10469 10466	GGGUCUCC A CUAACCUC GGCCGUGC A CUUUAAAC UGGUUAAC A CCAUUACC UUAACACC A UUACCGGG CCUGGGGC A CUAUCGCA CAGACUGC A CUCUCCGC AGAGUAGC A CUCUCCGC GGUCUGAC A UUGGGCUU GUUACAAC A UGUGGGGU GGGCUUAC A UGGAUCAC CAUGGAUC A CUUCGCGG CUUUGUUC A CCCAGUCC CAGGCAGC A CCGUCUAC CUAUUUAC A CUAACACC ACACUAAC A CUAAAUAC CUAACACC A CUAAAUAC AAAACUAC A CUUUUAUG	9540 9559 9574 9576 9589 9593 9598 9601 9604 9612 9613 9616 9625 9644 9646 9648	GAGGTTAG GGCTAGCTACAACGA GGAGACCC GTTTAAAG GGCTAGCTACAACGA GCACGGCC GGTAATGG GGCTAGCTACAACGA GCACGGCC GGTAATGG GGCTAGCTACAACGA GTTAACCA CCCGGTAA GGCTAGCTACAACGA GGTGTTAA TGCGATAG GGCTAGCTACAACGA GCCCCAGG GCGAGAG GGCTAGCTACAACGA GCAGTCTC AAGCCCAA GGCTAGCTACAACGA GTAGACC ACCCCACA GGCTAGCTACAACGA GTTGTAAC GTGATCCA GGCTAGCTACAACGA GTAAGCCC CCGCGAAG GGCTAGCTACAACGA GATCCATG GGACTGG GGCTAGCTACAACGA GATCCATG GGACTGG GGCTAGCTACAACGA GCTGCCTG GGTGTTAG GGCTAGCTACAACGA GTAAATAG TTTAGTGG GGCTAGCTACAACGA GTAAATAG GTATTAG GGCTAGCTACAACGA GTTAGTGT GTATTTAG GGCTAGCTACAACGA GTGCTTT	32164 32165 32166 32167 32168 32170 32171 32172 32173 32174 32175 32176 32177 32178 32179 32180 32181
195 247 250 313 328 345 365 386 425 432 449 482 555 561 564 587	10835 10783 10780 10717 10702 10685 10665 10644 10605 10598 10581 10548 10475 10469 10466 10443	GGGUCUCC A CUAACCUC GGCCGUGC A CUUUAAAC UGGUUAAC A CCAUUACC UUAACACC A UUACCGGG CCUGGGGC A CUAUCGCA CAGACUGC A CUCUCCGC AGAGUAGC A CUCUCCGC GGUCUGAC A UUGGGCUU GUUACAAC A UGGGGCUU GGGCUUAC A UGGAUCAC CAUGGAUC A CUUCGCGG CUUUGUUC A CCCAGUCC CAGGCAGC A CCGUCUAC CUAUUUAC A CUAACACC ACACUAAC A CUAAAUAC CUAACACC A CUAAAUAC AAAACUAC A CUUUUAUG	9540 9559 9574 9576 9589 9593 9598 9601 9604 9612 9613 9616 9625 9644 9646 9648	GAGGTTAG GGCTAGCTACAACGA GGAGACCC GTTTAAAG GGCTAGCTACAACGA GCACGGCC GGTAATGG GGCTAGCTACAACGA GCACGGCC GGTAATGG GGCTAGCTACAACGA GTTAACCA CCCGGTAA GGCTAGCTACAACGA GGTGTTAA TGCGATAG GGCTAGCTACAACGA GCCCCAGG GCGAGAG GGCTAGCTACAACGA GCAGTCTC AAGCCCAA GGCTAGCTACAACGA GTAGACC ACCCCACA GGCTAGCTACAACGA GTTGTAAC GTGATCCA GGCTAGCTACAACGA GTAAGCCC CCGCGAAG GGCTAGCTACAACGA GATCCATG GGACTGG GGCTAGCTACAACGA GATCCATG GGACTGG GGCTAGCTACAACGA GCTGCCTG GGTGTTAG GGCTAGCTACAACGA GTAAATAG TTTAGTGG GGCTAGCTACAACGA GTAAATAG GTATTTAG GGCTAGCTACAACGA GTTAGTGT GTATTTAG GGCTAGCTACAACGA GTGCTTAG CATAAAAG GGCTAGCTACAACGA GTGTTTT TATAAGTA GGCTAGCTACAACGA GTAGTTTT	32164 32165 32166 32167 32168 32170 32171 32172 32173 32174 32175 32176 32177 32178 32179 32180 32181
195 247 250 313 328 345 365 386 425 432 449 482 555 561 564 587	10835 10783 10780 10717 10702 10685 10665 10644 10605 10598 10581 10548 10475 10469 10466	GGGUCUCC A CUAACCUC GGCCGUGC A CUUUAAAC UGGUUAAC A CCAUUACC UUAACACC A UUACCGGG CCUGGGGC A CUAUCGCA CAGACUGC A CUCUCCGC AGAGUAGC A CUCUCCGC GGUCUGAC A UUGGGCUU GUUACAAC A UGUGGGGU GGGCUUAC A UGGAUCAC CAUGGAUC A CUUCGCGG CUUUGUUC A CCCAGUCC CAGGCAGC A CCGUCUAC CUAUUUAC A CUAACACC ACACUAAC A CUAAAUAC CUAACACC A CUAAAUAC AAAACUAC A CUUUUAUG	9540 9559 9574 9576 9589 9593 9598 9601 9604 9612 9613 9616 9625 9644 9646 9648	GAGGTTAG GGCTAGCTACAACGA GGAGACCC GTTTAAAG GGCTAGCTACAACGA GCACGGCC GGTAATGG GGCTAGCTACAACGA GCACGGCC GGTAATGG GGCTAGCTACAACGA GTTAACCA CCCGGTAA GGCTAGCTACAACGA GGTGTTAA TGCGATAG GGCTAGCTACAACGA GCCCCAGG GCGAGAG GGCTAGCTACAACGA GCAGTCTC AAGCCCAA GGCTAGCTACAACGA GTAGACC ACCCCACA GGCTAGCTACAACGA GTTGTAAC GTGATCCA GGCTAGCTACAACGA GTAAGCCC CCGCGAAG GGCTAGCTACAACGA GATCCATG GGACTGG GGCTAGCTACAACGA GATCCATG GGACTGG GGCTAGCTACAACGA GCTGCCTG GGTGTTAG GGCTAGCTACAACGA GTAAATAG TTTAGTGG GGCTAGCTACAACGA GTAAATAG GTATTAG GGCTAGCTACAACGA GTTAGTGT GTATTTAG GGCTAGCTACAACGA GTGCTTT	32164 32165 32166 32167 32168 32170 32171 32172 32173 32174 32175 32176 32177 32178 32179 32180 32181

696	10334	UGUAAUCC A CAUACUUC	9674	GAAGTATG GGCTAGCTACAACGA GGATTACA	32185
698	10332	UAAUCCAC A UACUUCUC	9675	GAGAAGTA GGCTAGCTACAACGA GTGGATTA	32186
707	10323	UACUUCUC A UCUCCGAU	9678	ATCGGAGA GGCTAGCTACAACGA GAGAAGTA	32187
741	10289	UGAUAGCC A CCUGGAUG	9685	CATCCAGG GGCTAGCTACAACGA GGCTATCA	32188
760	10270	UUCUGCCC A CGUGGCUC	9691	GAGCCACG GGCTAGCTACAACGA GGGCAGAA	32189
					<del></del> _
794	10236	AGGCUGCC A CACCAGAU	9700	ATCTGGTG GGCTAGCTACAACGA GGCAGCCT	32190
796	10234	GCUGCCAC A CCAGAUGU	9701	ACATCTGG GGCTAGCTACAACGA GTGGCAGC	32191
833	10197	GGGACGUC A CUCCAUUU	9709	AAATGGAG GGCTAGCTACAACGA GACGTCCC	32192
838	10192	GUCACUCC A UUUCUCCA	9712	TGGAGAAA GGCTAGCTACAACGA GGAGTGAC	32193
846	10184	AUUUCUCC A CUGGGGUU	9715	AACCCCAG GGCTAGCTACAACGA GGAGAAAT	32194
864	10166	UGUCUUCC A UCCAUUCA	9719	TGAATGGA GGCTAGCTACAACGA GGAAGACA	32195
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		AUCCAUUC A UUCUCCUC	9722		<del></del>
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890	10140	AUCCAAAC A CGGUUCCA	9729	TGGAACCG GGCTAGCTACAACGA GTTTGGAT	32198
909	10121	CCUCCAAC A UGUCCUCU	9736	AGAGGACA GGCTAGCTACAACGA GTTGGAGG	32199
924	10106	CUGUUGUC A UCCACUCU	9740	AGAGTGGA GGCTAGCTACAACGA GACAACAG	32200
928	10102	UGUCAUCC A CUCUCCUC	9742	GAGGAGAG GGCTAGCTACAACGA GGATGACA	32201
941	10089	CCUCCUGC A UGGAUGGA	9749	TCCATCCA GGCTAGCTACAACGA GCAGGAGG	32202
952	10078	GAUGGACC A CGUGGUUC	9751	GAACCACG GGCTAGCTACAACGA GGTCCATC	32203
981		CCCAAUUC A CAGGGACA	9757	TGTCCCTG GGCTAGCTACAACGA GAATTGGG	
	10049				32204
1011	10019	CGUUGGCC A UGAGCCGC	9762	GCGGCTCA GGCTAGCTACAACGA GGCCAACG	32205
1051	9979	AAGCAGCC A CAUCUGGG	9771	CCCAGATG GGCTAGCTACAACGA GGCTGCTT	32206
1053	9977	GCAGCCAC A UCUGGGCA	9772	TGCCCAGA GGCTAGCTACAACGA GTGGCTGC	32207
1061	9969	AUCUGGGC A UAAGACUU	9774	AAGTCTTA GGCTAGCTACAACGA GCCCAGAT	32208
1099	9931	GACGUUCC A UCCGGCCC	9781	GGGCCGGA GGCTAGCTACAACGA GGAACGTC	32209
1139	9891	ACCAAUUC A UCCUGUCC	9793	GGACAGGA GGCTAGCTACAACGA GAATTGGT	32210
1153	9877	UCCUCGGC A UGGAACCA	9798	TGGTTCCA GGCTAGCTACAACGA GCCGAGGA	32211
1161	9869	AUGGAACC A CCAGUGUU	9800		<del></del>
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1175	9855	GUUCUUCC A UCUUUCAU	9805	ATGAAAGA GGCTAGCTACAACGA GGAAGAAC	32213
1182	9848	CAUCUUUC A UGAUCAAU	9807	ATTGATCA GGCTAGCTACAACGA GAAAGATG	32214
1232	9798	UGCCAAUC A UACCAUCC	9816	GGATGGTA GGCTAGCTACAACGA GATTGGCA	32215
1237	9793	AUCAUACC A UCCAGUUG	9818	CAACTGGA GGCTAGCTACAACGA GGTATGAT	32216
1255	9775	CGGUUUCC A CUCUUGGA	9822	TCCAAGAG GGCTAGCTACAACGA GGAAACCG	32217
1284	9746	CCUUUGAC A UAGCAUUG	9828	CAATGCTA GGCTAGCTACAACGA GTCAAAGG	32218
1289	9741	GACAUAGC A UUGAGGAA	9829	TTCCTCAA GGCTAGCTACAACGA GCTATGTC	32219
1338	9692	GCUUUACC A CACAGUCA	9835	TGACTGTG GGCTAGCTACAACGA GGTAAAGC	<del></del>
		UUUACCAC A CAGUCAUC			32220
1340	9690		9836	GATGACTG GGCTAGCTACAACGA GTGGTAAA	32221
1346	9684	ACACAGUC A UCUCCACU	9838	AGTGGAGA GGCTAGCTACAACGA GACTGTGT	32222
1352	9678	UCAUCUCC A CUGACAGC	9841	GCTGTCAG GGCTAGCTACAACGA GGAGATGA	32223
1362	9668	UGACAGCC A UGCGGCUG	9845	CAGCCGCA GGCTAGCTACAACGA GGCTGTCA	32224
1385	9645	UCUUCCCC A UUCUCAAA	9852	TTTGAGAA GGCTAGCTACAACGA GGGGAAGA	32225
1440	9590	GUUUCUCC A CAUCAUCU	9868	AGATGATG GGCTAGCTACAACGA GGAGAAAC	32226
1442	9588	UUCUCCAC A UCAUCUGG	9869	CCAGATGA GGCTAGCTACAACGA GTGGAGAA	32227
1445	9585	UCCACAUC A UCUGGGCC		<del></del>	
-			9870	GGCCCAGA GGCTAGCTACAACGA GATGTGGA	32228
1458	9572	GGCCAAUC A CUCCUUCC	9874	GGAAGGAG GGCTAGCTACAACGA GATTGGCC	32229
1473	9557	CCCCUUCC A UCAUCCUC	9883	GAGGATGA GGCTAGCTACAACGA GGAAGGGG	32230
1476	9554	CUUCCAUC A UCCUCACC	9884	GGTGAGGA GGCTAGCTACAACGA GATGGAAG	32231
1482	9548	UCAUCCUC A CCAGCUGG	9887	CCAGCTGG GGCTAGCTACAACGA GAGGATGA	32232
1538	9492	ACUUGUCC A CUCCCCCU	9896	AGGGGGAG GGCTAGCTACAACGA GGACAAGT	32233
1568	9462	GAGAUAAC A UCCAUGAC	9907	GTCATGGA GGCTAGCTACAACGA GTTATCTC	32234
1572	9458	UAACAUCC A UGACGGUU	9909	AACCGTCA GGCTAGCTACAACGA GGATGTTA	32235
1586	9444	GUUCUUCC A UCAGCAGC	9912	GCTGCTGA GGCTAGCTACAACGA GGAAGAAC	<del></del>
1602	9428				32236
		CCGGGCGC A UCACUUUC	9916	GAAAGTGA GGCTAGCTACAACGA GCGCCCGG	32237
1605	9425	GGCGCAUC A CUUUCACA	9917	TGTGAAAG GGCTAGCTACAACGA GATGCGCC	32238
1611	9419	UCACUUUC A CAACUUUG	9919	CAAAGTTG GGCTAGCTACAACGA GAAAGTGA	32239
1670	9360	UGUUCCCC A UCAAGCAG	9932	CTGCTTGA GGCTAGCTACAACGA GGGGAACA	32240
1686	9344	GCUCAAGC A CCUUAGCU	9937	AGCTAAGG GGCTAGCTACAACGA GCTTGAGC	32241
1697	9333	UUAGCUUC A UUUUCCAA	9941	TTGGAAAA GGCTAGCTACAACGA GAAGCTAA	32242
1745	9285	GCUGUGUC A UCAGCAUA	9953	TATGCTGA GGCTAGCTACAACGA GACACAGC	32243
1751	9279	UCAUCAGC A UAGAUCUU	9955		
1784	9246	CCAACUUC A CGCAGGAU		AAGATCTA GGCTAGCTACAACGA GCTGATGA	32244
			9966	ATCCTGCG GGCTAGCTACAACGA GAAGTTGG	32245
1826	9204	CCCUCGAC A CCUCCUCC	9977	GGAGGAGG GGCTAGCTACAACGA GTCGAGGG	32246
1865	9165	UGGUCUUC A UUGAGAAA	9991	TTTCTCAA GGCTAGCTACAACGA GAAGACCA	32247

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1912	9118	UCCGAGCC A CAUGAACC	10003	GGTTCATG GGCTAGCTACAACGA GGCTCGGA	32248
1914	9116	CGAGCCAC A UGAACCAA	10004	TTGGTTCA GGCTAGCTACAACGA GTGGCTCG	32249
1980	9050	UCUUUCCC A UCAUGUUG	10025	CAACATGA GGCTAGCTACAACGA GGGAAAGA	32250
1983	9047	UUCCCAUC A UGUUGUAA	10026	TTACAACA GGCTAGCTACAACGA GATGGGAA	32251
2005	9025	AGUGUGAC A UUCCCCCC	10028	GGGGGGAA GGCTAGCTACAACGA GTCACACT	32252
2036	8994	CGCUCCUC A UCCACCAU	10040	ATGGTGGA GGCTAGCTACAACGA GAGGAGCG	32253
2040	8990	CCUCAUCC A CCAUCUCC	10042	GGAGATGG GGCTAGCTACAACGA GGATGAGG	32254
2043	8987	CAUCCACC A UCUCCCAA	10044	TTGGGAGA GGCTAGCTACAACGA GGTGGATG	32255
2089	8941	GCUCCUCC A UUGAUUCU	10059	AGAATCAA GGCTAGCTACAACGA GGAGGAGC	32256
	8921	CUUCAAAC A UGGCACCC	10064	GGGTGCCA GGCTAGCTACAACGA GTTTGAAG	32257
2109		AACAUGGC A CCCAAAGC	10065	GCTTTGGG GGCTAGCTACAACGA GCCATGTT	
2114	8916	AAAGCUGC A UUGCUGUU			32258
2126	8904		10070	AACAGCAA GGCTAGCTACAACGA GCAGCTTT	32259
2164	8866	UCGAGAGC A CAUUCUGG	10078	CCAGAATG GGCTAGCTACAACGA GCTCTCGA	32260
2166	8864	GAGAGCAC A UUCUGGGA	10079	TCCCAGAA GGCTAGCTACAACGA GTGCTCTC	32261
2200	8830	AAACGCCC A CAACCAGU	10087	ACTGGTTG GGCTAGCTACAACGA GGGCGTTT	32262
2219	8811	GUGGUCUC A UUGAGCAC	10092	GTGCTCAA GGCTAGCTACAACGA GAGACCAC	32263
2226	8804	CAUUGAGC A CGUACUUC	10093	GAAGTACG GGCTAGCTACAACGA GCTCAATG	32264
2235	8795	CGUACUUC A CUCCUUCU	10095	AGAAGGAG GGCTAGCTACAACGA GAAGTACG	32265
2268	8762	UCGUGUCC A CCUUCUCU	10103	AGAGAAGG GGCTAGCTACAACGA GGACACGA	32266
2283	8747	CUUUGAAC A CUCGCUGC	10108	GCAGCGAG GGCTAGCTACAACGA GTTCAAAG	32267
2316	8714	UGUCAGUC A UGGCCAUG	10115	CATGGCCA GGCTAGCTACAACGA GACTGACA	32268
2322	8708	UCAUGGCC A UGGUGGUA	10117	TACCACCA GGCTAGCTACAACGA GGCCATGA	32269
2333	8697	GUGGUAAC A UUCGUGAU	10118	ATCACGAA GGCTAGCTACAACGA GTTACCAC	32270
2350	8680	GGUGUCCC A UGGUUUUG	10121	CAAAACCA GGCTAGCTACAACGA GGGACACC	32271
2373	8657	GCCUGACC A CUCCAUUG	10125	CAATGGAG GGCTAGCTACAACGA GGTCAGGC	32272
2378	8652	ACCACUCC A UUGACCAG	10128	CTGGTCAA GGCTAGCTACAACGA GGAGTGGT	32273
2412	8618	UGGGCUUC A CAUCAUAA	10135	TTATGATG GGCTAGCTACAACGA GAAGCCCA	32274
2414	8616	GGCUUCAC A UCAUAACU	10136	AGTTATGA GGCTAGCTACAACGA GTGAAGCC	32275
2417	8613	UUCACAUC A UAACUGCC	10137	GGCAGTTA GGCTAGCTACAACGA GATGTGAA	32276
2459	8571	UGGUUCUC A UCGUGGUG	10144	CACCACGA GGCTAGCTACAACGA GAGAACCA	32277
2470	8560	GUGGUGCC A CGUCGAAC	10146	GTTCGACG GGCTAGCTACAACGA GGCACCAC	32278
2486	8544	CUGUACUC A CGCCUGAG	10149	CTCAGGCG GGCTAGCTACAACGA GAGTACAG	32279
2550	8480	GUUUUCCC A CCGCCCUG	10161	CAGGGCGG GGCTAGCTACAACGA GGGAAAAC	32280
2564	8466	CUGGUUCC A CUUCCCAA	10167	TTGGGAAG GGCTAGCTACAACGA GGAACCAG	32281
2579	8451	AAGUUUAC A UCUUCCUC	10172	GAGGAAGA GGCTAGCTACAACGA GTAAACTT	32282
2619	8411	UUUUUUCC A UUCUUCCU	10184	AGGAAGAA GGCTAGCTACAACGA GGAAAAAA	
2634	8396	CUAGGAGC A CCUGGCUG	10188	CAGCCAGG GGCTAGCTACAACGA GCTCCTAG	32283
2646	8384	GGCUGGUC A UAUUCACU	10192	AGTGAATA GGCTAGCTACAACGA GACCAGCC	32284
2652	8378	UCAUAUUC A CUGAAUGU			32285
			10193	ACATTCAG GGCTAGCTACAACGA GAATATGA	32286
2664	8366	AAUGUACC A CAUUGCCU	10196	AGGCAATG GGCTAGCTACAACGA GGTACATT	32287
2666	8364	UGUACCAC A UUGCCUGA	10197	TCAGGCAA GGCTAGCTACAACGA GTGGTACA	32288
2685	8345	CUCGACUC A CCCAAUAC	10202	<u> </u>	32289
2694	8336	CCCAAUAC A UCUCGUGC	10206	<u></u>	32290
2744	8286	CCCCCCC A UACCGGCG	10219	<del></del>	32291
2766	8264	GCAGCUCC A UCUUCUCU	10224		32292
2787	8243	CUUUCGGC A UGUAGGGG	10229		32293
2802	8228	GGCAGAGC A CCUUCACG	10231		32294
2808	8222	GCACCUUC A CGCAAAAU	10234	<del></del>	32295
2850	8180	CCUCAACC A UUUCAAGG	10249	<u> </u>	32296
2891	8139	ACCUCAGC A CUUGACGA	10261	<del></del>	32297
2915	8115	CCGAUGUC A CAAAGGAG	10266	CTCCTTTG GGCTAGCTACAACGA GACATCGG	32298
2930	8100	AGGGUGUC A CAACACUC	10268	GAGTGTTG GGCTAGCTACAACGA GACACCCT	32299
2935	8095	GUCACAAC A CUCAGAAG	10270	CTTCTGAG GGCTAGCTACAACGA GTTGTGAC	32300
2955	8075	UGUAGAAC A CAUCCACU	10274	AGTGGATG GGCTAGCTACAACGA GTTCTACA	32301
2957	8073	UAGAACAC A UCCACUCC	10275	GGAGTGGA GGCTAGCTACAACGA GTGTTCTA	32302
2961	8069	ACACAUCC A CUCCACUC	10277	GAGTGGAG GGCTAGCTACAACGA GGATGTGT	32303
2966	8064	UCCACUCC A CUCUUCAU	10280	<del>                                     </del>	32304
2973	8057	CACUCUUC A UGGUGACA	10283	<u> </u>	32305
2989	8041	AAUGUUCC A UCCAUAAC	10286	<u> </u>	32306
2993	8037	UUCCAUCC A UAACUUUG	10288	<del> </del>	32307
3003	8027	AACUUUGC A CUAGUUGG	10290	{	32308
3020	8010	GGCUCUUC A UGUCCGGG	10294		32309
3078	7952	GGGUUGCC A UAUAGUAA	10309	<del></del>	
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3088	7942	AUAGUAAC A CCAACCGC	10310	GCGGTTGG GGCTAGCTACAACGA GTTACTAT	32311
3104	7926	CCUCUUCC A CAUCCAAG	10318	CTTGGATG GGCTAGCTACAACGA GGAAGAGG	32312
3106	7924	UCUUCCAC A UCCAAGGU	10319	ACCTTGGA GGCTAGCTACAACGA GTGGAAGA	32313
3120	7910	GGUCAAUC A CUUUUCCG	10323	CGGAAAAG GGCTAGCTACAACGA GATTGACC	32314
3160	7870	GACCAGCC A UCUCAGUU	10333	AACTGAGA GGCTAGCTACAACGA GGCTGGTC	32315
3206	7824	CCAGUGAC A UUGCCUUC	10347	GAAGGCAA GGCTAGCTACAACGA GTCACTGG	32316
3294	7736	CUUUUGUC A UCUGGUUG	10364	CAACCAGA GGCTAGCTACAACGA GACAAAAG	32317
3347	7683	UUUGCCC A CCUCUUUU	10381	AAAAGAGG GGCTAGCTACAACGA GGGGCAAA	32318
3372	7658	GUUUUUCC A UGUUCUUU	10388	AAAGAACA GGCTAGCTACAACGA GGAAAAAC	32319
	7639	GAGUGUCC A UGUUAUGG	10300		
3391			<del></del>	CCATAACA GGCTAGCTACAACGA GGACACTC	32320
3406	7624	GGAUAGAC A UGACAACC	10392	GGTTGTCA GGCTAGCTACAACGA GTCTATCC	32321
3422	7608	CAACCCCC A CGCAUGAU	10400	ATCATGCG GGCTAGCTACAACGA GGGGGTTG	32322
3426	7604	CCCACGC A UGAUGUGG	10401	CCACATCA GGCTAGCTACAACGA GCGTGGGG	32323
3479	7551	CUUGCUCC A UUCUCCCA	10411	TGGGAGAA GGCTAGCTACAACGA GGAGCAAG	32324
3495	7535	AAAGCGUC A CCGCUGCG	10416	CGCAGCGG GGCTAGCTACAACGA GACGCTTT	32325
3540	7490	CUGUCUUC A CAGACGGG	10426	CCCGTCTG GGCTAGCTACAACGA GAAGACAG	32326
3552	7478	ACGGGUUC A CUACUACU	10428	AGTAGTAG GGCTAGCTACAACGA GAACCCGT	32327
3573	7457	CUAGAGAC A CCAAGAUC	10434	GATCTTGG GGCTAGCTACAACGA GTCTCTAG	32328
3585	7445	AGAUCAGC A UGAUCUGU	10438	ACAGATCA GGCTAGCTACAACGA GCTGATCT	32329
3609	7421	UCUUCUGC A UGAUGGGU	10445	ACCCATCA GGCTAGCTACAACGA GCAGAAGA	32330
3651	7379	CCGUGGCC A CGAUGCCA	10451	TGGCATCG GGCTAGCTACAACGA GGCCACGG	32331
3659	7371	ACGAUGCC A UCCACUAC	10453	GTAGTGGA GGCTAGCTACAACGA GGCATCGT	32332
3663	7367	UGCCAUCC A CUACAGCG	10455	CGCTGTAG GGCTAGCTACAACGA GGATGGCA	32333
3678	7352	CGUUCUUC A UGAUUCCG	10459	CGGAATCA GGCTAGCTACAACGA GAAGAACG	32334
3714	7316	CUGAGCGC A UUGCCUCA	10467	TGAGGCAA GGCTAGCTACAACGA GCGCTCAG	32335
3741	7289	CGGGAACC A UGUAGGCA	10476	TGCCTACA GGCTAGCTACAACGA GGTTCCCG	32336
3749	7281	AUGUAGGC A UAGUGGCA	10477	TGCCACTA GGCTAGCTACAACGA GCCTACAT	32337
3811	7219	UCCCCAGC A UCCGGCUG	10487	CAGCCGGA GGCTAGCTACAACGA GCTGGGGA	32338
3837	7193	GAGCCGAC A CUCCAACA	10493	TGTTGGAG GGCTAGCTACAACGA GTCGGCTC	32339
3845	7185	ACUCCAAC A UCGACGAA	10497	TTCGTCGA GGCTAGCTACAACGA GTTGGAGT	32340
3884	7146	AAUAGUGC A CUUGCCUG	10500	CAGGCAAG GGCTAGCTACAACGA GCACTATT	32341
3975	7055	CUGUUGUC A CAGCGUAC	10511	GTACGCTG GGCTAGCTACAACGA GACAACAG	32342
4029	7001	ACUCUCCC A UGCUGAAA	10527	TTTCAGCA GGCTAGCTACAACGA GGGAGAGT	32343
4082	6948	CUUAUGUC A CUCUUGGU	10542	ACCAAGAG GGCTAGCTACAACGA GACATAAG	32344
4107	6923	GCCAACCC A UCUCGUUG	10551	CAACGAGA GGCTAGCTACAACGA GGGTTGGC	32345
4122	6908	UGGCUGCC A CUGCGCUC	10555	GAGCGCAG GGCTAGCTACAACGA GGCAGCCA	32345
4131	6899	CUGCGCUC A CAAGGGUC	10558	GACCCTTG GGCTAGCTACAACGA GAGCGCAG	32347
4140	6890	CAAGGGUC A UGACACAA	10560	TTGTGTCA GGCTAGCTACAACGA GACCCTTG	32347
4145	6885	GUCAUGAC A CAAAUCAG	10561	CTGATTTG GGCTAGCTACAACGA GTCATGAC	
4158	6872	UCAGGAAC A CGGCUAGC			32349
4212	6818	GAAUUAGC A CAAUCAUC	10564	GCTAGCCG GGCTAGCTACAACGA GTTCCTGA	32350
			10574	GATGATTG GGCTAGCTACAACGA GCTAATTC	32351
4218	6812	GCACAAUC A UCAAGAGA	10576		32352
4242	6788	GCAGCAAC A UUCCGGCG	10580	CGCCGGAA GGCTAGCTACAACGA GTTGCTGC	32353
4275	6755	CUUCAGCC A UCCAACAG	10588	CTGTTGGA GGCTAGCTACAACGA GGCTGAAG	32354
4347	6683	UCCGCUGC A UGAGGAGG	10612	CCTCCTCA GGCTAGCTACAACGA GCAGCGGA	32355
4368	6662	AUACUCCC A UGGUCAUC	10616	GATGACCA GGCTAGCTACAACGA GGGAGTAT	32356
4374	6656	CCAUGGUC A UCACACUC	10617	GAGTGTGA GGCTAGCTACAACGA GACCATGG	32357
4377	6653	UGGUCAUC A CACUCAAU	10618	ATTGAGTG GGCTAGCTACAACGA GATGACCA	32358
4379	6651	GUCAUCAC A CUCAAUAA	10619	TTATTGAG GGCTAGCTACAACGA GTGATGAC	32359
4415	6615	UGAAGAGC A UCUGGCAG	10626	CTGCCAGA GGCTAGCTACAACGA GCTCTTCA	32360
4437	6593	CCAGGGCC A UUCUGUGA	10634	TCACAGAA GGCTAGCTACAACGA GGCCCTGG	32361
4473	6557	CAGUGGCC A CAACGUAC	10646	GTACGTTG GGCTAGCTACAACGA GGCCACTG	32362
4482	6548	CAACGUAC A UGGUGUCA	10648	TGACACCA GGCTAGCTACAACGA GTACGTTG	32363
4501	6529	UGCUUCCC A UGUCUUCC	10653	GGAAGACA GGCTAGCTACAACGA GGGAAGCA	32364
4512	6518	UCUUCCCC A UGAAGUGC	10658	GCACTTCA GGCTAGCTACAACGA GGGGAAGA	32365
4527	6503	GCUCAGGC A UCUUUCCC	10661	GGGAAAGA GGCTAGCTACAACGA GCCTGAGC	32366
4617	6413	CCGAGUAC A CCCUGGCG	10682	CGCCAGGG GGCTAGCTACAACGA GTACTCGG	32367
4658	6372	UUCCUUUC A CCAAGCUU	10695	AAGCTTGG GGCTAGCTACAACGA GAAAGGAA	32368
4680	6350	UGACUUCC A CUUCGUUG	10701	CAACGAAG GGCTAGCTACAACGA GGAAGTCA	32369
4721	6309	CUAGGACC A UCAAAGCA	10708	TGCTTTGA GGCTAGCTACAACGA GGTCCTAG	32370
4729	6301	AUCAAAGC A CCACCUCC	10710	GGAGGTGG GGCTAGCTACAACGA GCTTTGAT	32371
4732	6298	AAAGCACC A CCUCCGGU	10712	ACCGGAGG GGCTAGCTACAACGA GGTGCTTT	32372
4752	6278	GGUAUGAC A CUCCAGCC	10716	GGCTGGAG GGCTAGCTACAACGA GTCATACC	32372
لــــــــــــــــــــــــــــــــــــــ			1 -2110	COLIDORO COCINGUIACIANCON GICAIACC	243/3

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4856	6174	UAUUCCCC A UCCAUGGU	10750	ACCATGGA GGCTAGCTACAACGA GGGGAATA	32374
4860	6170	CCCCAUCC A UGGUAUAU	10752	ATATACCA GGCTAGCTACAACGA GGATGGGG	32375
4877	6153	ACCUUCUC A CGCUCUGG	10756	CCAGAGCG GGCTAGCTACAACGA GAGAAGGT	32376
4917	6113	CGUUUGGC A UGUUGAUG	10761	CATCAACA GGCTAGCTACAACGA GCCAAACG	32377
4935	6095	UGUCCAGC A UGAUUCGU	10764	ACGAATCA GGCTAGCTACAACGA GCTGGACA	32378
4979	6051	UCGUCUUC A UUCGUGUG	10771	CACACGAA GGCTAGCTACAACGA GAAGACGA	32379
4994	6036	UGCCCCC A UAACAGUA	10777	TACTGTTA GGCTAGCTACAACGA GGGGGGCA	32380
5006	6024	CAGUACUC A UCACCAAC	10780	GTTGGTGA GGCTAGCTACAACGA GAGTACTG	32381
5009	6021	UACUCAUC A CCAACUUG	10781	CAAGTTGG GGCTAGCTACAACGA GATGAGTA	32382
5042	5988	AUACGUCC A CGUCUCUG	10788	CAGAGACG GGCTAGCTACAACGA GGACGTAT	32383
	5973	UGGGCGGC A CUAGCUGC	10791	GCAGCTAG GGCTAGCTACAACGA GCCGCCCA	32384
5057		CUGCUGUC A CUGCAGAU	10795	ATCTGCAG GGCTAGCTACAACGA GACAGCAG	32385
5070	5960	CCAGGAUC A CUCUCCCU	10802	AGGGAGAG GGCTAGCTACAACGA GATCCTGG	32386
5094	5936			GAAGAGTG GGCTAGCTACAACGA GAAACCAA	32387
5130	5900	UUGGUUUC A CACUCUUC	10812		
5132	5898	GGUUUCAC A CUCUUCCG	10813	CGGAAGAG GGCTAGCTACAACGA GTGAAACC	32388
5151	5879	UGUCAAUC A CCCUGCUC	10819	GAGCAGGG GGCTAGCTACAACGA GATTGACA	32389
5178	5852	UAGCCCCC A UUUCAGAU	10830	ATCTGAAA GGCTAGCTACAACGA GGGGGCTA	32390
5216	5814	UCCCAAUC A UCGUUCUU	10837	AAGAACGA GGCTAGCTACAACGA GATTGGGA	32391
5227	5803	GUUCUUAC A UUUUGGGU	10839	ACCCAAAA GGCTAGCTACAACGA GTAAGAAC	32392
5285	5745	UUUCCAGC A CGUUGUAG	10851	CTACAACG GGCTAGCTACAACGA GCTGGAAA	32393
5309	5721	GCAAUCUC A UUCCCCAU	10855	ATGGGGAA GGCTAGCTACAACGA GAGATTGC	32394
5316	5714	CAUUCCCC A UCUUGACA	10859	TGTCAAGA GGCTAGCTACAACGA GGGGAATG	32395
5324	5706	AUCUUGAC A CUAGGCAC	10861	GTGCCTAG GGCTAGCTACAACGA GTCAAGAT	32396
5331	5699	CACUAGGC A CAAACCAA	10863	TTGGTTTG GGCTAGCTACAACGA GCCTAGTG	32397
5368	5662	UGUGAUCC A UUCGUAUC	10873	GATACGAA GGCTAGCTACAACGA GGATCACA	32398
5475	5555	UGGCUGUC A UGAAUAUU	10889	AATATTCA GGCTAGCTACAACGA GACAGCCA	32399
5564	5466	UGAGCCUC A UCCAUCAC	10910	GTGATGGA GGCTAGCTACAACGA GAGGCTCA	32400
5568	5462	CCUCAUCC A UCACGAAC	10912	GTTCGTGA GGCTAGCTACAACGA GGATGAGG	32401
5571	5459	CAUCCAUC A CGAACAGG	10913	CCTGTTCG GGCTAGCTACAACGA GATGGATG	32402
5592	5438	AGUUCGGC A CCCUGUGA	10915	TCACAGGG GGCTAGCTACAACGA GCCGAACT	32403
5607	5423	GAGGAGAC A UCAGCCUG	10919	CAGGCTGA GGCTAGCTACAACGA GTCTCCTC	32404
5630	5400	AGGGUAGC A UGACACAU	10923	ATGTGTCA GGCTAGCTACAACGA GCTACCCT	32405
5635	5395	AGCAUGAC A CAUGACAU	10924	ATGTCATG GGCTAGCTACAACGA GTCATGCT	32406
5637	5393	CAUGACAC A UGACAUCA	10925	TGATGTCA GGCTAGCTACAACGA GTGTCATG	32407
5642	5388	CACAUGAC A UCAACAAU	10926	ATTGTTGA GGCTAGCTACAACGA GTCATGTG	32408
<del> </del>	<del></del>	ACAAUCUC A UUUCCAUU	10930	AATGGAAA GGCTAGCTACAACGA GAGATTGT	32409
5654	5376			GAACATAA GGCTAGCTACAACGA GGAAATGA	
5660	5370	UCAUUUCC A UUAUGUUC	10932		32410
5676	5354	CUCUGGGC A CUGCGGAU	10935	ATCCGCAG GGCTAGCTACAACGA GCCCAGAG	32411
5724	5306	CUUCAGCC A UCUCAGCA	10947	TGCTGAGA GGCTAGCTACAACGA GGCTGAAG	32412
5736	5294	CAGCAGCC A CAACCCUG	10952	CAGGGTTG GGCTAGCTACAACGA GGCTGCTG	32413
5757	5273	GUGCUAGC A CGGCUGUU	10958	AACAGCCG GGCTAGCTACAACGA GCTAGCAC	32414
5871	5159	UCCUCAGC A UCUCAGGU	10982		32415
5903	5127	AUUGGCUC A UCCAUCCU	10988		32416
5907	5123	GCUCAUCC A UCCUUUCA	10990	TGAAAGGA GGCTAGCTACAACGA GGATGAGC	32417
5915	5115	AUCCUUUC A CCCUGCAC	10993		32418
5922	5108	CACCCUGC A CUAUCGCG	10997		32419
5952	5078	CGUUGGGC A UUAUGACU	11001	AGTCATAA GGCTAGCTACAACGA GCCCAACG	32420
5963	5067	AUGACUCC A UUGCCAUA	11004	TATGGCAA GGCTAGCTACAACGA GGAGTCAT	32421
5969	5061	CCAUUGCC A UAAAGCCC	11006	GGGCTTTA GGCTAGCTACAACGA GGCAATGG	32422
5982	5048	GCCCAAUC A CAUCACCG	11010	CGGTGATG GGCTAGCTACAACGA GATTGGGC	32423
5984	5046	CCAAUCAC A UCACCGUU	11011	AACGGTGA GGCTAGCTACAACGA GTGATTGG	32424
5987	5043	AUCACAUC A CCGUUUUU	11012	AAAAACGG GGCTAGCTACAACGA GATGTGAT	32425
6000	5030	UUUUGUCC A CUAUUGGU	11015	<u> </u>	32426
6042	4988	CCAAAGUC A CGGCCCCG	11023		32427
6075	4955	UUUUGAAC A CCCCUGGU	11031		32428
6120	4910	CAGGUUCC A CCACAAUC	11042		32429
6123	4907	GUUCCACC A CAAUCAUC	11044		32430
6129	4901	CCACAAUC A UCUGCACC	11046		32431
6135	4895	UCAUCUGC A CCUCAUCC	11048		32432
6140	4890	UGCACCUC A UCCUGCCC	11048	<del></del>	
6154	4876	CCCGUUCC A CUUGUGCU			32433
6206	4824	UCCUUGAC A CUGCCCCA	11057		32434
6243		CUCCGCUC A UCAAAGCG	11071		32435
0243	4787	COCCGCOC A OCAAAGCG	11085	CGCTTTGA GGCTAGCTACAACGA GAGCGGAG	32436

WO 02/068637	Table XI	PCT/US01/48350

				- 1 C1/0301/40330	
6287	4743	UGGAAAAC A CCUUCAAC	11092	GTTGAAGG GGCTAGCTACAACGA GTTTTCCA	32437
6297	4733	CUUCAACC A UCACGCCC	11097	GGGCGTGA GGCTAGCTACAACGA GGTTGAAG	32438
6300	4730	CAACCAUC A CGCCCGCU	11098	AGCGGGCG GGCTAGCTACAACGA GATGGTTG	32439
6335	4695	AGCAGCCC A CGAGUCAU	11110	ATGACTCG GGCTAGCTACAACGA GGGCTGCT	32440
6342	4688	CACGAGUC A UGAUCCUG	11111	CAGGATCA GGCTAGCTACAACGA GACTCGTG	32441
6406	4624	AGUGUCCC A CAACACGC	11125	GCGTGTTG GGCTAGCTACAACGA GGGACACT	32442
6411	4619	CCCACAAC A CGCCUCCU	11127	AGGAGGCG GGCTAGCTACAACGA GTTGTGGG	32443
6488	4542	GUGUACGC A CUAAUCGC	11144	GCGATTAG GGCTAGCTACAACGA GCGTACAC	32444
6507	4523	GACAGACC A UUCUGAGC	11148	GCTCAGAA GGCTAGCTACAACGA GGTCTGTC	32445
6516	4514	UUCUGAGC A UCCAUAUC	11150	GATATGGA GCTAGCTACAACGA GCTCAGAA	32446
6520	4510	GAGCAUCC A UAUCUUCC	11152	GGAAGATA GGCTAGCTACAACGA GGATGCTC	32447
6545	4485	CCUGGAUC A UUCAUGAG	11159	CTCATGAA GGCTAGCTACAACGA GATCCAGG	32448
6549	4481	GAUCAUUC A UGAGCUGG	11160	CCAGCTCA GGCTAGCTACAACGA GAATGATC	32449
6566	4464	AAGUUUCC A UCAUCAUC	11163	GATGATGA GGCTAGCTACAACGA GGAAACTT	32450
6569	4461	UUUCCAUC A UCAUCAAG	11164	CTTGATGA GGCTAGCTACAACGA GATGGAAA	32451
6572	4458	CCAUCAUC A UCAAGCCG	11165	CGGCTTGA GGCTAGCTACAACGA GATGATGG	32452
6582	4448	CAAGCCGC A CAUCAACU	11168	AGTTGATG GGCTAGCTACAACGA GCGGCTTG	32453
6584	4446	AGCCGCAC A UCAACUCU	11169	AGAGTTGA GGCTAGCTACAACGA GTGCGGCT	32454
6617	4413	AUUUCUGC A UCACUUUC	11177	GAAAGTGA GGCTAGCTACAACGA GCAGAAAT	32455
6620	4410	UCUGCAUC A CUUUCCCA	11178	TGGGAAAG GGCTAGCTACAACGA GATGCAGA	32456
6655	4375	CUCAAUCC A CAUAUCUG	11189	CAGATATG GGCTAGCTACAACGA GGATTGAG	32457
6657	4373	CAAUCCAC A UAUCUGUU	11190	AACAGATA GGCTAGCTACAACGA GTGGATTG	32458
6681	4349	CAGAAAUC A CGAAAGCA	11195	TGCTTTCG GGCTAGCTACAACGA GATTTCTG	32459
6696	4334	CAGCAAAC A UGAGCCCC	11198	GGGGCTCA GGCTAGCTACAACGA GTTTGCTG	32460
6714	4316	CGAUAGUC A UUGGAAUG	11202	CATTCCAA GGCTAGCTACAACGA GACTATCG	32461
6726	4304	GAAUGGCC A UGGAGUCA	11204	TGACTCCA GGCTAGCTACAACGA GGCCATTC	32462
6771	4259	UGGCAAAC A UUAGGCCG	11216	CGGCCTAA GGCTAGCTACAACGA GTTTGCCA	32463
6789	4241	CAGCUGUC A UCACUUCA	11220	TGAAGTGA GGCTAGCTACAACGA GACAGCTG	32464
6792	4238	CUGUCAUC A CUUCAGUU	11221	AACTGAAG GGCTAGCTACAACGA GATGACAG	32465
6808	4222	UGCGGGCC A UCCGCGUU	11225	AACGCGGA GGCTAGCTACAACGA GGCCCGCA	32466
6830	4200	UUGGGAUC A CAUGCAAU	11227	ATTGCATG GGCTAGCTACAACGA GATCCCAA	32467
6832	4198	GGGAUCAC A UGCAAUCA	11228	TGATTGCA GGCTAGCTACAACGA GTGATCCC	32468
6858	4172	CAAGGAUC A UGGGGUUG	11235	CAACCCCA GGCTAGCTACAACGA GATCCTTG	32469
6895	4135	AGCCAAGC A UAGCAGAC	11241	GTCTGCTA GGCTAGCTACAACGA GCTTGGCT	32470
6929	4101	GCAGCUGC A CUCCUCUU	11250	AAGAGGAG GGCTAGCTACAACGA GCAGCTGC	32471
6966	4064	UUCCGACC A UCAACAGC	11265	GCTGTTGA GGCTAGCTACAACGA GGTCGGAA	32472
6987	4043	UCCUGUAC A CAUCCAGA	11271	TCTGGATG GGCTAGCTACAACGA GTACAGGA	32473
6989	4041	CUGUACAC A UCCAGAUU	11272	AATCTGGA GGCTAGCTACAACGA GTGTACAG	32474
7003	4027	AUUCAAGC A UCUCAGCC	11276	GGCTGAGA GGCTAGCTACAACGA GCTTGAAT	32475
7044	3986	GAACAACC A CGUUUGAU	11286	ATCAAACG GGCTAGCTACAACGA GGTTGTTC	32476
7083	3947	UCAGUAUC A UCCAAGCU	11290	AGCTTGGA GGCTAGCTACAACGA GATACTGA	32477
7110	3920	AAUUCAAC A CAUCAGGG	11298	CCCTGATG GGCTAGCTACAACGA GTTGAATT	32478
7112	3918	UUCAACAC A UCAGGGAU	11299	ATCCCTGA GGCTAGCTACAACGA GTGTTGAA	32479
7145	3885	UGGCGGGC A UCGUGAUA	11306	TATCACGA GGCTAGCTACAACGA GCCCGCCA	32480
7158	3872	GAUAAGCC A UUUGAAAG	11308	CTTTCAAA GGCTAGCTACAACGA GGCTTATC	32481
7182	3848	CCGCCAAC A UCAACAAA	11313	TTTGTTGA GGCTAGCTACAACGA GTTGGCGG	32482
7210	3820	GUUGGUCC A UCUCGCUU	11320	AAGCGAGA GGCTAGCTACAACGA GGACCAAC	32483
7233	3797	ACGAUGCC A CCAUAAAC	11324	GTTTATGG GGCTAGCTACAACGA GGCATCGT	32484
7236	3794	AUGCCACC A UAAACACU	11326	AGTGTTTA GGCTAGCTACAACGA GGTGGCAT	32485
7242	3788	CCAUAAAC A CUGGUUGU	11327	ACAACCAG GGCTAGCTACAACGA GTTTATGG	32486
7266	3764	AGGUCGCC A UGAGCGCC	11331	GGCGCTCA GGCTAGCTACAACGA GGCGACCT	32487
7284	3746	AGUGUACC A CGUCUCCU	11335	AGGAGACG GGCTAGCTACAACGA GGTACACT	32488
7323	3707	CUGCCCCC A CCAAGAUG	11347	CATCTTGG GGCTAGCTACAACGA GGGGGCAG	32489
7334	3696	AAGAUGAC A UAGCGUAA	11350	TTACGCTA GGCTAGCTACAACGA GTCATCTT	32490
7344	3686	AGCGUAAC A CAUCAGUG	11351	CACTGATG GGCTAGCTACAACGA GTTACGCT	32491
7346	3684	CGUAACAC A UCAGUGUA	11352	TACACTGA GGCTAGCTACAACGA GTGTTACG	32492
7371	3659	CCCCAAAC A CCAGGACU	11359	AGTCCTGG GGCTAGCTACAACGA GTTTGGGG	32493
7404	3626	UAGCUGGC A UGCUGAUC	11367	GATCAGCA GGCTAGCTACAACGA GCCAGCTA	32494
7423	3607	GGCUGUCC A CCUCUUGC	11372	GCAAGAGG GGCTAGCTACAACGA GGACAGCC	32495
7458	3572	CCAAGAAC A CGACCAGA	11382	TCTGGTCG GGCTAGCTACAACGA GTTCTTGG	32496
7491	3539	GGUCAAUC A UAUCAGCA	11390	TGCTGATA GGCTAGCTACAACGA GATTGACC	32497
7499	3531	AUAUCAGC A UUAUAAGC	11392	GCTTATAA GGCTAGCTACAACGA GCTGATAT	32498
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7512	3518	AAGCAUUC A CUUGUGAC	11394	GTCACAAG GGCTAGCTACAACGA GAATGCTT	32500
7524	3506	GUGACUGC A CGAGGGUC	11397	GACCCTCG GGCTAGCTACAACGA GCAGTCAC	32501
7538	3492	GUCUUUUC A UCAUGUCU	11399	AGACATGA GGCTAGCTACAACGA GAAAAGAC	32502
7541	3489	UUUUCAUC A UGUCUCUG	11400	CAGAGACA GGCTAGCTACAACGA GATGAAAA	32503
7563	3467	UGAUCUCC A UACCAUAC	11406	GTATGGTA GGCTAGCTACAACGA GGAGATCA	32504
7568	3462	UCCAUACC A UACCAACA	11408	TGTTGGTA GGCTAGCTACAACGA GGTATGGA	32505
7627	3403	CCUGCAGC A CCAAUCUG	11421	CAGATTGG GGCTAGCTACAACGA GCTGCAGG	32506
7679	3351	GCAGGUCC A CGGUGUCC	11433	GGACACCG GGCTAGCTACAACGA GGACCTGC	32507
7697	3333	CAGCUCUC A CUCAGGGU	11438	ACCCTGAG GGCTAGCTACAACGA GAGAGCTG	32508
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7759	3271	UUCGUCCC A UGGGCCCU	11454		32509
7844	3186	AUCAAGUC A CUCUCAAG	11471	CTTGAGAG GGCTAGCTACAACGA GACTTGAT	32510
7859	3171	AGGAUUCC A UCGCCCCA	11476	TGGGGCGA GGCTAGCTACAACGA GGAATCCT	32511
7867	3163	AUCGCCCC A CAAGGUAU	11480	ATACCTTG GGCTAGCTACAACGA GGGGCGAT	32512
7888	3142	CUCAGGCC A CGUACAUG	11485	CATGTACG GGCTAGCTACAACGA GGCCTGAG	32513
7894	3136	CCACGUAC A UGAUUUGA	11486	TCAAATCA GGCTAGCTACAACGA GTACGTGG	32514
7907	3123	UUGACUUC A CCCAGAAC	11488	GTTCTGGG GGCTAGCTACAACGA GAAGTCAA	32515
7933	3097	AAGCUUCC A CGUAUCAU	11499	ATGATACG GGCTAGCTACAACGA GGAAGCTT	32516
7940	3090	CACGUAUC A UUGAGCCU	11500	AGGCTCAA GGCTAGCTACAACGA GATACGTG	32517
<u> </u>		GACAGGUC A CUGUGGAU		ATCCACAG GGCTAGCTACAACGA GACCTGTC	
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8026	3004	CGAGUCAC A UUCAGUUG	11519	CAACTGAA GGCTAGCTACAACGA GTGACTCG	32520
8061	2969	UCAGGAAC A UCCGAGUG	11528	CACTCGGA GGCTAGCTACAACGA GTTCCTGA	32521
8097	2933	AAUCCUCC A CUUCUAAG	11538	CTTAGAAG GGCTAGCTACAACGA GGAGGATT	32522
8134	2896	AGUCGGAC A UUCCUUGG	11545	CCAAGGAA GGCTAGCTACAACGA GTCCGACT	32523
8153	2877	UCCGGACC A UCAACCAC	11551	GTGGTTGA GGCTAGCTACAACGA GGTCCGGA	32524
8160	2870	CAUCAACC A CAAAGGUG	11554	CACCTTTG GGCTAGCTACAACGA GGTTGATG	32525
8274	2756	ACUUGUAC A UUCCCUCC	11575	GGAGGGAA GGCTAGCTACAACGA GTACAAGT	32526
8295	2735	UCUCAACC A CGACACUA	11584	TAGTGTCG GGCTAGCTACAACGA GGTTGAGA	32527
8300	2730	ACCACGAC A CUAAGGUC	11585	GACCTTAG GGCTAGCTACAACGA GTCGTGGT	32528
8310	2720	UAAGGUCC A CACCAUUC	11588	GAATGGTG GGCTAGCTACAACGA GGACCTTA	32529
8312	2718	AGGUCCAC A CCAUUCUC	11589	GAGAATGG GGCTAGCTACAACGA GTGGACCT	32530
8315	2715	UCCACACC A UUCUCCUU	11591	AAGGAGAA GGCTAGCTACAACGA GGTGTGGA	32531
8349	2681	CGUCCUUC A CUGCUUCC	11600	GGAAGCAG GGCTAGCTACAACGA GAAGGACG	32532
8359	2671	UGCUUCCC A CAUUUGAU	11605	ATCAAATG GGCTAGCTACAACGA GGGAAGCA	32533
8361	2669	CUUCCCAC A UUUGAUGC	11606	GCATCAAA GGCTAGCTACAACGA GTGGGAAG	32534
8398	2632	UAGACCGC A CACUCCUU	11613	AAGGAGTG GGCTAGCTACAACGA GCGGTCTA	32535
8400	2630	GACCGCAC A CUCCUUCC	11614	GGAAGGAG GGCTAGCTACAACGA GTGCGGTC	32536
8475	2555	ACCGGUCC A UCCAAGCC	11630	GGCTTGGA GGCTAGCTACAACGA GGACCGGT	32537
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8489	2541	GCCUCCAC A UCAUUGUG	11637	CACAATGA GGCTAGCTACAACGA GTGGAGGC	32539
8492	2538	UCCACAUC A UUGUGUAU	11638	ATACACAA GGCTAGCTACAACGA GATGTGGA	
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8505	2525	GUAUGAAC A CUCCACUU	11639	AAGTGGAG GGCTAGCTACAACGA GTTCATAC	32541
8510	2520	AACACUCC A CUUCCACA	11642		32542
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8551	2479	UAUGGCAC A CCCAGUGU	11655	ACACTGGG GGCTAGCTACAACGA GTGCCATA	32546
8568	2462	CAGCGUGC A CGUUCACG	11660	CGTGAACG GGCTAGCTACAACGA GCACGCTG	32547
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8633	2397	GACCUAUC A CGAGCAUU	11672	AATGCTCG GGCTAGCTACAACGA GATAGGTC	32549
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		GCCCAUCC A CAACAGGA	11678	TCCTGTTG GGCTAGCTACAACGA GGATGGGC	32552
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8730	2300	CUCCGAAC A CUUGAUGG	11700	CCATCAAG GGCTAGCTACAACGA GTTCGGAG	32554
8763	2267	AGGUGAAC A CCCCUCCA	11709	TGGAGGGG GGCTAGCTACAACGA GTTCACCT	32555
8907	2123	CUCUGCCC A CCACUAUG	11749	CATAGTGG GGCTAGCTACAACGA GGGCAGAG	32556
8910	2120	UGCCCACC A CUAUGUAU	11751	ATACATAG GGCTAGCTACAACGA GGTGGGCA	32557
8973	2057	CCGUGGCC A CUGAAACA	11764	TGTTTCAG GGCTAGCTACAACGA GGCCACGG	32558
9009	2021	AUCUGCCC A CUGGCGUU	11773	AACGCCAG GGCTAGCTACAACGA GGGCAGAT	32559
9036	1994	AUGAAGCC A CUGACGAG	11777	CTCGTCAG GGCTAGCTACAACGA GGCTTCAT	32560
9065	1965	CAAGGUCC A UCCGUGCC	11782	GGCACGGA GGCTAGCTACAACGA GGACCTTG	
9093	1937	AUUCCAAC A CCACAGUG			32561
لتتتا		A CCACAGOG	11790	CACTGTGG GGCTAGCTACAACGA GTTGGAAT	32562

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9096	1934	CCAACACC A CAGUGCCG	11792	CGGCACTG GGCTAGCTACAACGA GGTGTTGG	32563
9158	1872	CAGACGCC A UAGGUUGU	11806	ACAACCTA GGCTAGCTACAACGA GGCGTCTG	32564
9189	1841	AUUUUUCC A UCUUCACU	11814	AGTGAAGA GGCTAGCTACAACGA GGAAAAAT	32565
9195	1835	CCAUCUUC A CUCUACAC	11816	GTGTAGAG GGCTAGCTACAACGA GAAGATGG	32566
9202	1828	CACUCUAC A CUUCAAAU	11819	ATTTGAAG GGCTAGCTACAACGA GTAGAGTG	32567
9249	1781	AAAAUUCC A CAGGAAUG	11829	CATTCCTG GGCTAGCTACAACGA GGAATTTT	32568
9309	1721	AUGCUAUC A CAGACUGC	11847	GCAGTCTG GGCTAGCTACAACGA GATAGCAT	32569
9345	1685	CAAACUCC A UUAACGUC	11856	GACGTTAA GGCTAGCTACAACGA GGAGTTTG	32570
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9408	1622	UGAGGUCC A UGAACCAC	11875	GTGGTTCA GGCTAGCTACAACGA GGACCTCA	32574
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9453	1577	CAACAGUC A UCACGUAG	11886	CTACGTGA GGCTAGCTACAACGA GACTGTTG	32577
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9467	1563	UAGUAUGC A UUGGUGUC	11888	GACACCAA GGCTAGCTACAACGA GCATACTA	32579
9494	1536	CGUGGUUC A CAGUCCAC	11894	GTGGACTG GGCTAGCTACAACGA GAACCACG	32580
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9515	1515	ACCUCUCC A UAUUCUCC	11904	GGAGAATA GGCTAGCTACAACGA GGAGAGGT	32583
9618	1412	GCGACUCC A CAGUAGUU	11926	AACTACTG GGCTAGCTACAACGA GGAGTCGC	32584
9632	1398	GUUGGUCC A UGGACAAA	11929	TTTGTCCA GGCTAGCTACAACGA GGACCAAC	32585
9648	1382	AAAUGGCC A CUUCGUAC	11932	GTACGAAG GGCTAGCTACAACGA GGCCATTT	32586
9718	1312	UUUGGCGC A UGUGUCAA	11945	TTGACACA GGCTAGCTACAACGA GCGCCAAA	32587
9774	1256	CCCUGUCC A CCACUCCU	11964	AGGAGTGG GGCTAGCTACAACGA GGACAGGG	32588
9777	1253	UGUCCACC A CUCCUUGU			
			11966	ACAAGGAG GGCTAGCTACAACGA GGTGGACA	32589
9790	1240	UUGUCUGC A CACAAAAG	11971	CTTTTGTG GGCTAGCTACAACGA GCAGACAA	32590
9792	1238	GUCUGCAC A CAAAAGCU	11972	AGCTTTTG GGCTAGCTACAACGA GTGCAGAC	32591
9809	1221	GGGUCAGC A CGUUUGUC	11976	GACAAACG GGCTAGCTACAACGA GCTGACCC	32592
9818	1212	CGUUUGUC A UUGUGAGC	11977	GCTCACAA GGCTAGCTACAACGA GACAAACG	32593
9834	1196	CUUCUCCC A UGGUCGGG	11982	CCCGACCA GGCTAGCTACAACGA GGGAGAAG	32594
9844	1186	GGUCGGGC A CGCAGCUU	11983	AAGCTGCG GGCTAGCTACAACGA GCCCGACC	32595
9921	1109	CCGCCUCC A UAUUCAUC	12000	GATGAATA GGCTAGCTACAACGA GGAGGCGG	32596
9927	1103	CCAUAUUC A UCAUCUUC	12001	GAAGATGA GGCTAGCTACAACGA GAATATGG	32597
9930	1100	UAUUCAUC A UCUUCACA	12002	TGTGAAGA GGCTAGCTACAACGA GATGAATA	32598
9936	1094	UCAUCUUC A CAUCGAUG	12004	CATCGATG GGCTAGCTACAACGA GAAGATGA	32599
9938	1092	AUCUUCAC A UCGAUGGU	12005	ACCATCGA GGCTAGCTACAACGA GTGAAGAT	32600
9963	1067	CCUUAGAC A UGAUAGUC	12009	GACTATCA GGCTAGCTACAACGA GTCTAAGG	32601
9972	1058	UGAUAGUC A CGCAGCUG	12010	CAGCTGCG GGCTAGCTACAACGA GACTATCA	32602
10002	1028	CCAAAUCC A CCCAUGUU	12018	AACATGGG GGCTAGCTACAACGA GGATTTGG	32603
10006	1024	AUCCACCC A UGUUGCUC	12021	GAGCAACA GGCTAGCTACAACGA GGGTGGAT	32604
10020	1010	CUCCAGAC A CUCCUUCC	12025	<del></del>	32605
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10080	950	CUGGGGCC A CCAAAAGC	12041	GCTTTTGG GGCTAGCTACAACGA GGCCCCAG	32607
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10104	926	CGACAAAC A CAACUCUC	12047	GAGAGTTG GGCTAGCTACAACGA GCTATTGC	32609
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			12057	TGGTTGGA GGCTAGCTACAACGA GCTTGGGA	32611
10155	875	CGGCUGCC A CCAGGGCA	12064	TGCCCTGG GGCTAGCTACAACGA GGCAGCCG	32612
10163	867	ACCAGGGC A UAUCCAGG	12067	CCTGGATA GGCTAGCTACAACGA GCCCTGGT	32613
10186	844	CAAGAUCC A UGAUUCUG	12074	CAGAATCA GGCTAGCTACAACGA GGATCTTG	32614
10230	800	UGCUGUCC A UCCAAGCC	12084	GGCTTGGA GGCTAGCTACAACGA GGACAGCA	32615
10278	752	GUGUCUGC A CUGUCAGU	12098	ACTGACAG GGCTAGCTACAACGA GCAGACAC	32616
10324	706	CUUGGUGC A UCUUCCAU	12107	ATGGAAGA GGCTAGCTACAACGA GCACCAAG	32617
10331	699	CAUCUUCC A UACCUGAC	12110	GTCAGGTA GGCTAGCTACAACGA GGAAGATG	32618
10360	670	CUUUGUGC A CCAACAGU	12116	ACTGTTGG GGCTAGCTACAACGA GCACAAAG	32619
10385	645	UCUGGAUC A UUACCAGC	12122	GCTGGTAA GGCTAGCTACAACGA GATCCAGA	32620
10401	629	CCGACAGC A CUGGGCAU	12127	ATGCCCAG GGCTAGCTACAACGA GCTGTCGG	32621
10408	622	CACUGGGC A UUCAUAAG	12129	CTTATGAA GGCTAGCTACAACGA GCCCAGTG	32622
10412	618	GGGCAUUC A UAAGUGAU	12130	ATCACTTA GGCTAGCTACAACGA GAATGCCC	32623
10427	603	AUAGUAUC A UCGCACAU	12131	ATGTGCGA GGCTAGCTACAACGA GATACTAT	32624
10432	598	AUCAUCGC A CAUGUAUC	12132	GATACATG GGCTAGCTACAACGA GCGATGAT	
		ביים אינים אינים אינים ביים	T-6136	GALACATO GOCTAGCTACAACGA GCGATGAT	32625

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10434	596	CAUCGCAC A UGUAUCCC	12133	GGGATACA GGCTAGCTACAACGA GTGCGATG	32626
10443	587	UGUAUCCC A CAUCCAUU	12136	AATGGATG GGCTAGCTACAACGA GGGATACA	32627
10445	585	UAUCCCAC A UCCAUUGC	12137	GCAATGGA GGCTAGCTACAACGA GTGGGATA	32628
10449	581	CCACAUCC A UUGCUCUG	12139	CAGAGCAA GGCTAGCTACAACGA GGATGTGG	32629
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10520	510	UCAGUAGC A UUUACCGU	12152	ACGGTAAA GGCTAGCTACAACGA GCTACTGA	32632
<b></b>		UUACCGUC A UCAUCACC	12154	GGTGATGA GGCTAGCTACAACGA GACGGTAA	32633
10530	500		12155	GAAGGTGA GGCTAGCTACAACGA GATGACGG	32634
10533	497	CCGUCAUC A UCACCUUC			32635
10536	494	UCAUCAUC A CCUUCCCU	12156	AGGGAAGG GGCTAGCTACAACGA GATGATGA	
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10655	375	UUGAUAGC A CUGGUCAA	12184	TTGACCAG GGCTAGCTACAACGA GCTATCAA	32637
10701	329	GGUGUUUC A UCGCUGUU	12195	AACAGCGA GGCTAGCTACAACGA GAAACACC	32638
10719	311	GUUUGUUC A CACCUCUC	12197	GAGAGGTG GGCTAGCTACAACGA GAACAAAC	32639
10721	309	UUGUUCAC A CCUCUCCA	12198	TGGAGAGG GGCTAGCTACAACGA GTGAACAA	32640
10729	301	ACCUCUCC A UCGAUCCA	12203	TGGATCGA GGCTAGCTACAACGA GGAGAGGT	32641
10740	290	GAUCCAGC A CUGCUCGG	12206	CCGAGCAG GGCTAGCTACAACGA GCTGGATC	32642
10794	236	GAGCCAAC A CAAAUCGU	12217	ACGATTTG GGCTAGCTACAACGA GTTGGCTC	32643
10833	197	GGCUCAAC A UAGCCCUC	12227	GAGGGCTA GGCTAGCTACAACGA GTTGAGCC	32644
10863	167	AGGACAAC A CGCGGGGC	12237	GCCCGCG GGCTAGCTACAACGA GTTGTCCT	32645
10872	158	CGCGGGGC A UUCCGCGU	12238	ACGCGGAA GGCTAGCTACAACGA GCCCCGCG	32646
10887	143	GUUUUAGC A UAUUGACA	12240	TGTCAATA GGCTAGCTACAACGA GCTAAAAC	32647
		UCUUAGAC A UCGAGAUC	12253	GATCTCGA GGCTAGCTACAACGA GTCTAAGA	32648
10932	98	CAGCUCGC A CUGUGUUA	12258	TAACACAG GGCTAGCTACAACGA GCGAGCTG	32649
10963	67			AGTGTTTG GGCTAGCTACAACGA GAGGATTA	32650
10988	42	UAAUCCUC A CAAACACU	12262	CTTAGTAG GGCTAGCTACAACGA GTTTGTGA	32651
10994	36	UCACAAAC A CUACUAAG	12264		
11014	16	GUCAGCUC A CACAGGCG	12269	CGCCTGTG GGCTAGCTACAACGA GAGCTGAC	32652
11016	14	CAGCUCAC A CAGGCGAA	12270	TTCGCCTG GGCTAGCTACAACGA GTGAGCTG	32653
10	11020	GAUCCUGU G UUCUCGCA	12272	TGCGAGAA GGCTAGCTACAACGA ACAGGATC	32654
16	11014	GUGUUCUC G CACCACCA	12273	TGGTGGTG GGCTAGCTACAACGA GAGAACAC	32655
25	11005	CACCACCA G CCACCAUU	12274	AATGGTGG GGCTAGCTACAACGA TGGTGGTG	32656
34	10996	CCACCAUU G UCGGCGCA	12275	TGCGCCGA GGCTAGCTACAACGA AATGGTGG	32657
38	10992	CAUUGUCG G CGCACUGU	12276	ACAGTGCG GGCTAGCTACAACGA CGACAATG	32658
40	10990	UUGUCGGC G CACUGUGC	12277	GCACAGTG GGCTAGCTACAACGA GCCGACAA	32659
45	10985	GGCGCACU G UGCCGUGU	12278	ACACGGCA GGCTAGCTACAACGA AGTGCGCC	32660
47	10983	CGCACUGU G CCGUGUGG	12279	CCACACGG GGCTAGCTACAACGA ACAGTGCG	32661
50	10980	ACUGUGCC G UGUGGCUG	12280	CAGCCACA GGCTAGCTACAACGA GGCACAGT	32662
52	10978	UGUGCCGU G UGGCUGGU	12281	ACCAGCCA GGCTAGCTACAACGA ACGGCACA	32663
55	10975	GCCGUGUG G CUGGUUGU	12282	ACAACCAG GGCTAGCTACAACGA CACACGGC	32664
59	10971	UGUGGCUG G UUGUGCAG	12283	CTGCACAA GGCTAGCTACAACGA CAGCCACA	32665
62	10968	GGCUGGUU G UGCAGAGC	12284	GCTCTGCA GGCTAGCTACAACGA AACCAGCC	32666
		CUGGUUGU G CAGAGCAG	12285	<u> </u>	32667
64	10966				32668
69	10961	UGUGCAGA G CAGAAGAU	12286		
84	10946	AUCUCCUA G UCUAUCCC	12287		32669
95	10935	UAUCCCAG G UGUCAAUA	12288		32670
97	10933	UCCCAGGU G UCAAUAUG	12289		32671
105	10925	GUCAAUAU G CUGUUUUG	12290		32672
108	10922	AAUAUGCU G UUUUGUUG	12291		32673
113	10917	GCUGUUUU G UUGUGGUG	12292	<u> </u>	32674
116	10914	GUUUUGUU G UGGUGUUU	12293		32675
119	10911	UUGUUGUG G UGUUUUGU	12294	ACAAAACA GGCTAGCTACAACGA CACAACAA	32676
121	10909	GUUGUGGU G UUUUGUGG	12295	CCACAAAA GGCTAGCTACAACGA ACCACAAC	32677
126	10904	GGUGUUUU G UGGCACGG	12296	CCGTGCCA GGCTAGCTACAACGA AAAACACC	32678
129	10901	GUUUUGUG G CACGGGGU	12297	<u> </u>	32679
136	10894	GGCACGGG G UCUCCACU	12298		32680
153	10877	AACCUCUA G UCCUUCCC	12299		32681
,	<del></del>	GACCUACA G CUUCAGUC	12300		32682
	1085R		1	· · · · · · · · · · · · · · · · · · ·	
172	10858	<del> </del>	12301	CAGCCTGA GGCTAGCTACAACGA TGAAGCTG	32683
172 178	10852	CAGCUUCA G UCAGGCUG	12301		32683
172 178 183	10852 10847	CAGCUUCA G UCAGGCUG UCAGUCAG G CUGGGCCG	12302	CGGCCCAG GGCTAGCTACAACGA CTGACTGA	32684
172 178 183 188	10852 10847 10842	CAGCUUCA G UCAGGCUG UCAGUCAG G CUGGGCCG CAGGCUGG G CCGUGCAC	12302 12303	CGGCCCAG GGCTAGCTACAACGA CTGACTGA GTGCACGG GGCTAGCTACAACGA CCAGCCTG	32684 32685
172 178 183 188 191	10852 10847 10842 10839	CAGCUUCA G UCAGGCUG UCAGUCAG G CUGGGCCG CAGGCUGG G CCGUGCAC GCUGGGCC G UGCACUUU	12302 12303 12304	CGGCCCAG GGCTAGCTACAACGA CTGACTGA GTGCACGG GGCTAGCTACAACGA CCAGCCTG AAAGTGCA GGCTAGCTACAACGA GGCCCAGC	32684 32685 32686
172 178 183 188	10852 10847 10842	CAGCUUCA G UCAGGCUG UCAGUCAG G CUGGGCCG CAGGCUGG G CCGUGCAC	12302 12303	CGGCCCAG GGCTAGCTACAACGA CTGACTGA GTGCACGG GGCTAGCTACAACGA CCAGCCTG AAAGTGCA GGCTAGCTACAACGA GGCCCAGC TTAAAGTG GGCTAGCTACAACGA ACGGCCCA	32684 32685

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210	10820	ACCGCGGG G UCUCCUCU	12307	AGAGGAGA GGCTAGCTACAACGA CCCGCGGT	32689
227	10803	AACCUCUA G UCCUUUCG	12308	CGAAAGGA GGCTAGCTACAACGA TAGAGGTT	32690
235	10795	GUCCUUUC G CCCUGGUU	12309	AACCAGGG GGCTAGCTACAACGA GAAAGGAC	32691
241	10789	UCGCCCUG G UUAACACC	12310	GGTGTTAA GGCTAGCTACAACGA CAGGGCGA	32692
259	10771	UUACCGGG G CUAGGGCC	12311	GGCCCTAG GGCTAGCTACAACGA CCCGGTAA	32693
265	10765	GGGCUAGG G CCGCGUGG	12312	CCACGCGG GGCTAGCTACAACGA CCTAGCCC	32694
		CUAGGGCC G CGUGGGGC	12313	GCCCCACG GGCTAGCTACAACGA GGCCCTAG	32695
268	10762				
270	10760	AGGGCCGC G UGGGGCGU	12314	ACGCCCCA GGCTAGCTACAACGA GCGGCCCT	32696
275	10755	ceceneee e cenneenn	12315	AACCAACG GGCTAGCTACAACGA CCCACGCG	32697
277	10753	CGRGGGGC G RRGGRARG	12316	CAAACCAA GGCTAGCTACAACGA GCCCCACG	32698
281	10749	GGGCGUUG G UUUGCCUU	12317	AAGGCAAA GGCTAGCTACAACGA CAACGCCC	32699
285	10745	GUUGGUUU G CCUUUGUU	12318	AACAAAGG GGCTAGCTACAACGA AAACCAAC	32700
291	10739	UUGCCUUU G UUAACCCA	12319	TGGGTTAA GGCTAGCTACAACGA AAAGGCAA	32701
300	10730	UUAACCCA G UCCUCCUG	12320	CAGGAGGA GGCTAGCTACAACGA TGGGTTAA	32702
311	10719	CUCCUGGG G CACUAUCG	12321	CGATAGTG GGCTAGCTACAACGA CCCAGGAG	32703
319	10711	GCACUAUC G CAGACUGC	12322	GCAGTCTG GGCTAGCTACAACGA GATAGTGC	32704
	<del></del>	CGCAGACU G CACUCUCC	12323	GGAGAGTG GGCTAGCTACAACGA AGTCTGCG	32705
326	10704				
335	10695	CACUCUCC G CAGAGUAG	12324	CTACTCTG GGCTAGCTACAACGA GGAGAGTG	32706
340	10690	UCCGCAGA G UAGCACGC	12325	GCGTGCTA GGCTAGCTACAACGA TCTGCGGA	32707
343	10687	GCAGAGUA G CACGCCGU	12326	ACGGCGTG GGCTAGCTACAACGA TACTCTGC	32708
347	10683	AGUAGCAC G CCGUAGCG	12327	CGCTACGG GGCTAGCTACAACGA GTGCTACT	32709
350	10680	AGCACGCC G UAGCGUGG	12328	CCACGCTA GGCTAGCTACAACGA GGCGTGCT	32710
353	10677	ACGCCGUA G CGUGGUCU	12329	AGACCACG GGCTAGCTACAACGA TACGGCGT	32711
355	10675	GCCGUAGC G UGGUCUGA	12330	TCAGACCA GGCTAGCTACAACGA GCTACGGC	32712
358	10672	GUAGCGUG G UCUGACAU	12331	ATGTCAGA GGCTAGCTACAACGA CACGCTAC	32713
370	10660	GACAUUGG G CUUUGAAG	12332	CTTCAAAG GGCTAGCTACAACGA CCAATGTC	32714
378	10652	GCUUUGAA G UUACAACA	12333	TGTTGTAA GGCTAGCTACAACGA TTCAAAGC	32715
				<u> </u>	
388	10642	UACAACAU G UGGGGUCC	12334	GGACCCCA GGCTAGCTACAACGA ATGTTGTA	32716
393	10637	CAUGUGGG G UCCUCCUU	12335	AAGGAGGA GGCTAGCTACAACGA CCCACATG	32717
410	10620	CCGAGACG G UUCUGAGG	12336	CCTCAGAA GGCTAGCTACAACGA CGTCTCGG	32718
419	10611	UUCUGAGG G CUUACAUG	12337	CATGTAAG GGCTAGCTACAACGA CCTCAGAA	32719
437	10593	AUCACUUC G CGGCUUUG	12338	CAAAGCCG GGCTAGCTACAACGA GAAGTGAT	32720
440	10590	ACUUCGCG G CUUUGUUC	12339	GAACAAAG GGCTAGCTACAACGA CGCGAAGT	32721
445	10585	GCGGCUUU G UUCACCCA	12340	TGGGTGAA GGCTAGCTACAACGA AAAGCCGC	32722
454	10576	UUCACCCA G UCCUCCUG	12341	CAGGAGGA GGCTAGCTACAACGA TGGGTGAA	32723
465	10565	CUCCUGGG G UUGAGUCG	12342	CGACTCAA GGCTAGCTACAACGA CCCAGGAG	32724
470	10560	GGGGUUGA G UCGCAGGC	12343	GCCTGCGA GGCTAGCTACAACGA TCAACCCC	32725
473	10557	GUUGAGUC G CAGGCAGC	12344	GCTGCCTG GGCTAGCTACAACGA GACTCAAC	32726
				<u></u>	
477	10553	AGUCGCAG G CAGCACCG	12345	CGGTGCTG GGCTAGCTACAACGA CTGCGACT	32727
480	10550	CGCAGGCA G CACCGUCU	12346	AGACGGTG GGCTAGCTACAACGA TGCCTGCG	32728
485	10545	GCAGCACC G UCUACUCA	12347	TGAGTAGA GGCTAGCTACAACGA GGTGCTGC	32729
501	10529	AACUUCCG G UGGCGGGA	12348	TCCCGCCA GGCTAGCTACAACGA CGGAAGTT	32730
504	10526	UUCCGGUG G CGGGAACU	12349	AGTTCCCG GGCTAGCTACAACGA CACCGGAA	32731
518	10512	ACUUCCCG G CCUGACUU	12350	AAGTCAGG GGCTAGCTACAACGA CGGGAAGT	32732
595	10435	ACUUUUAU G CAUACUUA	12351	TAAGTATG GGCTAGCTACAACGA ATAAAAGT	32733
608	10422	CUUAUAUU G UCUAUUUA	12352	TAAATAGA GGCTAGCTACAACGA AATATAAG	32734
637	10393	UAUCUACA G UACUGUGU	12353	ACACAGTA GGCTAGCTACAACGA TGTAGATA	32735
642	10388	ACAGUACU G UGUCCUCA	12354	TGAGGACA GGCTAGCTACAACGA AGTACTGT	32736
644	10386	AGUACUGU G UCCUCAAC	12355		32737
657	10373	CAACCAAA G UUGUGUCU	12356	AGACACAA GGCTAGCTACAACGA TTTGGTTG	32738
	<del></del>			4	
660	10370	CCAAAGUU G UGUCUUCA	12357		32739
662	10368	AAAGUUGU G UCUUCAUA	12358		32740
679	10351	UCUCUUUA G UGAACUCA	12359	<u> </u>	32741
689	10341	GAACUCAU G UAAUCCAC	12360	GTGGATTA GGCTAGCTACAACGA ATGAGTTC	32742
720	10310	CGAUGAUU G CUCUGACU	12361	AGTCAGAG GGCTAGCTACAACGA AATCATCG	32743
731	10299	CUGACUUG G UUGAUAGC	12362	GCTATCAA GGCTAGCTACAACGA CAAGTCAG	32744
738	10292	GGUUGAUA G CCACCUGG	12363	CCAGGTGG GGCTAGCTACAACGA TATCAACC	32745
749	10281	ACCUGGAU G UUUUCUGC	12364		32746
756	10274	UGUUUUCU G CCCACGUG	12365		32747
762	10268	CUGCCCAC G UGGCUCGG	12366		32748
765	10265	CCCACGUG G CUCGGGCU		AGCCCGAG GGCTAGCTACAACGA CACGTGGG	
771	10259	UGGCUCGG G CUCUUGUG	12367		32749
<del></del>			12368	<u></u>	32750
777	10253	GGGCUCUU G UGCCAAUC	12369	GATTGGCA GGCTAGCTACAACGA AAGAGCCC	32751

1925	***	J 02/00003	<u></u>	14010 7	PC1/USU1/48350	
10239   ANCAGOCU G CACACCA   12377   TOSTITUTO GOTTAGCTACACA ACCCTACT 37756   1031   10222   CACCAMA G UCCUUCTO   12376   CAGRAGA G CATAGCTACACACA ACCCTACACA ACCCTACACACA   12376   TOSAGATA GOTTAGCTACACACA GARGAGACA   12376   TOSAGATA GOTTAGCTACACACA ACACACA ACACACA ACACACA ACACACA CACACACA CACACACACACACACACACACACACACACACACACACACA	779	10251	GCUCUUGU G CCAAUCAG	12370	CTGATTGG GGCTAGCTACAACGA ACAAGAGC	32752
803   10227   CACCMANI & UCCULUCIG   12375   CAGMANA GICTAGCTRACAGA ATCHGOTO   37755   810   10200   UNIDERAC & UCCULUCIG   12375   CROMATAGA GICTAGCTRACAGA GRAGAGAC   37755   852   10179   CONCLUGAGE & UNIDIDUCU   12376   TORNATAGA GICTAGCTRACAGA GRAGAGAC   32757   857   10179   CONCLUGAGE & UNIDIDUCU   12377   ACACMANA GICTAGCTRACAGA GICCAGTTO   32758   857   10179   CONCLUGAGE & UNIDIDUCU   12377   ACACMANA GICTAGCTRACAGA GICCAGTTO   32758   857   10173   CAMARACA & UUCUCCAGA   12376   GTCTAGANA GICTAGCTRACAGA CATOTTOTTO   32760   10115   UCCARACA & UUCUCCAGA   12376   GTCTAGANA GICTAGCTRACAGA RATOTTOGA   32767   10115   UCCARACA & UUCUCCAGA   12376   GTCTAGANA GICTAGCTRACAGA ATCHTOTTOGA   32762   12371   10119   CUUCUCCAGA & UUCUCCAGA   12381   GATARCARA GICTAGCTRACAGA AGAGGAGA   32762   12381   10119   CUUCUCCAGA & UUCUCCAGA   12381   GATARCARA GICTAGCTRACAGA AGAGGAGA   32762   12381   1019   CUUCUCCA & UUGUCCAC   12381   GATARCARA GICTAGCTRACAGA AGAGGAGA   32764   12381   1019   CUUCUCCA & UUGUCCAC   12381   CATOCATA GICTAGCTRACAGA AGAGGAGA   32764   10076   UUGACCA & UUGUCUCCA   12381   CATOCATA GICTAGCTRACAGA AGAGGAGA   32764   10076   UUGACCA & UUGUCUCCA   12381   GAGAACA GICTAGCTRACAGA AGAGGAGA   32764   10076   UUGACCA & UUGUCUCCA   12381   GAGAACA GICTAGCTRACAGAGA GOGGAGAA   32764   10076   UUGACCA & UUGUCUCCA   12381   GAGAACA GICTAGCTRACAGAGA GOGGAGAA   32764   10076   UUGACCA & UUGUCUCCA   12381   TOCATCA GICTAGCTRACAGAGA GOGGAGAA   32764   10076   UUGACCA & UUGACCA   12381   CATOCATA GICTAGCTRACAGAGA GOGGAGAA   12381   10076   UUGACCA   UUGACCA   12381   CATOCATA GICTAGCTRACAGAGA GOGGAGAA   12381   TOCATCA GICTAGCTRACAGAGA GOGGAGAA   12381   TOCATCA GICTAGCTRACAGAGA GOGGAGAA   12381   TOCATCA GICTAGCTRACAGAGA GAGGAGA   12381   TOCATCA GICTAGCTRACAGAGA GAGGAGA   12381   TOCATCA GICTAGCTRACAGAGA GACTATTA   12770   1004   10028   CAADAGAG G UUGACCA   12388   GACAACA GACTAGCTRACAGAA GACTAGCTRACAGAA GACTAGCA   12381   TOCATCA GACTAGCTRACAGAA GACTAGCTRACAGAA GACTAGCTRACAGAA GACTAGCTRACAGAA GACTAGCTR	788	10242	CCAAUCAG G CUGCCACA	12371	TGTGGCAG GGCTAGCTACAACGA CTGATTGG	32753
B11   10219   GUCUUCU G UUUUCUCU   12376   CAGGANAA GGCTAGCTACACGA GGAGGGA   32756   10178   CCACUGGG G UUUUGUCU   12376   GAGCANAA GGCTAGCTACACGA GCCCATTG GTCCATA   12756   10179   GGGGGUTU G UUUUCUCU   12376   AGCANAA GGCTAGCTACACGA CCCAGTGG   32758   10137   GGGGGUTU G UUUCUCU   12377   AGGGAGA A AGCACGA   12378   AGGANAA GGCTAGCTACACGA CCCAGTGG   32758   10137   CANACGG G UUCCAGAC   12379   AGGANAA GGCTAGCTACACAGA CCCAGTGG   32758   10137   CANACGG G UUCCAGAC   12379   ACAGAGGA GGCTAGCTACACAGA ATOTTGGA   32761   10119   UUCCAACGU G UUCCAGGA   12379   ACAGAGGA GGCTAGCTACACAGA ACGAGGA   32761   10119   UUCCAACGU G UUCCAGG   12381   GTGGATGA GGCTAGCTACACAGA ACGAGGA   32761   10119   UUCUACCC G UUGCAGA   12381   GTGGATGA GGCTAGCTACACAGA ACGAGGA   32763   10191   UUCUACCU G CAUGGAA   12381   GTGGATGA GGCTAGCTACACAGA ACGAGGAG   32763   10191   UUCUUCCG G CAUGGAAG   12381   AGGAACCA GCTAGCTACACAGA ACGAGGA   32763   10191   ACCACGGU G UUCUUCCG   12384   AGGAACCA GCTAGCTACACAGA ACGAGGA   32763   10191   ACCACGGA G GAGGAGA   12385   AGGACCA GCTAGCTACACAGA ACGAGGAGA   32767   10191   ACCACGGA G CAAAUGGA   12385   AGGACCA GCTAGCTACACAGA ACGAGGAGA   32767   10191   ACCACGGA G CAAAUGGA   12385   AGGACCA GCTAGCTACACAGA ACGAGGA   12386   AGCACGA G GCAACGACA GCAACGA GC	791	10239	AUCAGGCU G CCACACCA	12372	TGGTGTGG GGCTAGCTACAACGA AGCCTGAT	32754
852   10179   CACAGGG G UUGUCCAN   12775   TORRAFIGA GOCTAGCTACAAGG STCCCATTA   32775   10173   GOGGUUTU G UCUCCAN   12377   ARGCANA GOCTAGCTACAAGGA CCCATTOG   32758   875   10173   CANACAGG G UCUCCAGG   12377   ARGCANA GOCTAGCTACAAGGA ANAACCCC   32759   10137   CANACAGG G UUCCAGG   12377   ARGCANAG GOCTAGCTACAAGGA ANAACCCC   32759   10139   UCCAACAU G UUCCAGG   12377   ARGCANAG GOCTAGCTACAAGGA ANAACCCC   32769   10139   UCCAACAU G UUCCAGG   12378   ARGCAGGA GGCTAGCTACAAGGA ANAACCCC   32761   10139   UCCAACAU G UUCCACAC   12381   ARGCAGGA GGCTAGCTACAAGGA ANCAGGA   32762   10139   UCUCCUCCU G CAUGGAU   12386   ARGCAGA GGCTAGCTACAAGGA ANCAGGA   32762   10139   UCUCCUCCU G CAUGGAU   12384   TORGATGA GGCTAGCTACAAGGA ANCAGGA   32762   10139   UCUCCUCCU G CAUGGAU   12384   TORGATGA GGCTAGCTACAAGGA ANCAGGA   32762   10199   UCUCCUCCU G CAUGGAU   12384   COGAAGAA GGCTAGCTACAAGGA GTGGTCCC   32765   10073   ACCACGU G UUCUUCCC   12384   COGAAGAA GGCTAGCTACAAGGA GTGGTCCC   32765   10073   ACCACGU G UUCUUCC   12384   COGAAGAA GGCTAGCTACAAGGA GTGGTCCC   32765   10073   ACCACGU G UUCUUCC   12384   COGAAGAA GGCTAGCTACAAGGA GTGGTCCC   32765   10074   UCUUCCG G UUGGGGC   12386   GTCCCTT   GGCTAGCTACAAGGA GTGGTCCC   32765   10074   UCUUCCG G UUGGGGC   12386   GTCCCTT   GGCTAGCTACAAGGA GTGGTCCC   32765   10074   UCUUCCG G UUGGGGC   12386   GTCCCTT   GGCTAGCTACAAGGA GTGGTCC   32765   10074   UCUUCCG G UUGGGC   12386   GTCCCTT   GGCTAGCTACAAGGA CTGGTCT   32765   10074   UCUUCCG G UUGGGC   12386   GTCCCTT   GGCTAGCTACAAGGA CTGGTCC   32767   10074   UCUUCCG G UUGGGC   12386   GTCCCTT   GGCTAGCTACAAGGA CTGGTCT   32761   10074   UCUUCCG G UUGGGC   12386   GTCCCTT   GGCTAGCTACAAGGA CTGCTTCT   32771   1008   10022   UGCGUUUC   CUUCCAC   12386   GTCCCTT   GGCTAGCTACAAGGA CTGCTTCT   32771   1008   10022   UGCGUUU   CUUCCAC   12386   GTCCCTT   GGCTAGCTACAAGGA CTGCTTCT   32771   1008   10022   UGCGUUU   CUUCCAC   12386   GTCCCTTCT   GGCTAGCTACAAGGA CTGCTTCT   32771   1008   10022   UGCGUUU   UCUUCCAC   12386   GTCCCTTCT   GGCTAGCTACAAGGA CT	803	10227	CACCAGAU G UCCUCUCG	12373	CGAGAGGA GGCTAGCTACAACGA ATCTGGTG	32755
B55	811	10219	GUCCUCUC G UUUUCCUG	12374	CAGGAAAA GGCTAGCTACAACGA GAGAGGAC	32756
BSF	830	10200	UAUGGGAC G UCACUCCA	12375	TGGAGTGA GGCTAGCTACAACGA GTCCCATA	
893   10137   G93GUUUU G UCUUCCAU   12377   ATGGARAG GGCTAGCTACAACGA ANACCCC   22759   893   10137   CANACACG G UCCUCCAC   23758   GTCTGGARA GGCTAGCTACAACGA CGGTTTGT   23760   911   10119   UCCAACAU G UCCUCCUGU   12379   ACAGAGGA GGCTAGCTACAACGA AGAGGACT   23761   918   10119   CCUCUGUU G UCAUCCAC   12381   GTGGATGA GGCTAGCTACAACGA AGAGGACA   32762   921   10109   CCUCUGUU G UCAUCCAC   12381   GTGGATGA GGCTAGCTACAACGA AGAGGACA   32762   939   10091   CUCUCCCC G UUGGUUU   12383   AGAGACAG GGCTAGCTACAACGA AGAGGACA   32765   9554   10076   UGACCCAC G UUGUUCUC   12384   AGAGACAA GGCTAGCTACAACGA AGAGGAGA   32764   9566   10064   UUCUUCCG G UUGGGACCA   12384   CGGAAGGAA GGCTAGCTACAACGA CGACGAGA   32765   9576   10064   UUCUUCCG G UUGGGACCA   12384   CGGAAGGAA GGCTAGCTACAACGA CGGACGAGA   32767   9566   10064   UUCUUCCG G UUGGGACCA   12386   GTCCCTTA GGCTACAACGA CGGACGAGA   32767   959   10040   CAGGGACA   CGGAAGAAGCA   12386   TTGCTCCTG GGCTAGCTACAACGA CGGACGAGA   32767   959   10040   CAGGGACA   CGGAAGAAGCA   12386   TTGCTCTG GGCTAGCTACAACGA CGGACGAGA   32767   10041   10022   UGACGUUG G CGUUGGCC   12388   GGCCAACG GGCTAGCTACAACGA CGCACTTG   32768   10041   10022   UGACGUUG G CCAUGAGC   12388   GGCCAACG GGCTAGCTACAACGA CACACTTG   32771   10041   10022   CAAAGGC G CUCAUGAGC   12398   ATGGCCCA GGCTAGCTACAACGA CACACTTG   32771   10041   10022   CAAAGGC G CUCAUGAGC   12398   ATGGCCCA GGCTAGCTACAACGA CACACTTG   32771   10041   10012   CAAAGGC G CCAUGAGC   12398   ATGGCCCA GGCTAGCTACAACGA CACACTCC   32771   10041   10012   CAAAGGC G CCAUGAGC   12399   ATGGCCCA GGCTAGCTACAACGA CACACTCC   32771   10041   10012   CAUGAGC G CCAUGAGC   12399   ATGGCCCA GGCTAGCTACAACGA CACACCC   32771   10041   10012   CAUGAGC G CAGGAGA   12399   ACCCCCACA   12390   AC	852	10178	CCACUGGG G UUUUGUCU	12376	AGACAAAA GGCTAGCTACAACGA CCCAGTGG	<del></del>
893   10137	857	10173	GGGGUUUU G UCUUCCAU	12377	ATGGAAGA GGCTAGCTACAACGA AAAACCCC	<del></del>
1911   10119   UCCAACAU G UCCUCUGU   12379   ACCARGGA GGCTAGCTACAACGA ATGTTGGA   32762	893	10137	CAAACACG G UUCCAGAC	12378	GTCTGGAA GGCTAGCTACAACGA CGTGTTTG	<del></del>
931   10112	911	10119	UCCAACAU G UCCUCUGU	12379	ACAGAGGA GGCTAGCTACAACGA ATGTTGGA	
921   10109   CCUCUGUI G UGAUCCAC   12381   GTGGATGA GGCTAGCTACAGGA ACCAGAGG   32763   939   10091   CICCUCCU G CAUGAGUA   12385   CATCCATCAGGA GGCTAGCTACAGGA ACCAGAGGA   32764   10076   UGGACCAC G UGGUUCUU   12385   AAGAACCA GGCTAGCTACACGA ACCAGAGGA   32765   9567   10073   ACCACGUG G UUCUUCCG   12385   GGTCACTA GGCTAGCTACACGA CACGTGGT   27676   956   10064   UUCUUCCG G UGGAGGAC   12385   GGTCCATA GGCTAGCTACACGA CACGTGGT   27676   959   10040   CAGGGACA   C368GACA   12385   GGTCCATA GGCTAGCTACACGA CACGTGGT   27676   959   10040   CAGGGACA   C368GACA   12385   TGCTCCTG   GGCTAGCTACACGA CTCCCTG   32769   10041   10028   CAACAGG   CAAAAUG   C30476   12385   GCCTATG   GGCTAGCTACACGA CACGTGT   27767   10041   10028   CAAAAUG   C3040GCC   12388   GGCCACG   GGCTAGCTACACGA   CACTCTGT   32769   10041   10028   CAAAAUG   C3040GCC   12388   ATGGCCAT   GGCTAGCTACACGA   CACTCTGT   32771   1004   10028   CAAAUG   C3040GCC   12389   ATGGCCAT   GGCTAGCTACACGA   CACTCTGT   32771   1004   10028   CAAAUG   C3040GCC   12391   ATGGCCAG   GGCTAGCTACACGA   CACTCTGT   32771   1004   10028   CAACAGG   CCCAAGGU   12391   AGGCCACG   GGCTAGCTACACGA   CACTCTGT   32771   10022   CAUGAGCC   GCCAAGGU   12391   AGGCCACG   GGCTAGCTACACGA   CACTCAGC   32772   1004   10028   AGCCGCAG   UCUCUUCU   12392   AGGACCTG   GGCTAGCTACACGA   CACTCAGC   32772   1004   10028   AGCCGCAG   UCUCUUCU   12393   AGGAGCAG   GGCTAGCTACACGA   CACTCAG   32776   1001   1001   CAUGAGAC   CACGAGAGA   12395   TTGTCTGT   GGCTAGCTACACGA   CACTCAT   32776   1001   1001   CAUGAGAC   CACGAGAGA   12395   TTGTCTGT   GGCTAGCTACACGA   CACCATG   32776   1001   1001   1001   1001   1001   1001   1001   1001   1001   1001   1001   1001   1001   1001   1001   1001   1001   1001   1001   1001   1001   1001   1001   1001   1001   1001   1001   1001   1001   1001   1001   1001   1001   1001   1001   1001   1001   1001   1001   1001   1001   1001   1001   1001   1001   1001   1001   1001   1001   1001   1001   1001   1001   1001   1001   1001   1001   1001   1001   1001   1001   1001	918	10112	UGUCCUCU G UUGUCAUC	<del></del>		<del></del>
939   10091	921	10109	CCUCUGUU G UCAUCCAC			
955			<del></del>			
957   10073   ACCACGUG G UUCUUCCC   12385   GOGRAGRA GECTRACTACACGA CACGTGST   32765   956   10064   UUCUUCCG G UTAGGACCA   12385   GOTCCCTA GGCTACACACGA CACGACCA   32767   959   10040   CAGGGACA G CGAGACAA   12385   TTGCTCCG GGCTACACACGA TCTCCTCT   32768   955   10035   ACAGCGGA G CAAAUGGC   12387   GCCATTTG GGCTACACACGA TCCCTCT   32769   950   10028   ACAAUGGC G CUGGCC   12388   GGCCAACACG GGCTACACACGA TCCCCTCT   32767   1004   10028   ACAAUGGC G UUGGCCAU   12389   ACGCCACG GGCTACACACGA GCCATTTG   32771   1004   10026   CAAAUGGC G UUGGCCAU   12389   ATGGCCAA GGCTACACACGA GCCATTTG   32771   1008   10022   UGGCGUUG G CAAUGACC   12390   GCTCATGG GGCTCACACACGA GCCATTTG   32771   1015   10015   GGCCAUGA G CCACAGCC   12391   ACCTGCGG GGCTCACACACGA GCCATTTG   32771   1015   10012   CAUGAGCC G CACGGUCUC   12391   ACCTGCGG GGCTCACACACGA GCCCATC   32771   1022   10008   AGCCCACG G CUCUUCUC   12393   AGAACCTG GGCTCACACACGA GCCCACCA   32771   1031   9999   UCUCUUCU G UGGAAGUA   12394   TACTTCCA GGCTACACACGA GCCCACCA   32771   1045   9985   GUACAGAA   CACCACAC   12395   TTGTGCTG GGCTACACACGA GAAAGAGA   32776   1037   9993   UCUCUUCU G UGGAAGUA   12395   TTGTGCTG GGCTACACACGA GAAAGAGA   32776   1045   9985   GUACAGAA   CACCACAC   12396   TTGTGCTG GGCTACACACGA TCCTTCTCA   32777   1045   9985   GUACAGAA   CACCACAC   12396   TTGTGCTG GGCTACACACGA TCCTTCTC   32778   1045   9981   ACAUCUGG G CAUAAGAC   12395   TTGTCTG GGCTAGCTACAACGA TCCTTCTC   32778   1049   9991   ACAUCUGG G CAUAAGAC   12398   TTGTCTG GGCTAGCTACAACGA TCCTTCTT   32781   1049   9991   ACAUCUGG G CAUAAGAC   12398   TTGTCTG GGCTAGCTACAACGA TCCTTCTT   32781   1049   9940   ACAACCAC   GCCACAGACA   12398   TTGTCTG GGCTAGCTACAACGA TCCTTCTT   32781   1049   9940   ACAACCAC   GCCACAGCA   12400   CACACAC   GCCACAGACA   12400   CACACAC   GCCACACAGA   12400   CACACACAC   GCCACACACACACACACACACACACACACACACACACAC					· · · · · · · · · · · · · · · · · · ·	<del> </del>
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1048   9982						
1059   9971						<del></del>
1071   9959					· · · · · · · · · · · · · · · · · · ·	
1080   9950   CCAGACAA G CAGUGUCG   12400   CGACACTG GGCTAGCTACAACGA TTGTCTGG   32782   1083   9947   GACAAGCA G UGUCGCGG   12401   CCGCGACA GGCTAGCTACAACGA TGCTTGTC   32783   1085   9945   CCAGCGGU G UGCGGGAC   12402   GTCCGCGA GGCTAGCTACAACGA ACTGCTTG   32784   1088   9942   GCAGUGUC G CGGAGGUU   12403   AACGTCCG GGCTAGCTACAACGA GACACTGC   32785   1094   9936   UCCGGGAC G UUCCAUCC   12404   GGATGGA GGCTAGCTACAACGA GACACTGC   32786   1104   9926   UCCGUCGG G UCCCUCG   12404   GGATGGA GGCTAGCTACAACGA GTCCGCGA   32786   1104   9926   UCCAUCCG G CCCCUGGA   12405   GCAGGGG GGCTAGCTACAACGA GTCCGCGA   32786   1118   9912   GGAGAUAU G CGAGCUCU   12406   AGAGCTGC GGCTAGCTACAACGA CTGCATAT   32788   1122   9908   AUAUGCGA G CUCUGCCU   12407   AGGCAGGG GGCTAGCTACAACGA TCGCATAT   32789   1127   9903   CGAGCUCU G CCUACCAA   12408   TTGGTAGG GGCTAGCTACAACGA AGAGCTCC   32790   1144   9886   UUCAUCCU G UCCUCGGC   12409   GCCGAGGA GGCTAGCTACAACGA AGAGCTCC   32791   1151   9879   UGUCCUCG G CAUGGAAC   12410   GTTCCATG GGCTAGCTACAACGA AGAGCTCG   32791   1167   9863   CCACCACG G UGUUCUUC   12411   GAAGAACA   GGCTAGCTACAACGA CGAGGACA   32792   1165   9865   AACCACCA G UGUUCUUC   12411   GAAGAACA   GGCTAGCTACAACGA CGAGGACA   32795   1202   9828   GUGAAAUG G UUCAUCCU   12412   TGGAAGAA   GGCTAGCTACAACGA CAATTCAC   32796   1202   9828   GUGAAAUG G UUCAUCCU   12413   CCATTTCA GGCTAGCTACAACGA CAATTCAC   32796   1202   9828   GUGAAAUG G UUCAUCCU   12414   TGCTCAAA GGCTACCAACGA CATTTCAC   32796   1202   9808   UGGAACCU G UGCAAUU   12415   CCATTTCA GGCTAGCTACAACGA CATTTCAC   32796   1202   9828   GUGAAAUG G UUCACCU   12415   CCATTTCA GGCTAGCTACAACGA CATTTCAC   32796   1202   9808   UGGAACCU G CUGCCAAU   12414   TGCTCAAA GGCTAGCTACAACGA CATTTCAC   32796   1202   9808   UGGAACCU G CUGCCAAU   12415   ATGATGG GGCTAGCTACAACGA CATTTCAC   32797   1222   9808   UGGACAG G UUCACCU G CAAACGA GGCTAGCTACAACGA CATTCAACGA CATTCAC   32807   32801   32801   32801   32801   32801   32801   32801   32801   32801   32801   32801   32801   32801   32801   3						
1083   9947						
1085   9945						<del></del>
1088   9942   GCAGUGUC G CGGACGUU   12403   AACGTCCG GGCTAGCTACAACGA GACACTCC   32785     1094   9936   UCGCGGAC G UUCCAUCC   12404   GGATGGAA GGCTAGCTACAACGA GTCCGCGA   32786     1104   9926   UCCAUCCG G CCCUGGA   12405   TCCAGGGA GGCTAGCTACAACGA GTCCGCGA   32786     1118   9912   GGAGAUAU G CGAGCUCU   12406   AGAGCTCG GGCTAGCTACAACGA ATATCTCC   32788     1122   9908   AUAUGCGA G CUCUGCCU   12407   AGGCAGAG GGCTAGCTACAACGA ATATCTCC   32788     1127   9903   CGAGCUCU G CCUACCAA   12408   TTGGTAGG GGCTAGCTACAACGA AGAGCTCG   32790     1144   9886   UUCAUCCU G UCCUCGCC   12409   GCCGAGGA GGCTAGCTACAACGA AGAGCTCG   32791     1151   9879   UGUCCUCG G CAUGGAC   12409   GCCGAGGA GGCTAGCTACAACGA AGAGCTCG   32791     1165   9865   AACCACCA G UGUUCUC   12411   GAAGAACA GGCTAGCTACAACGA AGAGGACA   32792     1167   9863   CCACCAGU G UUCUUCCA   12412   TGGAAGAA GGCTAGCTACAACGA ACTGGTGG   32794     1194   9836   UCAAUUCA G UGAAAUGG   12412   TGGTAGAA GGCTAGCTACAACGA ACTGGTGG   32795     1202   9828   GUGAAAUG G UUCUUCCA   12412   TGGTCAAA GGCTAGCTACAACGA ACTGGTGG   32796     1208   9822   UGGUUUGA G CAAAAUGG   12414   TGCTCAAA GGCTAGCTACAACGA ACTGTGC   32796     1208   9822   UGGUUUGA G CAAAAUGG   12415   CCATTTCA GGCTAGCTACAACGA ACTGTCCA   32796     1222   9808   UGGAACCU G CUGCCAAU   12416   ATTGGCAG GGCTAGCTACAACGA AGGTTCCA   32796     1225   9805   AACCUGCU G CCAAUCAU   12416   ATTGGCAG GGCTAGCTACAACGA AGGTTCCA   32796     1225   9805   AACCUGCU G CCAAUCAU   12417   ATGATTGG GGCTAGCTACAACGA AGGGTT   32799     1225   9805   AACCUGCU G CCAAUCAU   12417   ATGATTGG GGCTAGCTACAACGA AGGGTT   32801     1249   9781   AGUUGACG UUUCACCU   12419   AGTTGG GGCTAGCTACAACGA AGGAGTT   32801     1249   9781   AGUUGACG UUUCACCU   12419   AGTTGG GGCTAGCTACAACGA ATCCAACGA   32802     1271   9759   AUGUCUUU GCG CAACCUU   12419   AGTTGC GGCTAGCTACAACGA ATCCAACGA   32802     1271   9759   AUGUCUUU GCG CAACCUU   12420   CCCCAAGG GGCTAGCTACAACGA ATCCAACT   32801     1266   9765   UCUGGAA G CAAGGGAG   12422   CCCCCGA GGCTAGCTACAACGA ATCCCACTC				<del></del>		
1094   9936						
1104   9926						
1118   9912   GGAGAUAU G CGAGCUCU   12406   AGAGCTCG GGCTAGCTACAACGA ATATCTCC   32788   1122   9908   AUAUGCGA G CUCUGCCU   12407   AGGCAGGA GGCTAGCTACAACGA ATATCTCC   32789   1127   9903   GGAGCUCU G CCUACCAA   12408   TTGGTAGG GGCTAGCTACAACGA AGAGCTCG   32790   1144   9886   UUCAUCCU G UCCUCGGC   12409   GCCGAGGA GGCTAGCTACAACGA AGAGCTCG   32791   1151   9879   UGUCCUCG G CAUGGAAC   12410   GTTCCATG GGCTAGCTACAACGA AGGACTA   32792   1165   9865   AACCACCA G UGUUCUCC   12411   GAAGAACA GGCTAGCTACAACGA CGAGGACA   32792   1167   9863   CCACCAGU G UUCUUCCA   12412   TGGAAGAA GGCTAGCTACAACGA CTGGTGG   32794   1194   9836   UCAAUUCA G UUUGAGCA   12412   TGGAAGAA GGCTAGCTACAACGA TGGTGGT   32795   1202   9828   GUGAAAUG G UUUGAGCA   12414   TGCTCAAA GGCTAGCTACAACGA TGAATTGA   32796   1208   9822   UGGUUUGA G CAAAAUGG   12414   TGCTCAAA GGCTAGCTACAACGA TCAAACCA   32797   1222   9808   UGGAACCU G CUGCCAAU   12416   ATTGGCAG GGCTAGCTACAACGA AGGTTCCA   32797   1222   9808   UGGAACCU G CUGCCAAU   12416   ATTGGCAG GGCTAGCTACAACGA AGGTTCCA   32798   1242   9788   ACCAUCCA G UUGACGGU   12418   ACCGTCAA GGCTAGCTACAACGA AGGTTCCA   32799   1242   9788   ACCAUCCA G UUGACGGU   12419   AGTGGAAA GGCTAGCTACAACGA AGGATGT   32801   1245   9765   UCUUGGAU G UCUUUGCG   12420   CGCAAAGA GGCTAGCTACAACGA AGAGAGTT   32801   1245   9765   UCUUGGAU G UCUUUGCG   12420   CGCAAAGA GGCTAGCTACAACGA ATGCAAGA   32802   1271   9759   AUGUCUU G CGAACCUU   12421   AAGGTTCG GGCTAGCTACAACGA ATCCAAGA   32802   1271   9759   AUGUCUU G CGAACCUU   12421   AAGGTTCG GGCTAGCTACAACGA ATCCAACGA   32803   1247   9743   UUGACGAU G UCUUGAGG   12420   CGCAAAGA GGCTAGCTACAACGA ATCCAACGA   ATCCAAGA   12803   12803   12804   12804   12804   12804   12804   12804   12804   12804   12804   12804   12804   12804   12804   12804   12804   12804   12804   12804   12804   12804   12804   12804   12804   12804   12804   12804   12804   12804   12804   12804   12804   12804   12804   12804   12804   12804   12804   12804   12804   12804   12804   12804   12804   12804   12804						
1122   9908	1					<del> </del>
1127   9903	<b></b>					
1144   9886	·					
1151   9879	$\longrightarrow$			<del></del>		
1165         9865         AACCACCA G UGUUCUUC         12411         GAAGAACA GGCTACTACAACGA TGGTGGTT         32793           1167         9863         CCACCAGU G UUCUUCCA         12412         TGGAAGAA GGCTAGCTACAACGA ACTGGTGG         32794           1194         9836         UCAAUUCA G UGAAAUGG         12413         CCATTTCA GGCTACAACGA TGAATTGA         32795           1202         9828         GUGAAAUG G UUGAGCA         12414         TGCTCAAA GGCTACCAACGA CATTTCAC         32796           1208         9822         UGGUUGA G CAAAUGG         12415         CCATTTTG GGCTAGCTACAACGA TCAAACCA         32797           1222         9808         UGGAACCU G CUGCCAAU         12416         ATTGGCAG GGCTAGCTACAACGA AGGATGCA         32798           1225         9805         AACCUGCU G CCAAUCAU         12417         ATGATTGG GGCTAGCTACAACGA AGCAGTT         32800           12429         9781         AGUUGACG G UUGCCAU         12418         ACCGTCAA GGCTAGCTACAACGA TGGATGT         32801           1245         9765         UCUUGGAU G UCUUUGCG         12420         CGCAAAGA GGCTAGCTACAACGA ATCCAAGA         32802           1271         9759         AUGUCUU G CGAACCUU         12421         AAGGTTCG GGCTAGCTACAACGA TTCCACAA         32803           12867         9743         UUGACAU G CAUGAGG	<del></del>			——————————————————————————————————————		
1167         9863         CCACCAGU G UUCUUCCA         12412         TGGAAGAA GGCTAGCTACAACGA ACTGGTGG         32794           1194         9836         UCAAUUCA G UGAAAUGG         12413         CCATTTCA GGCTAGCTACAACGA TGAATTGA         32795           1202         9828         GUGAAAUG G UUUGAGCA         12414         TGCTCAAA GGCTAGCTACAACGA CATTTCAC         32796           1208         9822         UGGUUUGA G CAAAAUGG         12415         CCATTTTG GGCTAGCTACAACGA AGGTTCCA         32797           1222         9808         UGGAACCU G CUGCCAAU         12416         ATTGGCAG GGCTAGCTACAACGA AGGTTCCA         32798           1225         9805         AACCUGCU G CCAAUCAU         12417         ATGATTGG GGCTAGCTACAACGA AGCAGGTT         32800           1242         9788         ACCAUCCA G UUGACGGU         12418         ACCGTCAA GGCTACAACGA TGGATGGT         32801           12429         9781         AGUUGACG G UUUCCACU         12419         AGTGGAAA GGCTACAACGA CGTCAACT         32801           1265         9765         UCUUGGAU G UCUUUGCG         12420         CGCAAAGA GGCTAGCTACAACGA ATCCAAGA         32802           1271         9759         AUGUCUUU G CGAACCUU         12421         AAGGTTCG GGCTAGCTACAACGA ATCCTCAA         32803           12867         9743         UUGACGAG G UGGA	<del></del>					
1194   9836			<del></del>			
1202   9828	1					
1208         9822         UGGUUUGA G CAAAAUGG         12415         CCATTTTG GGCTAGCTACAACGA TCAAACCA         32797           1222         9808         UGGAACCU G CUGCCAAU         12416         ATTGGCAG GGCTAGCTACAACGA AGGTTCCA         32798           1225         9805         AACCUGCU G CCAAUCAU         12417         ATGATTGG GGCTAGCTACAACGA AGCAGGTT         32799           1242         9788         ACCAUCCA G UUGACGGU         12418         ACCGTCAA GGCTAGCTACAACGA TGGATGGT         32800           1249         9781         AGUUGACG G UUUCCACU         12419         AGTGGAAA GGCTAGCTACAACGA TGCAACCA         32801           1265         9765         UCUUGGAU G UCUUUGCG         12420         CGCAAAGA GGCTAGCTACAACGA ACCAACGA ACCAACGA         32802           1271         9759         AUGUCUUU G CGAACCUU         12421         AAGGTTCG GGCTAGCTACAACGA ACCAACGA         32803           1287         9743         UUGACAUA G CAUUGAGG         12422         CCTCAATG GGCTAGCTACAACGA TCCTCCAA         32804           1298         9732         UUGAGGAA G UGGAGCGA         12423         TCGCTCCA GGCTAGCTACAACGA TCCACTTC         32806           1308         9727         GAAGUGGA G UGGCAAAG         12424         CCACCTCG GGCTAGCTACAACGA CTCGCTCC         32807           1311         9719					·	
1222         9808         UGGAACCU G CUGCCAAU         12416         ATTGGCAG GGCTAGCTACAACGA AGGTTCCA         32798           1225         9805         AACCUGCU G CCAAUCAU         12417         ATGATTGG GGCTAGCTACAACGA AGCAGGTT         32799           1242         9788         ACCAUCCA G UUGACGGU         12418         ACCGTCAA GGCTAGCTACAACGA TGGATGGT         32800           1249         9781         AGUUGACG G UUUCCACU         12419         AGTGGAAA GGCTAGCTACAACGA CGTCAACT         32801           1265         9765         UCUUGGAU G UCUUUGCG         12420         CGCAAAGA GGCTAGCTACAACGA ATCCAAGA         32802           1271         9759         AUGUCUUU G CGAACCUU         12421         AAGGTTCG GGCTAGCTACAACGA AAAGACAT         32803           1287         9743         UUGACAUA G CAUUGAGG         12422         CCTCAATG GGCTAGCTACAACGA TATGTCAA         32804           1298         9732         UUGAGGAA G UGGAGCGA         12423         TCGCTCCA GGCTAGCTACAACGA TCCACTTC         32805           1303         9727         GAAGUGGA G CGAGGUGG         12424         CCACCTCG GGCTAGCTACAACGA CTCGCTC         32806           1311         9719         GCGAGGUG G CAAAGCGA         12425         CTTTGCCA GGCTAGCTACAACGA CACCTCGC         32808           1316         9714         GUGGCAAA </td <td><del></del></td> <td></td> <td></td> <td></td> <td></td> <td></td>	<del></del>					
1225         9805         AACCUGCU G CCAAUCAU         12417         ATGATTGG GGCTAGCTACAACGA AGCAGGTT         32799           1242         9788         ACCAUCCA G UUGACGGU         12418         ACCGTCAA GGCTAGCTACAACGA TGGATGGT         32800           1249         9781         AGUUGACG G UUUCCACU         12419         AGTGGAAA GGCTAGCTACAACGA CGTCAACT         32801           1265         9765         UCUUGGAU G UCUUUGCG         12420         CGCAAAGA GGCTAGCTACAACGA ATCCAAGA         32802           1271         9759         AUGUCUUU G CGAACCUU         12421         AAGGTTCG GGCTAGCTACAACGA ATGCAACA         32803           1287         9743         UUGACAUA G CAUUGAGG         12422         CCTCAATG GGCTAGCTACAACGA TATGTCAA         32804           1298         9732         UUGAGGAA G UGGAGCGA         12423         TCGCTCCA GGCTAGCTACAACGA TCCACTTC         32805           1303         9727         GAAGUGGA G CGAGGGG         12424         CCACCTCG GGCTAGCTACAACGA CTCGCTCC         32806           1311         9719         GCGAGGG G UGGCAAAG         12425         CTTTGCCA GGCTAGCTACAACGA CACCTCGC         32808           1316         9714         GUGGCAAA G CGAUCGUC         12427         GACGATCG GGCTAGCTACAACGA CACCTCGC         32810           1330         9700         GUCCAGGG G	<del></del>	<del></del>				
1242         9788         ACCAUCCA G UUGACGGU         12418         ACCGTCAA GGCTAGCTACAACGA TGGATGGT         32800           1249         9781         AGUUGACG G UUUCCACU         12419         AGTGGAAA GGCTAGCTACAACGA CGTCAACT         32801           1265         9765         UCUUGGAU G UCUUUGCG         12420         CGCAAAGA GGCTAGCTACAACGA ATCCAAGA         32802           1271         9759         AUGUCUUU G CGAACCUU         12421         AAGGTTCG GGCTAGCTACAACGA AAAGACAT         32803           1287         9743         UUGACAUA G CAUUGAGG         12422         CCTCAATG GGCTAGCTACAACGA TATGTCAA         32804           1298         9732         UUGAGGAA G UGGAGCGA         12423         TCGCTCCA GGCTAGCTACAACGA TCCACTTC         32805           1303         9727         GAAGUGGA G CGAGGUGG         12424         CCACCTCG GGCTAGCTACAACGA TCCACTTC         32806           1308         9722         GGAGCGAG G UGGCAAAG         12425         CTTTGCCA GGCTAGCTACAACGA CACCTCCC         32807           1311         9719         GCGAGGUG G CAAAGCGA         12426         TCGCTTTG GGCTACCACACGA CACCTCGC         32808           1322         9708         AAGCGAUC G UCCAGGGG         12427         GACGATCG GGCTAGCTACAACGA GATCGCTT         32810           1343         9687         ACCACACA G						
1249         9781         AGUUGACG G UUUCCACU         12419         AGTGGAAA GGCTAGCTACAACGA CGTCAACT         32801           1265         9765         UCUUGGAU G UCUUUGCG         12420         CGCAAAGA GGCTAGCTACAACGA ATCCAAGA         32802           1271         9759         AUGUCUUU G CGAACCUU         12421         AAGGTTCG GGCTAGCTACAACGA AAAGACAT         32803           1287         9743         UUGACAUA G CAUUGAGG         12422         CCTCAATG GGCTAGCTACAACGA TATGTCAA         32804           1298         9732         UUGAGGAA G UGGAGCGA         12423         TCGCTCCA GGCTAGCTACAACGA TCCACTTC         32805           1303         9727         GAAGUGGA G CGAGGUGG         12424         CCACCTCG GGCTAGCTACAACGA TCCACTTC         32806           1308         9722         GGAGCGAG G UGGCAAAG         12425         CTTTGCCA GGCTAGCTACAACGA CTCGCTCC         32807           1311         9719         GCGAGGUG G CAAAGCGA         12426         TCGCTTTG GGCTAGCTACAACGA CACCTCGC         32808           1316         9714         GUGGCAAA         CGAUCGUC         12427         GACGATCG GGCTAGCTACAACGA GATCGCTT         32810           1330         9700         GUCCAGGG         12428         CCCCTGGA GGCTAGCTACAACGA CCCTGGAC         32811           1343         9687         ACCAC	$\rightarrow$					
1265         9765         UCUUGGAU G UCUUUGCG         12420         CGCAAAGA GGCTAGCTACAACGA ATCCAAGA         32802           1271         9759         AUGUCUUU G CGAACCUU         12421         AAGGTTCG GGCTAGCTACAACGA AAAGACAT         32803           1287         9743         UUGACAUA G CAUUGAGG         12422         CCTCAATG GGCTAGCTACAACGA TATGTCAA         32804           1298         9732         UUGAGGAA G UGGAGCGA         12423         TCGCTCCA GGCTAGCTACAACGA TTCCTCAA         32805           1303         9727         GAAGUGGA G CGAGGUGG         12424         CCACCTCG GGCTAGCTACAACGA TCCACTTC         32806           1308         9722         GGAGCGAG G UGGCAAAG         12425         CTTTGCCA GGCTAGCTACAACGA CTCGCTCC         32807           1311         9719         GCGAGGUG G CAAAGCGA         12426         TCGCTTTG GGCTAGCTACAACGA CACCTCGC         32808           1316         9714         GUGGCAAA G CGAUCGUC         12427         GACGATCG GGCTAGCTACAACGA TTTGCCAC         32809           1322         9708         AAGCGAUC G UCCAGGGG         12428         CCCCTGGA GGCTAGCTACAACGA GATCGCTT         32810           1330         9700         GUCCAGGG G CUUUACCA         12429         TGGTAAAG GGCTACCTACAACGA TCTGGGT         32811           1343         9687         ACCACACA G			<del></del>			
1271 9759 AUGUCUUU G CGAACCUU 12421 AAGGTTCG GGCTAGCTACAACGA AAAGACAT 32803 1287 9743 UUGACAUA G CAUUGAGG 12422 CCTCAATG GGCTAGCTACAACGA TATGTCAA 32804 1298 9732 UUGAGGAA G UGGAGCGA 12423 TCGCTCCA GGCTAGCTACAACGA TCCTCAA 32805 1303 9727 GAAGUGGA G CGAGGUGG 12424 CCACCTCG GGCTAGCTACAACGA TCCACTTC 32806 1308 9722 GGAGCGAG G UGGCAAAG 12425 CTTTGCCA GGCTAGCTACAACGA CTCGCTCC 32807 1311 9719 GCGAGGUG G CAAAGCGA 12426 TCGCTTTG GGCTAGCTACAACGA CACCTCGC 32808 1316 9714 GUGGCAAA G CGAUCGUC 12427 GACGATCG GGCTAGCTACAACGA TTTGCCAC 32809 1322 9708 AAGCGAUC G UCCAGGGG 12428 CCCCTGGA GGCTAGCTACAACGA GATCGCTT 32810 1330 9700 GUCCAGGG G CUUUACCA 12429 TGGTAAAG GGCTAGCTACAACGA CCCTGGAC 32811 1343 9687 ACCACACA G UCAUCUCC 12430 GGAGATGA GGCTAGCTACAACGA TGTGTGGT 32812 1359 9671 CACUGACA G CCAUGCGG 12431 CCGCATGG GGCTAGCTACAACGA TGTGTGGT 32813	J					
1287 9743 UUGACAUA G CAUUGAGG 12422 CCTCAATG GGCTAGCTACAACGA TATGTCAA 32804 1298 9732 UUGAGGAA G UGGAGCGA 12423 TCGCTCCA GGCTAGCTACAACGA TTCCTCAA 32805 1303 9727 GAAGUGGA G CGAGGUGG 12424 CCACCTCG GGCTAGCTACAACGA TCCACTTC 32806 1308 9722 GGAGCGAG G UGGCAAAG 12425 CTTTGCCA GGCTAGCTACAACGA CTCGCTCC 32807 1311 9719 GCGAGGUG G CAAAGCGA 12426 TCGCTTTG GGCTAGCTACAACGA CACCTCGC 32808 1316 9714 GUGGCAAA G CGAUCGUC 12427 GACGATCG GGCTAGCTACAACGA TTTGCCAC 32809 1322 9708 AAGCGAUC G UCCAGGGG 12428 CCCCTGGA GGCTAGCTACAACGA GATCGCTT 32810 1330 9700 GUCCAGGG G CUUUACCA 12429 TGGTAAAG GGCTAGCTACAACGA CCCTGGAC 32811 1343 9687 ACCACACA G UCAUCUCC 12430 GGAGATGA GGCTAGCTACAACGA TGTGTGGT 32812 1359 9671 CACUGACA G CCAUGCGG 12431 CCGCATGG GGCTAGCTACAACGA TGTGTGGT 32813				<del></del>		
1298 9732 UUGAGGAA G UGGAGCGA 12423 TCGCTCCA GGCTAGCTACAACGA TTCCTCAA 32805 1303 9727 GAAGUGGA G CGAGGUGG 12424 CCACCTCG GGCTAGCTACAACGA TCCACTTC 32806 1308 9722 GGAGCGAG G UGGCAAAG 12425 CTTTGCCA GGCTAGCTACAACGA CTCGCTCC 32807 1311 9719 GCGAGGUG G CAAAGCGA 12426 TCGCTTTG GGCTAGCTACAACGA CACCTCGC 32808 1316 9714 GUGGCAAA G CGAUCGUC 12427 GACGATCG GGCTAGCTACAACGA TTTGCCAC 32809 1322 9708 AAGCGAUC G UCCAGGGG 12428 CCCCTGGA GGCTAGCTACAACGA GATCGCTT 32810 1330 9700 GUCCAGGG G CUUUACCA 12429 TGGTAAAG GGCTAGCTACAACGA CCCTGGAC 32811 1343 9687 ACCACACA G UCAUCUCC 12430 GGAGATGA GGCTAGCTACAACGA TGTGTGGT 32812 1359 9671 CACUGACA G CCAUGCGG 12431 CCGCATGG GGCTAGCTACAACGA TGTCAGTG 32813	I					
1303 9727 GAAGUGGA G CGAGGUGG 12424 CCACCTCG GGCTAGCTACAACGA TCCACTTC 32806 1308 9722 GGAGCGAG G UGGCAAAG 12425 CTTTGCCA GGCTAGCTACAACGA CTCGCTCC 32807 1311 9719 GCGAGGUG G CAAAGCGA 12426 TCGCTTTG GGCTAGCTACAACGA CACCTCGC 32808 1316 9714 GUGGCAAA G CGAUCGUC 12427 GACGATCG GGCTAGCTACAACGA TTTGCCAC 32809 1322 9708 AAGCGAUC G UCCAGGGG 12428 CCCCTGGA GGCTAGCTACAACGA GATCGCTT 32810 1330 9700 GUCCAGGG G CUUUACCA 12429 TGGTAAAG GGCTAGCTACAACGA CCCTGGAC 32811 1343 9687 ACCACACA G UCAUCUCC 12430 GGAGATGA GGCTAGCTACAACGA TGTGTGGT 32812 1359 9671 CACUGACA G CCAUGCGG 12431 CCGCATGG GGCTAGCTACAACGA TGTGTGGT 32813	$\leftarrow$		<del></del>			
1308 9722 GGAGCGAG G UGGCAAAG 12425 CTTTGCCA GGCTAGCTACAACGA CTCGCTCC 32807 1311 9719 GCGAGGUG G CAAAGCGA 12426 TCGCTTTG GGCTAGCTACAACGA CACCTCGC 32808 1316 9714 GUGGCAAA G CGAUCGUC 12427 GACGATCG GGCTAGCTACAACGA TTTGCCAC 32809 1322 9708 AAGCGAUC G UCCAGGGG 12428 CCCCTGGA GGCTAGCTACAACGA GATCGCTT 32810 1330 9700 GUCCAGGG G CUUUACCA 12429 TGGTAAAG GGCTAGCTACAACGA CCCTGGAC 32811 1343 9687 ACCACACA G UCAUCUCC 12430 GGAGATGA GGCTAGCTACAACGA TGTGTGGT 32812 1359 9671 CACUGACA G CCAUGCGG 12431 CCGCATGG GGCTAGCTACAACGA TGTCAGTG 32813	ļ					
1311 9719 GCGAGGUG G CAAAGCGA 12426 TCGCTTTG GGCTAGCTACAACGA CACCTCGC 32808 1316 9714 GUGGCAAA G CGAUCGUC 12427 GACGATCG GGCTAGCTACAACGA TTTGCCAC 32809 1322 9708 AAGCGAUC G UCCAGGGG 12428 CCCCTGGA GGCTAGCTACAACGA GATCGCTT 32810 1330 9700 GUCCAGGG G CUUUACCA 12429 TGGTAAAG GGCTAGCTACAACGA CCCTGGAC 32811 1343 9687 ACCACACA G UCAUCUCC 12430 GGAGATGA GGCTAGCTACAACGA TGTGTGGT 32812 1359 9671 CACUGACA G CCAUGCGG 12431 CCGCATGG GGCTAGCTACAACGA TGTCAGTG 32813						
1316 9714 GUGGCAAA G CGAUCGUC 12427 GACGATCG GGCTAGCTACAACGA TTTGCCAC 32809 1322 9708 AAGCGAUC G UCCAGGGG 12428 CCCCTGGA GGCTAGCTACAACGA GATCGCTT 32810 1330 9700 GUCCAGGG G CUUUACCA 12429 TGGTAAAG GGCTAGCTACAACGA CCCTGGAC 32811 1343 9687 ACCACACA G UCAUCUCC 12430 GGAGATGA GGCTAGCTACAACGA TGTGTGGT 32812 1359 9671 CACUGACA G CCAUGCGG 12431 CCGCATGG GGCTAGCTACAACGA TGTCAGTG 32813						
1322 9708 AAGCGAUC G UCCAGGGG 12428 CCCCTGGA GGCTAGCTACAACGA GATCGCTT 32810 1330 9700 GUCCAGGG G CUUUACCA 12429 TGGTAAAG GGCTAGCTACAACGA CCCTGGAC 32811 1343 9687 ACCACACA G UCAUCUCC 12430 GGAGATGA GGCTAGCTACAACGA TGTGTGGT 32812 1359 9671 CACUGACA G CCAUGCGG 12431 CCGCATGG GGCTAGCTACAACGA TGTCAGTG 32813	-				· · · · · · · · · · · · · · · · · · ·	
13309700GUCCAGGG G CUUUACCA12429TGGTAAAG GGCTAGCTACAACGA CCCTGGAC3281113439687ACCACACA G UCAUCUCC12430GGAGATGA GGCTAGCTACAACGA TGTGTGGT3281213599671CACUGACA G CCAUGCGG12431CCGCATGG GGCTAGCTACAACGA TGTCAGTG32813	-					32809
1343 9687 ACCACACA G UCAUCUCC 12430 GGAGATGA GGCTAGCTACAACGA TGTGTGGT 32812 1359 9671 CACUGACA G CCAUGCGG 12431 CCGCATGG GGCTAGCTACAACGA TGTCAGTG 32813						32810
1359 9671 CACUGACA G CCAUGCGG 12431 CCGCATGG GGCTAGCTACAACGA TGTCAGTG 32813	<del></del>				·	32811
						32812
1354   9565   ACAGCCAU G CGGCUGAG   12432   CTCAGCCG GGCTAGCTACAACGA ATGGCTGT   32814	<del></del>					32813
	1364	9666	ACAGCCAU G CGGCUGAG	12432	CTCAGCCG GGCTAGCTACAACGA ATGGCTGT	32814

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1367	9663	GCCAUGCG G CUGAGUCU	12433	AGACTCAG GGCTAGCTACAACGA CGCATGGC	32815
1372	9658	GCGGCUGA G UCUUUCUU	12434	AAGAAAGA GGCTAGCTACAACGA TCAGCCGC	32816
1396	9634	CUCAAACA G CCAGGUCC	12435	GGACCTGG GGCTAGCTACAACGA TGTTTGAG	32817
1401	9629	ACAGCCAG G UCCUGACU	12436	AGTCAGGA GGCTAGCTACAACGA CTGGCTGT	32818
1414	9616	GACUUUGG G UCCUUUCC	12437	GGAAAGGA GGCTAGCTACAACGA CCAAAGTC	32819
1428	9602	UCCCUUUU G UGAGUUUC	12438	GAAACTCA GGCTAGCTACAACGA AAAAGGGA	32820
1432	9598	UUUUGUGA G UUUCUCCA	12439	TGGAGAAA GGCTAGCTACAACGA TCACAAAA	32821
1451	9579	UCAUCUGG G CCAAUCAC	12440	GTGATTGG GGCTAGCTACAACGA CCAGATGA	32822
1486	9544	CCUCACCA G CUGGACGG	12441	CCGTCCAG GGCTAGCTACAACGA TGGTGAGG	32823
		GCUGGACG G CCAGGUUG		CAACCTGG GGCTAGCTACAACGA CGTCCAGC	
1494	9536		12442		32824
1499	9531	ACGGCCAG G UUGGUGAA	12443	TTCACCAA GGCTAGCTACAACGA CTGGCCGT	32825
1503	9527	CCAGGUUG G UGAAAGUG	12444	CACTTCA GGCTAGCTACAACGA CAACCTGG	32826
1509	9521	UGGUGAAA G UGUUUAGG	12445	CCTAAACA GGCTAGCTACAACGA TTTCACCA	32827
1511	9519	GUGAAAGU G UUUAGGGC	12446	GCCCTAAA GGCTAGCTACAACGA ACTTTCAC	32828
1518	9512	UGUUUAGG G CGUAGGUG	12447	CACCTACG GGCTAGCTACAACGA CCTAAACA	32829
1520	9510	UUUAGGGC G UAGGUGAC	12448	GTCACCTA GGCTAGCTACAACGA GCCCTAAA	32830
1524	9506	GGGCGUAG G UGACAACU	12449	AGTTGTCA GGCTAGCTACAACGA CTACGCCC	32831
1534	9496	GACAACUU G UCCACUCC	12450	GGAGTGGA GGCTAGCTACAACGA AAGTTGTC	32832
1578	9452	CCAUGACG G UUCUUCCA	12451	TGGAAGAA GGCTAGCTACAACGA CGTCATGG	32833
1590	9440	UUCCAUCA G CAGCCGGG	12452	CCCGGCTG GGCTAGCTACAACGA TGATGGAA	32834
1593	9437	CAUCAGCA G CCGGGCGC	12453	GCGCCCGG GGCTAGCTACAACGA TGCTGATG	32835
1598	9432	GCAGCCGG G CGCAUCAC	12454	GTGATGCG GGCTAGCTACAACGA CCGGCTGC	32836
		AGCCGGC G CAUCACUU		AAGTGATG GGCTAGCTACAACGA GCCCGGCT	
1600	9430		12455		32837
1619	9411	ACAACUUU G UGACGAUA	12456	TATCGTCA GGCTAGCTACAACGA AAAGTTGT	32838
1629	9401	GACGAUAG G UGAGCUCA	12457	TGAGCTCA GGCTAGCTACAACGA CTATCGTC	32839
1633	9397	AUAGGUGA G CUCAAUGA	12458	TCATTGAG GGCTAGCTACAACGA TCACCTAT	32840
1644	9386	CAAUGAUG G CCCUGGCA	12459	TGCCAGGG GGCTAGCTACAACGA CATCATTG	32841
1650	9380	UGGCCCUG G CAAGACGC	12460	GCGTCTTG GGCTAGCTACAACGA CAGGGCCA	32842
1657	9373	GGCAAGAC G CCGAUGUU	12461	AACATCGG GGCTAGCTACAACGA GTCTTGCC	32843
1663	9367	ACGCCGAU G UUCCCCAU	12462	ATGGGGAA GGCTAGCTACAACGA ATCGGCGT	32844
1675	9355	CCCAUCAA G CAGCUCAA	12463	TTGAGCTG GGCTAGCTACAACGA TTGATGGG	32845
1678	9352	AUCAAGCA G CUCAAGCA	12464	TGCTTGAG GGCTAGCTACAACGA TGCTTGAT	32846
1684	9346	CAGCUCAA G CACCUUAG	12465	CTAAGGTG GGCTAGCTACAACGA TTGAGCTG	32847
1692	9338	GCACCUUA G CUUCAUUU	12466	AAATGAAG GGCTAGCTACAACGA TAAGGTGC	32848
1706	9324	UUUUCCAA G UCAGCUCU	12467	AGAGCTGA GGCTAGCTACAACGA TTGGAAAA	32849
1710	9320	CCAAGUCA G CUCUCGUG	12468	CACGAGAG GGCTAGCTACAACGA TGACTTGG	32850
1716	9314	CAGCUCUC G UGAUGCGG	12469	CCGCATCA GGCTAGCTACAACGA GAGAGCTG	32851
1721	9309	CUCGUGAU G CGGGUGUC	12470	GACACCCG GGCTAGCTACAACGA ATCACGAG	32852
1725	9305	UGAUGCGG G UGUCCCAG	12471	CTGGGACA GGCTAGCTACAACGA CCGCATCA	32853
1727	9303	AUGCGGGU G UCCCAGCC	12472	GGCTGGGA GGCTAGCTACAACGA ACCCGCAT	
1733	9297	GUGUCCCA G CCAGCUGU	12473	ACAGCTGG GGCTAGCTACAACGA TGGGACAC	32854
					32855
1737	9293	CCCAGCCA G CUGUGUCA	12474	TGACACAG GGCTAGCTACAACGA TGGCTGGG	32856
1740	9290	AGCCAGCU G UGUCAUCA	12475	TGATGACA GGCTAGCTACAACGA AGCTGGCT	32857
1742	9288	CCAGCUGU G UCAUCAGC	12476	GCTGATGA GGCTAGCTACAACGA ACAGCTGG	32858
1749	9281	UGUCAUCA G CAUAGAUC	12477	GATCTATG GGCTAGCTACAACGA TGATGACA	32859
1760	9270	UAGAUCUU G CCCCCAGG	12478	CCTGGGGG GGCTAGCTACAACGA AAGATCTA	32860
1768	9262	GCCCCCAG G CCGGGUGC	12479	GCACCCGG GGCTAGCTACAACGA CTGGGGGC	32861
1773	9257	CAGGCCGG G UGCCAACU	12480	AGTTGGCA GGCTAGCTACAACGA CCGGCCTG	32862
1775	9255	GGCCGGGU G CCAACUUC	12481	GAAGTTGG GGCTAGCTACAACGA ACCCGGCC	32863
1786	9244	AACUUCAC G CAGGAUGU	12482	ACATCCTG GGCTAGCTACAACGA GTGAAGTT	32864
1793	9237	CGCAGGAU G UAACCCAG	12483	CTGGGTTA GGCTAGCTACAACGA ATCCTGCG	32865
1801	9229	GUAACCCA G UUUUUGGA	12484	TCCAAAAA GGCTAGCTACAACGA TGGGTTAC	32866
1811	9219	UUUUGGAG G CCCAAGCC	12485	GGCTTGGG GGCTAGCTACAACGA CTCCAAAA	32867
1817	9213	AGGCCCAA G CCCUCGAC	12486	GTCGAGGG GGCTAGCTACAACGA TTGGGCCT	32868
1838	9192	CCUCCUGA G UUCUUUCU	12487	AGAAAGAA GGCTAGCTACAACGA TCAGGAGG	32869
1852	9178	UCUUCCAA G CCAGUGGU	12488	ACCACTGG GGCTAGCTACAACGA TTGGAAGA	
1856	9174	CCAAGCCA G UGGUCUUC	<del> </del>		32870
			12489	GAAGACCA GGCTAGCTACAACGA TGGCTTGG	32871
1859	9171	AGCCAGUG G UCUUCAUU	12490	AATGAAGA GGCTAGCTACAACGA CACTGGCT	32872
1881	9149	AACCCAGA G CCUCGAAC	12491	GTTCGAGG GGCTAGCTACAACGA TCTGGGTT	32873
1898	9132	UCCAGAAA G CGAGCUCC	12492	GGAGCTCG GGCTAGCTACAACGA TTTCTGGA	32874
1902	9128	GAAAGCGA G CUCCGAGC	12493	GCTCGGAG GGCTAGCTACAACGA TCGCTTTC	32875
1909	9121	AGCUCCGA G CCACAUGA	12494	TCATGTGG GGCTAGCTACAACGA TCGGAGCT	32876
1926	9104	ACCAAAUG G CUCUGCUU	12495	AAGCAGAG GGCTAGCTACAACGA CATTTGGT	32877
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1931	9099	AUGGCUCU G CUUCCCUU	12496	AAGGGAAG GGCTAGCTACAACGA AGAGCCAT	32878
1941	9089	DUCCCUUG G CCUUUCCG	12497	CGGAAAGG GGCTAGCTACAACGA CAAGGGAA	32879
1960	9070	CUCUCCGG G UUUUUUCU	12498	AGAAAAA GGCTAGCTACAACGA CCGGAGAG	32880
1985	9045	CCCAUCAU G UUGUAAAU	12499	ATTTACAA GGCTAGCTACAACGA ATGATGGG	32881
1988	9042	AUCAUGUU G UAAAUGCA	12500	TGCATTTA GGCTAGCTACAACGA AACATGAT	32882
1994	9036	UUGUAAAU G CAAGUGUG	12501	CACACTTG GGCTAGCTACAACGA ATTTACAA	32883
1998	9032	AAAUGCAA G UGUGACAU	12502	ATGTCACA GGCTAGCTACAACGA TTGCATTT	32884
2000	9030	AUGCAAGU G UGACAUUC	12503	GAATGTCA GGCTAGCTACAACGA ACTTGCAT	32885
2014	9016	UUCCCCCC G CAGAUGUG	12504	CACATCTG GGCTAGCTACAACGA GGGGGGAA	32886
2020	9010	CCGCAGAU G UGCCUCGC	12505	GCGAGGCA GGCTAGCTACAACGA ATCTGCGG	32887
2022	9008	GCAGAUGU G CCUCGCGC	12506	GCGCGAGG GGCTAGCTACAACGA ACATCTGC	32888
2027	9003	UGUGCCUC G CGCUCCUC	12507	GAGGAGCG GGCTAGCTACAACGA GAGGCACA	32889
2029	9001	UGCCUCGC G CUCCUCAU	12508	ATGAGGAG GGCTAGCTACAACGA GCGAGGCA	
2070	8960	CUUCAACU G CUUCUCUG	12509	CAGAGAAG GGCTAGCTACAACGA GCGAGGCA	32890
2079	8951	CUUCUCUG G CGCUCCUC	ļ		32891
			12510	GAGGAGCG GGCTAGCTACAACGA CAGAGAAG	32892
2081	8949	UCUCUGGC G CUCCUCCA	12511	TGGAGGAG GCCTAGCTACAACGA GCCAGAGA	32893
2098	8932	UUGAUUCU G CUCUUCAA	12512	TTGAAGAG GGCTAGCTACAACGA AGAATCAA	32894
2112	8918	CAAACAUG G CACCCAAA	12513	TTTGGGTG GGCTAGCTACAACGA CATGTTTG	32895
2121	8909	CACCCAAA G CUGCAUUG	12514	CAATGCAG GGCTAGCTACAACGA TTTGGGTG	32896
2124	8906	CCAAAGCU G CAUUGCUG	12515	CAGCAATG GGCTAGCTACAACGA AGCTTTGG	32897
2129	8901	GCUGCAUU G CUGUUGAC	12516	GTCAACAG GGCTAGCTACAACGA AATGCAGC	32898
2132	8898	GCAUUGCU G UUGACCUU	12517	AAGGTCAA GGCTAGCTACAACGA AGCAATGC	32899
2162	8868	UCUCGAGA G CACAUUCU	12518	AGAATGTG GGCTAGCTACAACGA TCTCGAGA	32900
2176	8854	UCUGGGAC G UUUUUCUC	12519	GAGAAAAA GGCTAGCTACAACGA GTCCCAGA	32901
2187	8843	UUUCUCUG G CCAAAAAC	12520	GTTTTTGG GGCTAGCTACAACGA CAGAGAAA	32902
2196	8834	CCAAAAAC G CCCACAAC	12521	GTTGTGGG GGCTAGCTACAACGA GTTTTTGG	32903
2207	8823	CACAACCA G UUGGUGGU	12522	ACCACCAA GGCTAGCTACAACGA TGGTTGTG	32904
2211	8819	ACCAGUUG G UGGUCUCA	12523	TGAGACCA GGCTAGCTACAACGA CAACTGGT	32905
2214	8816	AGUUGGUG G UCUCAUUG	12524	CAATGAGA GGCTAGCTACAACGA CACCAACT	32906
2224	8806	CUCAUUGA G CACGUACU	12525	AGTACGTG GGCTAGCTACAACGA TCAATGAG	32907
2228	8802	UUGAGCAC G UACUUCAC	12526	GTGAAGTA GGCTAGCTACAACGA GTGCTCAA	32908
2245	8785	UCCUUCUG G CGGUUCAG	12527	CTGAACCG GGCTAGCTACAACGA CAGAAGGA	32909
2248	8782	UUCUGGCG G UUCAGGAG	12528	CTCCTGAA GGCTAGCTACAACGA CGCCAGAA	32910
2256	8774	GUUCAGGA G CUUUCGUG	12529	CACGAAAG GGCTAGCTACAACGA TCCTGAAC	32911
2262	8768	GAGCUUUC G UGUCCACC	12530	GGTGGACA GGCTAGCTACAACGA GAAAGCTC	32912
2264	8766	GCUUUCGU G UCCACCUU	12531	AAGGTGGA GGCTAGCTACAACGA ACGAAAGC	32913
2287	8743	GAACACUC G CUGCUGCC	12532	GGCAGCAG GGCTAGCTACAACGA GAGTGTTC	32914
2290	8740	CACUCGCU G CUGCCCGA	12533	TCGGGCAG GGCTAGCTACAACGA AGCGAGTG	32915
2293	8737	UCGCUGCU G CCCGAAGG	12534	CCTTCGGG GGCTAGCTACAACGA AGCAGCGA	
2304	8726	CGAAGGGA G UAGUGUCA	12535	TGACACTA GGCTAGCTACAACGA TCCCTTCG	32916
2307	8723	AGGGAGUA G UGUCAGUC	12536	GACTGACA GGCTAGCTACAACGA TACTCCCT	32917
2307	8721	GGAGUAGU G UCAGUCAU			32918
			12537	ATGACTGA GGCTAGCTACAACGA ACTACTCC	32919
2313	8717	UAGUGUCA G UCAUGGCC	12538		32920
2319	8711	CAGUCAUG G CCAUGGUG	12539		32921
2325	8705	UGGCCAUG G UGGUAACA	12540	TGTTACCA GGCTAGCTACAACGA CATGGCCA	32922
2328	8702	CCAUGGUG G UAACAUUC	12541	GAATGTTA GGCTAGCTACAACGA CACCATGG	32923
2337	8693	UAACAUUC G UGAUGGUG	12542	CACCATCA GGCTAGCTACAACGA GAATGTTA	32924
2343	8687	UCGUGAUG G UGUCCCAU	12543	ATGGGACA GGCTAGCTACAACGA CATCACGA	32925
2345	8685	GUGAUGGU G UCCCAUGG	12544	CCATGGGA GGCTAGCTACAACGA ACCATCAC	32926
2353	8677	GUCCCAUG G UUUUGAGA	12545	TCTCAAAA GGCTAGCTACAACGA CATGGGAC	32927
2365	8665	UGAGAGGA G CCUGACCA	12546	TGGTCAGG GGCTAGCTACAACGA TCCTCTCA	32928
2386	8644	AUUGACCA G CGAACUGG	12547	CCAGTTCG GGCTAGCTACAACGA TGGTCAAT	32929
2394	8636	GCGAACUG G CGGAGCCU	12548	AGGCTCCG GGCTAGCTACAACGA CAGTTCGC	32930
2399	8631	CUGGCGGA G CCUGUGGG	12549	CCCACAGG GGCTAGCTACAACGA TCCGCCAG	32931
2403	8627	CGGAGCCU G UGGGCUUC	12550	GAAGCCCA GGCTAGCTACAACGA AGGCTCCG	32932
2407	8623	GCCUGUGG G CUUCACAU	12551	ATGTGAAG GGCTAGCTACAACGA CCACAGGC	32933
2423	8607	UCAUAACU G CCGUGAUA	12552	TATCACGG GGCTAGCTACAACGA AGTTATGA	32934
2426	8604	UAACUGCC G UGAUAGUU	12553	AACTATCA GGCTAGCTACAACGA GGCAGTTA	32935
2432	8598	CCGUGAUA G UUCCAGGU	12554	ACCTGGAA GGCTAGCTACAACGA TATCACGG	32936
2439	8591	AGUUCCAG G UUCUAUAU	12555	ATATAGAA GGCTAGCTACAACGA CTGGAACT	32937
2450	8580	CUAUAUGG G UGGUUCUC	12556	GAGAACCA GGCTAGCTACAACGA CCATATAG	
2453	8577	UAUGGGUG G UUCUCAUC	12557	GATGAGAA GGCTAGCTACAACGA CACCCATA	32938
2462	8568	UUCUCAUC G UGGUGCCA	12558	TGGCACCA GGCTAGCTACAACGA CACCCATA	32939
	المستسمال		12330	TOUCHCUM GGCIMGCIMCHACGA GATGAGAA	32940

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2465	8565	UCAUCGUG G UGCCACGU	12559	ACGTGGCA GGCTAGCTACAACGA CACGATGA	32941
2467	8563	AUCGUGGU G CCACGUCG	12560	CGACGTGG GGCTAGCTACAACGA ACCACGAT	32942
2472	8558	GGUGCCAC G UCGAACUG	12561	CAGTTCGA GGCTAGCTACAACGA GTGGCACC	32943
2480	8550	GUCGAACU G UACUCACG	12562	CGTGAGTA GGCTAGCTACAACGA AGTTCGAC	32944
2488	8542	GUACUCAC G CCUGAGUC	12563	GACTCAGG GGCTAGCTACAACGA GTGAGTAC	32945
2494	8536	ACGCCUGA G UCGUUCAA	12564	TTGAACGA GGCTAGCTACAACGA TCAGGCGT	32946
2497		CCUGAGUC G UUCAAUCC		The second secon	
	8533	<del></del>	12565	GGATTGAA GGCTAGCTACAACGA GACTCAGG	32947
2507	8523	UCAAUCCU G UUCUUGAU	12566	ATCAAGAA GGCTAGCTACAACGA AGGATTGA	32948
2523	8507	UUUUACUG G UGUCUGAG	12567	CTCAGACA GGCTAGCTACAACGA CAGTAAAA	32949
2525	8505	UUACUGGU G UCUGAGUU	12568	AACTCAGA GGCTAGCTACAACGA ACCAGTAA	32950
2531	8499	GUGUCUGA G UUGAGCAG	12569	CTGCTCAA GGCTAGCTACAACGA TCAGACAC	32951
2536	8494	UGAGUUGA G CAGGGGUU	12570	AACCCCTG GGCTAGCTACAACGA TCAACTCA	32952
2542	8488	GAGCAGGG G UUUUCCCA	12571	TGGGAAAA GGCTAGCTACAACGA CCCTGCTC	32953
2553	8477	UUCCCACC G CCCUGGUU	12572	AACCAGGG GGCTAGCTACAACGA GGTGGGAA	32954
2559	8471	CCGCCCUG G UUCCACUU	12573	AAGTGGAA GGCTAGCTACAACGA CAGGGCGG	32955
2573	8457	CUUCCCAA G UUUACAUC	12574	GATGTAAA GGCTAGCTACAACGA TTGGGAAG	32956
2588	8442	UCUUCCUC G UAUUGGGG	12575	CCCCAATA GGCTAGCTACAACGA GAGGAAGA	32957
2596	8434	GUAUUGGG G UCCCUUCC	12576	GGAAGGGA GGCTAGCTACAACGA CCCAATAC	32958
2607	8423	CCUUCCAG G UCCUUUUU	12577	AAAAAGGA GGCTAGCTACAACGA CTGGAAGG	32959
2632	8398	UCCUAGGA G CACCUGGC	12578	GCCAGGTG GGCTAGCTACAACGA TCCTAGGA	32960
2639	8391	AGCACCUG G CUGGUCAU	12579	ATGACCAG GGCTAGCTACAACGA CAGGTGCT	
2643	8387	CCUGGCUG G UCAUAUUC	12579		32961
				GAATATGA GGCTAGCTACAACGA CAGCCAGG	32962
2659	8371	CACUGAAU G UACCACAU	12581	ATGTGGTA GGCTAGCTACAACGA ATTCAGTG	32963
2669	8361	ACCACAUU G CCUGAAGC	12582	GCTTCAGG GGCTAGCTACAACGA AATGTGGT	32964
2676	8354	UGCCUGAA G CUCGACUC	12583	GAGTCGAG GGCTAGCTACAACGA TTCAGGCA	32965
2699	8331	UACAUCUC G UGCGUGGA	12584	TCCACGCA GGCTAGCTACAACGA GAGATGTA	32966
2701	8329	CAUCUCGU G CGUGGAAU	12585	ATTCCACG GGCTAGCTACAACGA ACGAGATG	32967
2703	8327	UCUCGUGC G UGGAAUUC	12586	GAATTCCA GGCTAGCTACAACGA GCACGAGA	32968
2713	8317	GGAAUUCC G UGAGAGUG	12587	CACTCTCA GGCTAGCTACAACGA GGAATTCC	32969
2719	8311	CCGUGAGA G UGGGUUUC	12588	GAAACCCA GGCTAGCTACAACGA TCTCACGG	32970
2723	8307	GAGAGUGG G UUUCUGAC	12589	GTCAGAAA GGCTAGCTACAACGA CCACTCTC	32971
2734	8296	UCUGACCA G UCCCCCC	12590	GGGGGGA GGCTAGCTACAACGA TGGTCAGA	32972
2750	8280	CCAUACCG G CGUUGGAG	12591	CTCCAACG GGCTAGCTACAACGA CGGTATGG	32973
2752	8278	AUACCGGC G UUGGAGCA	12592	TGCTCCAA GGCTAGCTACAACGA GCCGGTAT	32974
2758	8272	GCGUUGGA G CAGCUCCA	12593	TGGAGCTG GGCTAGCTACAACGA TCCAACGC	32975
2761	8269	UUGGAGCA G CUCCAUCU	12594	AGATGGAG GGCTAGCTACAACGA TGCTCCAA	32976
2785	8245	GACUUUCG G CAUGUAGG	12595	CCTACATG GGCTAGCTACAACGA CGAAAGTC	32977
2789	8241	UUCGGCAU G UAGGGGCA	12596	TGCCCCTA GGCTAGCTACAACGA ATGCCGAA	32978
2795	8235	AUGUAGGG G CAGAGCAC	12597	GTGCTCTG GGCTAGCTACAACGA CCCTACAT	32979
2800	8230	GGGGCAGA G CACCUUCA	12598	TGAAGGTG GGCTAGCTACAACGA TCTGCCCC	32980
2810	8220	ACCUUCAC G CAAAAUUC	12599	GAATTTTG GGCTAGCTACAACGA GTGAAGGT	
2824	8206	UUCCCUUG G CCCUCGGU	12600	ACCGAGGG GGCTAGCTACAACGA CAAGGGAA	32981
2831	8199	GGCCCUCG G UGCAGCCA		<del></del>	32982
			12601	TGGCTGCA GGCTAGCTACAACGA CGAGGGCC	32983
2833	8197	CCCUCGGU G CAGCCAGU	12602	ACTGGCTG GGCTAGCTACAACGA ACCGAGGG	32984
2836	8194	UCGGUGCA G CCAGUCCU	12603	AGGACTGG GGCTAGCTACAACGA TGCACCGA	32985
2840	8190	UGCAGCCA G UCCUCAAC	12604	GTTGAGGA GGCTAGCTACAACGA TGGCTGCA	32986
2868	8162	CCCGAAUC G UCCUAUGC	12605	GCATAGGA GGCTAGCTACAACGA GATTCGGG	32987
2875	8155	CGUCCUAU G CUCUUCAA	12606	TTGAAGAG GGCTAGCTACAACGA ATAGGACG	32988
2889	8141	CAACCUCA G CACUUGAC	12607	GTCAAGTG GGCTAGCTACAACGA TGAGGTTG	32989
2912	8118	UCUCCGAU G UCACAAAG	12608	CTTTGTGA GGCTAGCTACAACGA ATCGGAGA	32990
2925	8105	AAAGGAGG G UGUCACAA	12609	TTGTGACA GGCTAGCTACAACGA CCTCCTTT	32991
2927	8103	AGGAGGGU G UCACAACA	12610	TGTTGTGA GGCTAGCTACAACGA ACCCTCCT	32992
2944	8086	CUCAGAAG G UCUGUAGA	12611	TCTACAGA GGCTAGCTACAACGA CTTCTGAG	32993
2948	8082	GAAGGUCU G UAGAACAC	12612	GTGTTCTA GGCTAGCTACAACGA AGACCTTC	32994
2976	8054	UCUUCAUG G UGACAAUG	12613	CATTGTCA GGCTAGCTACAACGA CATGAAGA	32995
2984	8046	GUGACAAU G UUCCAUCC	12614	GGATGGAA GGCTAGCTACAACGA ATTGTCAC	32996
3001	8029	AUAACUUU G CACUAGUU	12615	AACTAGTG GGCTAGCTACAACGA AAAGTTAT	32997
3007	8023	UUGCACUA G UUGGGGCU	12616	AGCCCCAA GGCTAGCTACAACGA TAGTGCAA	32998
3013	8017	UAGUUGGG G CUCUUCAU	12617	ATGAAGAG GGCTAGCTACAACGA CCCAACTA	
3022	8008	CUCUUCAU G UCCGGGAC	12618	GTCCCGGA GGCTAGCTACAACGA ATGAAGAG	32999
3032	7998	CCGGGACC G CCCUUUGU	12619	ACAAAGGG GGCTAGCTACAACGA ATGAAGAG	33000
3039	7991	CGCCCUUU G UGUACCCU	12620		33001
3041	7989	CCCUUUGU G UACCCUCU		AGGGTACA GGCTAGCTACAACGA AAAGGGCG	33002
			12621	AGAGGGTA GGCTAGCTACAACGA ACAAAGGG	33003

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	) UZ/UUUUJ/				
3072	7958	UUUUUUGG G UUGCCAUA	12622	TATGGCAA GGCTAGCTACAACGA CCAAAAAA	33004
3075	7955	UUUGGGUU G CCAUAUAG	12623	CTATATGG GGCTAGCTACAACGA AACCCAAA	33005
3083	7947	GCCAUAUA G UAACACCA	12624	TGGTGTTA GGCTAGCTACAACGA TATATGGC	33006
3095	7935	CACCAACC G CCUCUUCC	12625	GGAAGAGG GGCTAGCTACAACGA GGTTGGTG	33007
3113	7917	CAUCCAAG G UCAAUCAC	12626	GTGATTGA GGCTAGCTACAACGA CTTGGATG	33008
3133	7897	UCCGACCG G UUCGAGAA	12627	TTCTCGAA GGCTAGCTACAACGA CGGTCGGA	33009
3148	7882	AAACCUCC G UUCGACCA	12628	TGGTCGAA GGCTAGCTACAACGA GGAGGTTT	33010
3157	7873	UUCGACCA G CCAUCUCA	12629	TGAGATGG GGCTAGCTACAACGA TGGTCGAA	33011
3166	7864	CCAUCUCA G UUUUGCUG	12630	CAGCAAAA GGCTAGCTACAACGA TGAGATGG	33012
3171	7859	UCAGUUUU G CUGUGCCC	12631	GGGCACAG GGCTAGCTACAACGA AAAACTGA	33013
3174	7856	GUUUUGCU G UGCCCCUA	12632	TAGGGGCA GGCTAGCTACAACGA AGCAAAAC	33014
3176	7854	UUUGCUGU G CCCCUAGA	12633	TCTAGGGG GGCTAGCTACAACGA ACAGCAAA	33015
3193	7837	GACUGGAU G CCCUCCAG	12634	CTGGAGGG GGCTAGCTACAACGA ATCCAGTC	33016
3201	7829	GCCUCCA G UGACAUUG	12635	CAATGTCA GGCTAGCTACAACGA TGGAGGGC	
3209		GUGACAUU G CCUUCUUU			33017
	7821		12636	AAAGAAGG GGCTAGCTACAACGA AATGTCAC	33018
3222	7808	CUUUCCUG G CGUGUUUU	12637	AAAACACG GGCTAGCTACAACGA CAGGAAAG	33019
3224	7806	uncandea a nannande	12638	GCAAAACA GGCTAGCTACAACGA GCCAGGAA	33020
3226	7804	ccneecen e nnnnecce	12639	CGGCAAAA GGCTAGCTACAACGA ACGCCAGG	33021
3231	7799	CGUGUUUU G CCGCUGAG	12640	CTCAGCGG GGCTAGCTACAACGA AAAACACG	33022
3234	7796	GUUUUGCC G CUGAGCGA	12641	TCGCTCAG GGCTAGCTACAACGA GGCAAAAC	33023
3239	7791	GCCGCUGA G CGAUCGAC	12642	GTCGATCG GGCTAGCTACAACGA TCAGCGGC	33024
3258	7772	CGAUGAUG G CCUCUUUG	12643	CAAAGAGG GGCTAGCTACAACGA CATCATCG	33025
3266	7764	GCCUCUUU G CGGUACCU	12644	AGGTACCG GGCTAGCTACAACGA AAAGAGGC	33026
3269	7761	UCUUUGCG G UACCUAGU	12645	ACTAGGTA GGCTAGCTACAACGA CGCAAAGA	33027
3276	7754	GGUACCUA G UGAACUCU	12646	AGAGTTCA GGCTAGCTACAACGA TAGGTACC	33028
3291	7739	CUUCUUUU G UCAUCUGG	12647	CCAGATGA GGCTAGCTACAACGA AAAAGAAG	33029
3299	7731	GUCAUCUG G UUGAGUCU	12648	AGACTCAA GGCTAGCTACAACGA CAGATGAC	33030
3304	7726	CUGGUUGA G UCUUUCUU	12649	AAGAAAGA GGCTAGCTACAACGA TCAACCAG	33031
3330	7700	CUCCCAAG G UGCGUCCU	12650	AGGACGCA GGCTAGCTACAACGA CTTGGGAG	33032
3332	7698	CCCAAGGU G CGUCCUUU	12651	AAAGGACG GGCTAGCTACAACGA ACCTTGGG	33033
3334	7696	CAAGGUGC G UCCUUUUG	12652	CAAAAGGA GGCTAGCTACAACGA GCACCTTG	33034
3342	7688	GUCCUUUU G CCCCACCU	12653	AGGTGGGG GGCTAGCTACAACGA AAAAGGAC	33035
3358	7672	UCUUUUUA G UCCUGGUU	12654	AACCAGGA GGCTAGCTACAACGA TAAAAAGA	33036
3364	7666	UAGUCCUG G UUUUUCCA	12655	TGGAAAAA GGCTAGCTACAACGA CAGGACTA	33037
3374	7656	UUUUCCAU G UUCUUUAU	12656	ATAAAGAA GGCTAGCTACAACGA ATGGAAAA	33038
3385	7645	CUUUAUGA G UGUCCAUG	12657	CATGGACA GGCTAGCTACAACGA TCATAAAG	33039
3387	7643	UUAUGAGU G UCCAUGUU	12658	AACATGGA GGCTAGCTACAACGA ACTCATAA	33040
3393	7637	GUGUCCAU G UUAUGGAU	12659	ATCCATAA GGCTAGCTACAACGA ATGGACAC	33041
3424	7606	ACCCCAC G CAUGAUGU	12660	ACATCATG GGCTAGCTACAACGA GTGGGGGT	
3431	7599	CGCAUGAU G UGGCAGAG	12661	CTCTGCCA GGCTAGCTACAACGA ATCATGCG	33042
3434	7596	AUGAUGUG G CAGAGUCC	<del></del>		33043
3439	<del></del>		12662	GGACTCTG GGCTAGCTACAACGA CACATCAT	33044
ļ	7591	GUGGCAGA G UCCGAUGG	12663	CCATCGGA GGCTAGCTACAACGA TCTGCCAC	33045
3447	7583	GUCCGAUG G CAGUUGUU	12664	AACAACTG GGCTAGCTACAACGA CATCGGAC	33046
3450	7580	CGAUGGCA G UUGUUGCG	12665	<del></del>	33047
3453	7577	UGGCAGUU G UUGCGUUC	12666		33048
3456	7574	CAGUUGUU G CGUUCCAA	12667	TTGGAACG GGCTAGCTACAACGA AACAACTG	33049
3458	7572	GUUGUUGC G UUCCAAAC	12668	GTTTGGAA GGCTAGCTACAACGA GCAACAAC	33050
3470	7560	CAAACAGA G CUUGCUCC	12669	<del> </del>	33051
3474	7556	CAGAGCUU G CUCCAUUC	12670	GAATGGAG GGCTAGCTACAACGA AAGCTCTG	33052
3490	7540	CUCCCAAA G CGUCACCG	12671	CGGTGACG GGCTAGCTACAACGA TTTGGGAG	33053
3492	7538	CCCAAAGC G UCACCGCU	12672	AGCGGTGA GCTAGCTACAACGA GCTTTGGG	33054
3498	7532	GCGUCACC G CUGCGGCC	12673	GGCCGCAG GGCTAGCTACAACGA GGTGACGC	33055
3501	7529	UCACCGCU G CGGCCGUG	12674	CACGGCCG GGCTAGCTACAACGA AGCGGTGA	33056
3504	7526	CCGCUGCG G CCGUGAUC	12675	GATCACGG GGCTAGCTACAACGA CGCAGCGG	33057
3507	7523	CUGCGGCC G UGAUCAAA	12676	TTTGATCA GGCTAGCTACAACGA GGCCGCAG	33058
3522	7508	AAAUUCCG G CUUCUCGU	12677	ACGAGAAG GGCTAGCTACAACGA CGGAATTT	33059
3529	7501	GGCUUCUC G UACUGUCU	12678	AGACAGTA GGCTAGCTACAACGA GAGAAGCC	33060
3534	7496	CUCGUACU G UCUUCACA	12679	TGTGAAGA GGCTAGCTACAACGA AGTACGAG	33061
3548	7482	ACAGACGG G UUCACUAC	12680	GTAGTGAA GGCTAGCTACAACGA CCGTCTGT	33062
3561	7469	CUACUACU G CAGCUAGA	12681	TCTAGCTG GGCTAGCTACAACGA AGTAGTAG	33063
3564	7466	CUACUGCA G CUAGAGAC	12682	GTCTCTAG GGCTAGCTACAACGA TGCAGTAG	33064
3583	7447	CAAGAUCA G CAUGAUCU	12683	AGATCATG GGCTAGCTACAACGA TGATCTTG	33065
3592	7438	CAUGAUCU G UCCAACUU	12684	AAGTTGGA GGCTAGCTACAACGA AGATCATG	33066
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3607	7423	UUUCUUCU G CAUGAUGG	12685	CCATCATG GGCTAGCTACAACGA AGAAGAAA	33067
3616	7414	CAUGAUGG G UGUGGUGC	12686	GCACCACA GGCTAGCTACAACGA CCATCATG	33068
3618	7412	UGAUGGGU G UGGUGCGC	12687	GCGCACCA GGCTAGCTACAACGA ACCCATCA	33069
3621	7409	UGGGUGUG G UGCGCUCU	12688	AGAGCGCA GGCTAGCTACAACGA CACACCCA	33070
3623	7407	GGUGUGGU G CGCUCUAA	12689	TTAGAGCG GGCTAGCTACAACGA ACCACACC	<del></del>
3625	7405	UGUGGUGC G CUCUAAUU	12690	AATTAGAG GGCTAGCTACAACGA GCACCACA	33071
	<del></del>	<del></del>			33072
3641	7389	UCUGGGAC G UCCGUGGC	12691	GCCACGGA GGCTAGCTACAACGA GTCCCAGA	33073
3645	7385	GGACGUCC G UGGCCACG	12692	CGTGGCCA GGCTAGCTACAACGA GGACGTCC	33074
3648	7382	CGUCCGUG G CCACGAUG	12693	CATCGTGG GGCTAGCTACAACGA CACGGACG	33075
3656	7374	GCCACGAU G CCAUCCAC	12694	GTGGATGG GGCTAGCTACAACGA ATCGTGGC	33076
3669	7361	CCACUACA G CGUUCUUC	12695	GAAGAACG GGCTAGCTACAACGA TGTAGTGG	33077
3671	7359	ACUACAGC G UUCUUCAU	12696	ATGAAGAA GGCTAGCTACAACGA GCTGTAGT	33078
3687	7343	UGAUUCCG G CCGCUGUC	12697	GACAGCGG GGCTAGCTACAACGA CGGAATCA	33079
3690	7340	UUCCGGCC G CUGUCCGC	12698	GCGGACAG GGCTAGCTACAACGA GGCCGGAA	33080
3693	7337	CGGCCGCU G UCCGCCGC	12699	GCGGCGGA GGCTAGCTACAACGA AGCGGCCG	33081
3697	7333	CGCUGUCC G CCGCUGGG	12700	CCCAGCGG GGCTAGCTACAACGA GGACAGCG	33082
3700	7330	UGUCCGCC G CUGGGCUG	12701	CAGCCCAG GGCTAGCTACAACGA GGCGGACA	33083
3705	7325	GCCGCUGG G CUGAGCGC	12702	GCGCTCAG GGCTAGCTACAACGA CCAGCGGC	33084
3710	7320	UGGGCUGA G CGCAUUGC	12703	GCAATGCG GGCTAGCTACAACGA TCAGCCCA	33085
3712	7318	GGCUGAGC G CAUUGCCU	12704	AGGCAATG GGCTAGCTACAACGA GCTCAGCC	33086
3717	7313	AGCGCAUU G CCUCAGCU	12705	AGCTGAGG GGCTAGCTACAACGA AATGCGCT	33087
3723	7307	UUGCCUCA G CUUGCCAA	12706	TTGGCAAG GGCTAGCTACAACGA TGAGGCAA	33088
3727	7303	CUCAGCUU G CCAACCGG	12707	CCGGTTGG GGCTAGCTACAACGA AAGCTGAG	33089
3743	7287	GGAACCAU G UAGGCAUA	12708	TATGCCTA GGCTAGCTACAACGA ATGGTTCC	33090
3747	7283	CCAUGUAG G CAUAGUGG	12709	CCACTATG GGCTAGCTACAACGA CTACATGG	33091
3752	7278	UAGGCAUA G UGGCAAAA	12710	TTTTGCCA GGCTAGCTACAACGA TATGCCTA	33092
3755	7275	GCAUAGUG G CAAAAAAG	12711	CTTTTTG GGCTAGCTACAACGA CACTATGC	33092
3766	7264	AAAAAGGA G UGUUGCCG	12712	CGGCAACA GGCTAGCTACAACGA TCCTTTTT	<del></del>
3768	7262	AAAGGAGU G UUGCCGCU	12713	AGCGGCAA GGCTAGCTACAACGA ACTCCTTT	33094
3771	7259	GGAGUGUU G CCGCUGUU	12714		33095
3774	7256	GUGUUGCC G CUGUUACC		AACAGCGG GGCTAGCTACAACGA AACACTCC	33096
3777	7253		12715	GGTAACAG GGCTAGCTACAACGA GGCAACAC	33097
3783	7247	UUGCCGCU G UUACCGUA	12716	TACGGTAA GGCTAGCTACAACGA AGCGGCAA	33098
$\vdash$		CUGUUACC G UAACGGUG	12717	CACCGTTA GGCTAGCTACAACGA GGTAACAG	33099
3789	7241	CCGUAACG G UGAGGGUG	12718	CACCCTCA GGCTAGCTACAACGA CGTTACGG	33100
3795	7235	CGGUGAGG G UGACUUGU	12719	ACAAGTCA GGCTAGCTACAACGA CCTCACCG	33101
3802	7228	GGUGACUU G UCCCCAGC	12720	GCTGGGGA GGCTAGCTACAACGA AAGTCACC	33102
3809	7221	UGUCCCCA G CAUCCGGC	12721	GCCGGATG GGCTAGCTACAACGA TGGGGACA	33103
3816	7214	AGCAUCCG G CUGCUAGC	12722	GCTAGCAG GGCTAGCTACAACGA CGGATGCT	33104
3819	7211	AUCCGGCU G CUAGCAGG	12723	CCTGCTAG GGCTAGCTACAACGA AGCCGGAT	33105
3823	7207	GGCUGCUA G CAGGAGAG	12724	CTCTCCTG GGCTAGCTACAACGA TAGCAGCC	33106
3831	7199	GCAGGAGA G CCGACACU	12725	AGTGTCGG GGCTAGCTACAACGA TCTCCTGC	33107
3860	7170	AAGGGGAA G CCUCGCGC	12726	GCGCGAGG GGCTAGCTACAACGA TTCCCCTT	33108
3865	7165	GAAGCCUC G CGCGAGUG	12727	CACTCGCG GGCTAGCTACAACGA GAGGCTTC	33109
3867	7163	AGCCUCGC G CGAGUGUG	12728	CACACTCG GGCTAGCTACAACGA GCGAGGCT	33110
3871	7159	UCGCGCGA G UGUGAAUA	12729	TATTCACA GGCTAGCTACAACGA TCGCGCGA	33111
3873	7157	GCGCGAGU G UGAAUAGU	12730	ACTATICA GGCTAGCTACAACGA ACTCGCGC	33112
3880	7150	UGUGAAUA G UGCACUUG	12731	CAAGTGCA GGCTAGCTACAACGA TATTCACA	33113
3882	7148	UGAAUAGU G CACUUGCC	12732	GGCAAGTG GGCTAGCTACAACGA ACTATTCA	33114
3888	7142	GUGCACUU G CCUGAACG	12733	CGTTCAGG GGCTAGCTACAACGA AAGTGCAC	33115
3896	7134	GCCUGAAC G UUUAUUGA	12734	TCAATAAA GGCTAGCTACAACGA GTTCAGGC	33116
3906	7124	UUAUUGAG G UCAAUGAG	12735	CTCATTGA GGCTAGCTACAACGA CTCAATAA	33117
3915	7115	UCAAUGAG G UGUUGAUG	12736	CATCAACA GGCTAGCTACAACGA CTCATTGA	33118
3917	7113	AAUGAGGU G UUGAUGUA	12737	TACATCAA GGCTAGCTACAACGA ACCTCATT	33119
3923	7107	GUGUUGAU G UAAUCUGA	12738	TCAGATTA GGCTAGCTACAACGA ATCAACAC	33120
3933	7097	AAUCUGAC G UGAUCAAA	12739	TTTGATCA GGCTAGCTACAACGA GTCAGATT	33121
3943	7087	GAUCAAAU G CUUUAGCA	12740	TGCTAAAG GGCTAGCTACAACGA ATTTGATC	33122
3949	7081	AUGCUUUA G CAGUGGAG	12741	CTCCACTG GGCTAGCTACAACGA TAAAGCAT	33123
3952	7078	CUUUAGCA G UGGAGUGA	12742	TCACTCCA GGCTAGCTACAACGA TGCTAAAG	33123
3957	7073	GCAGUGGA G UGAGGACC	12743	GGTCCTCA GGCTAGCTACAACGA TCCACTGC	33124
3966	7064	UGAGGACC G CUGUUGUC	12744	GACAACAG GGCTAGCTACAACGA GGTCCTCA	33125
3969	7061	GGACCGCU G UUGUCACA	12745	TGTGACAA GGCTAGCTACAACGA AGCGGTCC	
3972	7058	CCGCUGUU G UCACAGCG	12745		33127
3978	7052	UUGUCACA G CGUACAGU		CGCTGTGA GGCTAGCTACAACGA AACAGCGG	33128
1	,,,,,	COUNCAGO	12747	ACTGTACG GGCTAGCTACAACGA TGTGACAA	33129

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3980	7050	GUCACAGC G UACAGUGA	12748	TCACTGTA GGCTAGCTACAACGA GCTGTGAC	33130
3985	7045	AGCGUACA G UGACCAGG	12749	CCTGGTCA GGCTAGCTACAACGA TGTACGCT	33131
3993	7037	GUGACCAG G CUGUUGCC	12750	GGCAACAG GGCTAGCTACAACGA CTGGTCAC	33132
3996	7034	ACCAGGCU G UUGCCGGC	12751	GCCGGCAA GGCTAGCTACAACGA AGCCTGGT	33133
3999	7031	AGGCUGUU G CCGGCCUC	12752	GAGGCCGG GGCTAGCTACAACGA AACAGCCT	33134
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4010	7020	GGCCUCAA G UCCAAAAG	12754	CTTTTGGA GGCTAGCTACAACGA TTGAGGCC	33136
4031	6999	UCUCCCAU G CUGAAAUU	12755	AATTTCAG GGCTAGCTACAACGA ATGGGAGA	33137
4060	6970	AAUUCUUU G CCCAAACA	12756	TGTTTGGG GGCTAGCTACAACGA AAAGAATT	33138
4073	6957	AACAAACU G CUUAUGUC	12757	GACATAAG GGCTAGCTACAACGA AGTTTGTT	33139
4079	6951	CUGCUUAU G UCACUCUU	12758	AAGAGTGA GGCTAGCTACAACGA ATAAGCAG	33140
4089	6941	CACUCUUG G UCUUAUCU	12759	AGATAAGA GGCTAGCTACAACGA CAAGAGTG	33141
4099	6931	CUUAUCUA G CCAACCCA	12760	TGGGTTGG GGCTAGCTACAACGA TAGATAAG	33142
4112	6918	CCCAUCUC G UUGGCUGC	12761	GCAGCCAA GGCTAGCTACAACGA GAGATGGG	33143
1	6914	UCUCGUUG G CUGCCACU	12762	AGTGGCAG GGCTAGCTACAACGA CAACGAGA	33144
4116		CGUUGGCU G CCACUGCG	12763	CGCAGTGG GGCTAGCTACAACGA AGCCAACG	33145
4119	6911			TGTGAGCG GGCTAGCTACAACGA AGTGGCAG	33145
4125	6905	CUGCCACU G CGCUCACA	12764		
4127	6903	GCCACUGC G CUCACAAG	12765	CTTGTGAG GGCTAGCTACAACGA GCAGTGGC	33147
4137	6893	UCACAAGG G UCAUGACA	12766	TGTCATGA GGCTAGCTACAACGA CCTTGTGA	33148
4161	6869	GGAACACG G CUAGCUGG	12767	CCAGCTAG GGCTAGCTACAACGA CGTGTTCC	33149
4165	6865	CACGGCUA G CUGGUUGU	12768	ACAACCAG GGCTAGCTACAACGA TAGCCGTG	33150
4169	6861	GCUAGCUG G UUGUCUGU	12769	ACAGACAA GGCTAGCTACAACGA CAGCTAGC	33151
4172	6858	AGCUGGUU G UCUGUCUG	12770	CAGACAGA GGCTAGCTACAACGA AACCAGCT	33152
4176	6854	GGUUGUCU G UCUGCGAA	12771	TTCGCAGA GGCTAGCTACAACGA AGACAACC	33153
4180	6850	GUCUGUCU G CGAACGUU	12772	AACGTTCG GGCTAGCTACAACGA AGACAGAC	33154
4186	6844	CUGCGAAC G UUGCUUCU	12773	AGAAGCAA GGCTAGCTACAACGA GTTCGCAG	33155
4189	6841	CGAACGUU G CUUCUCUG	12774	CAGAGAAG GGCTAGCTACAACGA AACGTTCG	33156
4198	6832	CUUCUCUG G CUCAGGAA	12775	TTCCTGAG GGCTAGCTACAACGA CAGAGAAG	33157
4210	6820	AGGAAUUA G CACAAUCA	12776	TGATTGTG GGCTAGCTACAACGA TAATTCCT	33158
4234	6796	AAGGGAGA G CAGCAACA	12777	TGTTGCTG GGCTAGCTACAACGA TCTCCCTT	33159
4237	6793	GGAGAGCA G CAACAUUC	12778	GAATGTTG GGCTAGCTACAACGA TGCTCTCC	33160
4248	6782	ACAUUCCG G CGAUCUUC	12779	GAAGATCG GGCTAGCTACAACGA CGGAATGT	33161
4257	6773	CGAUCUUC G UUCCUGGA	12780	TCCAGGAA GGCTAGCTACAACGA GAAGATCG	33162
4272	6758	GAACUUCA G CCAUCCAA	12781	TTGGATGG GGCTAGCTACAACGA TGAAGTTC	33163
4290	6740	AGAAAAAG G UCGCGACU	12782	AGTCGCGA GGCTAGCTACAACGA CTTTTTCT	33164
4293	6737	AAAAGGUC G CGACUCCC	12783	GGGAGTCG GGCTAGCTACAACGA GACCTTTT	33165
4308	6722	CCAAGACA G CGCCUCCC	12784	GGGAGGCG GGCTAGCTACAACGA TGTCTTGG	33166
4310	6720	AAGACAGC G CCUCCCAA	12785	TTGGGAGG GGCTAGCTACAACGA GCTGTCTT	33167
4334	6696	UUUCCAAU G CCCUUCCG	12786	CGGAAGGG GGCTAGCTACAACGA ATTGGAAA	33168
4342	6688	GCCCUUCC G CUGCAUGA	12787	TCATGCAG GGCTAGCTACAACGA GGAAGGGC	33169
4345	6685	CUUCCGCU G CAUGAGGA	12788	TCCTCATG GGCTAGCTACAACGA AGCGGAAG	33170
4371	6659	CUCCCAUG G UCAUCACA	12789		33171
4389	6641	UCAAUAAG G CAAUCAAG	12790	<del></del>	33172
4398	6632	CAAUCAAG G CAAUUGUC	12791		33173
4404	6626	AGGCAAUU G UCUGAAGA	12792	TCTTCAGA GGCTAGCTACAACGA AATTGCCT	33173
4413	6617	UCUGAAGA G CAUCUGGC	12793		33174
<del></del>		AGCAUCUG G CAGUUCCU	12794	AGGAACTG GGCTAGCTACAACGA CAGATGCT	33175
4420	6610	AUCUGGCA G UUCCUCCA	12794	<u> </u>	33176
4423	6607	CCUCCAGG G CCAUUCUG			
4434	6596	<del></del>	12796		33178
4442	6588	GCCAUUCU G UGAGCUCU	12797		33179
4446	6584	UUCUGUGA G CUCUUCCU	12798		33180
4464	6566	CUUUCUCU G CAGUGGCC	12799		33181
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4470	6560	CUGCAGUG G CCACAACG	12801	CGTTGTGG GGCTAGCTACAACGA CACTGCAG	33183
4478	6552	GCCACAAC G UACAUGGU	12802		33184
4485	6545	CGUACAUG G UGUCAAGU	12803	<u> </u>	33185
4487	6543	UACAUGGU G UCAAGUGC	12804		33186
4492	6538	GGUGUCAA G UGCUUCCC	12805	<del>                                     </del>	33187
4494	6536	UGUCAAGU G CUUCCCAU	12806		33188
4503	6527	CUUCCCAU G UCUUCCCC	12807	<del> </del>	33189
4517	6513	CCCAUGAA G UGCUCAGG	12808	<del></del>	33190
4519	6511	CAUGAAGU G CUCAGGCA	12809	TGCCTGAG GGCTAGCTACAACGA ACTTCATG	33191
4525	6505	GUGCUCAG G CAUCUUUC	12810	GAAAGATG GGCTAGCTACAACGA CTGAGCAC	33192

WO 02/068637	Table XI	PCT/US01/48350
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4549	6481	CUCAAUGA G CCCUAUCU	12811	AGATAGGG GGCTAGCTACAACGA TCATTGAG	33193
4564	6466	CUGAGAAC G UUUUCCCG	12812	CGGGAAAA GGCTAGCTACAACGA GTTCTCAG	33194
4575	6455	UUCCCGAG G CGAAGUCC	12813	GGACTTCG GGCTAGCTACAACGA CTCGGGAA	33195
4580	6450	GAGGCGAA G UCCUUGAA	12814	TTCAAGGA GGCTAGCTACAACGA TTCGCCTC	33196
4590	6440	CCUUGAAC G CCUUUAGU	12815	ACTAAAGG GGCTAGCTACAACGA GTTCAAGG	33197
4597	6433	CGCCUUUA G UGCCUGGU	12816	ACCAGGCA GGCTAGCTACAACGA TAAAGGCG	33198
4599	6431	CCUUUAGU G CCUGGUGA	12817	TCACCAGG GGCTAGCTACAACGA ACTAAAGG	33199
4604	6426	AGUGCCUG G UGAUCCGA	12818	TCGGATCA GGCTAGCTACAACGA CAGGCACT	33200
4613	6417	UGAUCCGA G UACACCCU	12819	AGGGTGTA GGCTAGCTACAACGA TCGGATCA	33201
4623	6407	ACACCCUG G CGUCAAUC	12820	GATTGACG GGCTAGCTACAACGA CAGGGTGT	33202
4625	6405	ACCCUGGC G UCAAUCCA	12821	TGGATTGA GGCTAGCTACAACGA GCCAGGGT	33203
4634	6396	UCAAUCCA G CGCGGCCU	12822	AGGCCGCG GGCTAGCTACAACGA TGGATTGA	33204
4636	6394	AAUCCAGC G CGGCCUCA	12823	TGAGGCCG GGCTAGCTACAACGA GCTGGATT	33205
4639	6391	CCAGCGCG G CCUCAGAA	12824	TTCTGAGG GGCTAGCTACAACGA CGCGCTGG	33206
4663	6367	UUCACCAA G CUUCGUGA	12825	TCACGAAG GGCTAGCTACAACGA TTGGTGAA	33207
4668	6362	CAAGCUUC G UGAUGACU	12826	AGTCATCA GGCTAGCTACAACGA GAAGCTTG	33208
4685	6345	UCCACUUC G UUGUUGUC	12827	GACAACAA GGCTAGCTACAACGA GAAGTGGA	33209
4688	6342	ACUUCGUU G UUGUCUUC	12828	GAAGACAA GGCTAGCTACAACGA AACGAAGT	33210
4691	6339	UCGUUGUU G UCUUCUAA	12829	TTAGAAGA GGCTAGCTACAACGA AACAACGA	33211
4704	6326	CUAAAAUU G UGUUUGUC	12830	GACAAACA GGCTAGCTACAACGA AATTTTAG	33212
4706	6324	AAAAUUGU G UUUGUCCU	12831	AGGACAAA GGCTAGCTACAACGA ACAATTTT	33212
4710	6320	UUGUGUUU G UCCUAGGA	12832	TCCTAGGA GGCTAGCTACAACGA AAACACAA	33214
4727	6303	CCAUCAAA G CACCACCU	12833	AGGTGGTG GGCTAGCTACAACGA TTTGATGG	33215
4739	6291	CACCUCCG G UCGUGGUA	12834	TACCACGA GGCTAGCTACAACGA CGGAGGTG	33215
4742	6288	CUCCGGUC G UGGUAUGA	12835	TCATACCA GGCTAGCTACAACGA GACCGGAG	33217
4745	6285	CGGUCGUG G UAUGACAC	12836	GTGTCATA GGCTAGCTACAACGA CACGACCG	33218
4758	6272	ACACUCCA G CCGCUGCA	12837	TGCAGCGG GGCTAGCTACAACGA TGGAGTGT	33219
4761	6269	CUCCAGCC G CUGCAACC	12838	GGTTGCAG GGCTAGCTACAACGA GGCTGGAG	33219
4764	6266	CAGCCGCU G CAACCUUG	12839	CAAGGTTG GGCTAGCTACAACGA AGCGGCTG	33220
4772	6258	GCAACCUU G UAAGCCAG	12840	CTGGCTTA GGCTAGCTACAACGA AAGGTTGC	33222
4776	6254	CCUUGUAA G CCAGCCAA	12841	TTGGCTGG GGCTAGCTACAACGA TTACAAGG	33222
4780	6250	GUAAGCCA G CCAAACUG	12842	CAGTTTGG GGCTAGCTACAACGA TGGCTTAC	33223
4789	6241	CCAAACUG G CAGAUCUG	12843	CAGATCTG GGCTAGCTACAACGA CAGTTTGG	33225
4797	6233	GCAGAUCU G CAGUCCUC	12844	GAGGACTG GGCTAGCTACAACGA AGATCTGC	33225
4800	6230	GAUCUGCA G UCCUCAAC	12845	GTTGAGGA GGCTAGCTACAACGA TGCAGATC	33227
4810	6220	CCUCAACA G UUCCAGAA	12846	TTCTGGAA GGCTAGCTACAACGA TGTTGAGG	33227
4820	6210	UCCAGAAA G UUUUUUCU	12847	AGAAAAA GGCTAGCTACAACGA TTTCTGGA	33229
4843	6187	UCCUCUGA G CCGGUAUU	12848	AATACCGG GGCTAGCTACAACGA TCAGAGGA	33229
4847	6183	CUGAGCCG G UAUUCCCC	12849	GGGGAATA GGCTAGCTACAACGA CGGCTCAG	33231
4863	6167	CAUCCAUG G UAUAUACC	12850	GGTATATA GGCTAGCTACAACGA CATGGATG	33232
4879	6151	CUUCUCAC G CUCUGGUU	12851	AACCAGAG GGCTAGCTACAACGA GTGAGAAG	33232
4885	6145	ACGCUCUG G UUGGUAGA	12852		33234
4889	6141	UCUGGUUG G UAGAAUUG	12853		33234
4899	6131	AGAAUUGA G CGAUCAGU	12854	ACTGATCG GGCTAGCTACAACGA TCAATTCT	
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4910	6120	AUCAGUCC G UUUGGCAU	12856	ATGCCAAA GGCTAGCTACAACGA GGACTGAT	33237
4915	6115	UCCGUUUG G CAUGUUGA	12857		33238
4919	6111	UUUGGCAU G UUGAUGUU	12858	AACATCAA GGCTAGCTACAACGA ATGCCAAA	33239
4925	6105	AUGUUGAU G UUGUCCAG	12859		33240
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4942	6088	CAUGAUUC G UGCCUCAG	12862		33243
4944	6086	UGAUUCGU G CCUCAGUC	12863		33244
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4964	6066	UGGGCGAA G UUCGAGUC	12866		33247
4970	6060	AAGUUCGA G UCGUCUUC	12867		
4973	6057	UUCGAGUC G UCUUCAUU	12868	AATGAAGA GGCTAGCTACAACGA GACTCGAA	33249
4983	6047	CUUCAUUC G UGUGCCCC	12869		33250
4985	6045	UCAUUCGU G UGCCCCC	12870		33251
4987	6043	AUUCGUGU G CCCCCCAU	12870	ATGGGGG GGCTAGCTACAACGA ACGAATGA	33252
5000	6030	CCAUAACA G UACUCAUC	12871	GATGAGTA GGCTAGCTACAACGA ACACGAAT GATGAGTA GGCTAGCTACAACGA TGTTATGG	33253
5017	6013	ACCAACUU G CGACGGAU			33254
المنتقب			12873	ATCCGTCG GGCTAGCTACAACGA AAGTTGGT	33255

5038         5992         ACCGAUAC         G UCCACGUC         12874         GACGTGGA         GGCTAGCTACA           5044         5986         ACGUCCAC         G UCUCUGGG         12875         CCCAGAGA         GGCTAGCTACA           5052         5978         GUCUCUGG         CGGCACUA         12876         TAGTGCCG         GGCTAGCTACA           5055         5975         UCUGGGCG         CACUAGCU         12877         AGCTAGTG         GGCTAGCTACA           5061         5969         CGGCACUA         G CUGCUGUC         12878         GACAGCAG         GGCTAGCTACA           5064         5966         CACUAGCU         GCUGUCACU         12879         AGTGACAG         GGCTAGCTACA	PC 1/USU1/48350	
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		3260
		3261
		3262
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		3304
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5469 5561 GUGGGGUG G CUGUCAUG 12922 CATGACAG GGCTAGCTACA 5472 5558 GGGUGGCU G UCAUGAAU 12923 ATTCATGA GGCTAGCTACA 5484 5546 UGAAUAUU G CCGCCGCC 12924 GGCGGCGG GGCTAGCTACA	AACGA GGCAATAT 3:	
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5469 5561 GUGGGGUG G CUGUCAUG 12922 CATGACAG GGCTAGCTACA 5472 5558 GGGUGGCU G UCAUGAAU 12923 ATTCATGA GGCTAGCTACA 5484 5546 UGAAUAUU G CCGCCGCC 12924 GGCGGCGG GGCTAGCTACA 5487 5543 AUAUUGCC G CCGCCUCC 12925 GGAGGCGG GGCTAGCTACA 5490 5540 UUGCCGCC G CCUCCCCU 12926 AGGGGAGG GGCTAGCTACA	AACGA GGCAATAT 33 AACGA GGCGGCAA 33 AACGA TAGGGGAG 33	3307 3308
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5469         5561         GUGGGGUG G CUGUCAUG         12922         CATGACAG GGCTAGCTACA           5472         5558         GGGUGGCU G UCAUGAAU         12923         ATTCATGA GGCTAGCTACA           5484         5546         UGAAUAUU G CCGCCGCC         12924         GGCGGCGG GGCTAGCTACA           5487         5543         AUAUUGCC G CCGCCUCC         12925         GGAGGCGG GGCTAGCTACA           5490         5540         UUGCCGCC G CCUCCCCU         12926         AGGGGAGG GGCTAGCTACA           5500         5530         CUCCCCUA G CUCGACCU         12927         AGGTCGAG GGCTAGCTACA           5511         5519         CGACCUUU G UGGAAAUG         12928         CATTTCCA GGCTAGCTACA           5519         5511         GUGGAAAU G UAACCUCU         12929         AGAGGTTA GGCTAGCTACA           5529         5501         AACCUCUU G CUGCAAUG         12930         CATTGCAG GGCTAGCTACA	AACGA GGCAATAT 3: AACGA GGCGGCAA 3: AACGA TAGGGGAG 3: AACGA AAAGGTCG 3: AACGA AATTTCCAC 3: AACGA AAGAGGTT 3:	3307 3308 3309 3310 3311 3312
5469         5561         GUGGGGUG G CUGUCAUG         12922         CATGACAG GGCTAGCTACA           5472         5558         GGGUGGCU G UCAUGAAU         12923         ATTCATGA GGCTAGCTACA           5484         5546         UGAAUAUU G CCGCCGCC         12924         GGCGGCGG GGCTAGCTACA           5487         5543         AUAUUGCC G CCGCCUCC         12925         GGAGGCGG GGCTAGCTACA           5490         5540         UUGCCGCC G CCUCCCCU         12926         AGGGGAGG GGCTAGCTACA           5500         5530         CUCCCCUA G CUCGACCU         12927         AGGTCGAG GGCTAGCTACA           5511         5519         CGACCUUU G UGGAAAUG         12928         CATTTCCA GGCTAGCTACA           5519         5511         GUGGAAAU G UAACCUCU         12929         AGAGGTTA GGCTAGCTACA           5529         5501         AACCUCUU G CUGCAAUG         12930         CATTGCAG GGCTAGCTACA           5532         5498         CUCUUGCU G CAAUGCUA         12931         TAGCATTG GGCTAGCTACA	AACGA GGCAATAT 3: AACGA GGCGGCAA 3: AACGA TAGGGGAG 3: AACGA AAAGGTCG 3: AACGA AATTTCCAC 3: AACGA AAGAGGTT 3: AACGA AAGAGGTT 3: AACGA AGCAAGAG 3:	3307 3308 3309 3310 3311 3312 3313
5469         5561         GUGGGGUG G CUGUCAUG         12922         CATGACAG GGCTAGCTACA           5472         5558         GGGUGGCU G UCAUGAAU         12923         ATTCATGA GGCTAGCTACA           5484         5546         UGAAUAUU G CCGCCGCC         12924         GGCGGCGG GGCTAGCTACA           5487         5543         AUAUUGCC G CCGCCUCC         12925         GGAGGCGG GGCTAGCTACA           5490         5540         UUGCCGCC G CCUCCCCU         12926         AGGGGAGG GGCTAGCTACA           5500         5530         CUCCCCUA G CUCGACCU         12927         AGGTCGAG GGCTAGCTACA           5511         5519         CGACCUUU G UGGAAAUG         12928         CATTTCCA GGCTAGCTACA           5519         5511         GUGGAAAU G UAACCUCU         12929         AGAGGTTA GGCTAGCTACA           5529         5501         AACCUCUU G CUGCAAUG         12930         CATTGCAG GGCTAGCTACA           5532         5498         CUCUUGCU G CAAUGCUA         12931         TAGCATTG GGCTAGCTACA           5537         5493         GCUGCAAU G CUAGCUGG         12932         CCAGCTAG GGCTAGCTACA	AACGA GGCAATAT 3: AACGA GGCGGCAA 3: AACGA TAGGGGAG 3: AACGA AAAGGTCG 3: AACGA AATTCCAC 3: AACGA AAGAGGTT 3: AACGA AAGAGGTT 3: AACGA AGCAAGAG 3: AACGA ATTGCAGC 3:	3307 3308 3309 3310 3311 3312 3313
5469         5561         GUGGGGUG G CUGUCAUG         12922         CATGACAG GGCTAGCTACA           5472         5558         GGGUGGCU G UCAUGAAU         12923         ATTCATGA GGCTAGCTACA           5484         5546         UGAAUAUU G CCGCCGCC         12924         GGCGGCGG GGCTAGCTACA           5487         5543         AUAUUGCC G CCGCCUCC         12925         GGAGGCGG GGCTAGCTACA           5490         5540         UUGCCGCC G CCUCCCCU         12926         AGGGGAGG GGCTAGCTACA           5500         5530         CUCCCCUA G CUCGACCU         12927         AGGTCGAG GGCTAGCTACA           5511         5519         CGACCUUU G UGGAAAUG         12928         CATTTCCA GGCTAGCTACA           5519         5511         GUGGAAAU G UAACCUCU         12929         AGAGGTTA GGCTAGCTACA           5529         5501         AACCUCUU G CUGCAAUG         12930         CATTGCAG GGCTAGCTACA           5532         5498         CUCUUGCU G CAAUGCUA         12931         TAGCATTG GGCTAGCTACA           5537         5493         GCUGCAAU G CUAGCUGG         12932         CCAGCTAG GGCTAGCTACA           5541         5489         CAAUGCUA G CUGGGUCG         12933         CGACCCAG GGCTAGCTACA	AACGA GGCAATAT 3: AACGA GGCGGCAA 3: AACGA TAGGGGAG 3: AACGA AAAGGTCG 3: AACGA AATTCCAC 3: AACGA AAGAGGTT 3: AACGA AAGAAGAG 3: AACGA ATTGCAGC 3: AACGA ATTGCAGC 3: AACGA ATTGCAGC 3: AACGA TAGCATTG 3:	3307 3308 3309 3310 3311 3312 3313 3314 3315
5469 5561 GUGGGGUG G CUGUCAUG 12922 CATGACAG GGCTAGCTACA 5472 5558 GGGUGGCU G UCAUGAAU 12923 ATTCATGA GGCTAGCTACA 5484 5546 UGAAUAUU G CCGCCGCC 12924 GGCGGCGG GGCTAGCTACA 5487 5543 AUAUUGCC G CCGCCUCC 12925 GGAGGCGG GGCTAGCTACA 5490 5540 UUGCCGCC G CCUCCCCU 12926 AGGGGAGG GGCTAGCTACA 5500 5530 CUCCCCUA G CUCGACCU 12927 AGGTCGAG GGCTAGCTACA 5511 5519 CGACCUUU G UGGAAAUG 12928 CATTTCCA GGCTAGCTACA 5519 5511 GUGGAAAU G UAACCUCU 12929 AGAGGTTA GGCTAGCTACA 5529 5501 AACCUCUU G CUGCAAUG 12930 CATTGCAG GGCTAGCTACA 5532 5498 CUCUUGCU G CAAUGCUA 12931 TAGCATTG GGCTAGCTACA 5537 5493 GCUGCAAU G CUAGCUGG 12932 CCAGCTAG GGCTAGCTACA 5546 5484 CUAGCUGG G UCGGUGAA 12934 TTCACCGA GGCTAGCTACA 5546 5484 CUAGCUGG G UCGGUGAA 12934 TTCACCGA GGCTAGCTACA	AACGA GGCAATAT 3: AACGA GGCGGCAA 3: AACGA TAGGGGAG 3: AACGA AAAGGTCG 3: AACGA AATTCCAC 3: AACGA AAGAGGTT 3: AACGA AAGAAGAG 3: AACGA ATTGCAGC 3: AACGA ATTGCAGC 3: AACGA TAGCATTG 3: AACGA CCAGCTAG 3:	3307 3308 3309 3310 3311 3312 3313 3314 3315 3316
5469         5561         GUGGGGUG G CUGUCAUG         12922         CATGACAG GGCTAGCTACA           5472         5558         GGGUGGCU G UCAUGAAU         12923         ATTCATGA GGCTAGCTACA           5484         5546         UGAAUAUU G CCGCCGCC         12924         GGCGGCGG GGCTAGCTACA           5487         5543         AUAUUGCC G CCGCCUCC         12925         GGAGGCGG GGCTAGCTACA           5490         5540         UUGCCGCC G CCUCCCCU         12926         AGGGGAGG GGCTAGCTACA           5500         5530         CUCCCCUA G CUCGACCU         12927         AGGTCGAG GGCTAGCTACA           5511         5519         CGACCUUU G UGGAAAUG         12928         CATTTCCA GGCTAGCTACA           5519         5511         GUGGAAAU G UAACCUCU         12929         AGAGGTTA GGCTAGCTACA           5529         5501         AACCUCUU G CUGCAAUG         12930         CATTGCAG GGCTAGCTACA           5532         5498         CUCUUGCU G CAAUGCUA         12931         TAGCATTG GGCTAGCTACA           5537         5493         GCUGCAAU G CUAGCUGG         12932         CCAGCTAG GGCTAGCTACA           5541         5489         CAAUGCUA G CUGGGUCG         12933         CGACCCAG GGCTAGCTACA	AACGA GGCAATAT 3: AACGA GGCGGCAA 3: AACGA TAGGGGAG 3: AACGA AAAGGTCG 3: AACGA AATTCCAC 3: AACGA AAGAGGTT 3: AACGA AAGAGGTT 3: AACGA AGCAAGAG 3: AACGA ATTGCAGC 3: AACGA TAGCATTG 3: AACGA CCAGCTAG 3: AACGA CGACCCAG 3: AACGA CGACCCAG 3:	3307 3308 3309 3310 3311 3312 3313 3314 3315

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5579	5451	ACGAACAG G UUGUAGUU	12937	AACTACAA GGCTAGCTACAACGA CTGTTCGT	33319
5582	5448	AACAGGUU G UAGUUCGG	12938	CCGAACTA GGCTAGCTACAACGA AACCTGTT	33320
5585	5445	AGGUUGUA G UUCGGCAC	12939	GTGCCGAA GGCTAGCTACAACGA TACAACCT	33321
5590	5440	GUAGUUCG G CACCCUGU	12940	ACAGGGTG GGCTAGCTACAACGA CGAACTAC	33322
		GGCACCCU G UGAGGAGA	12941	TCTCCTCA GGCTAGCTACAACGA AGGGTGCC	33322
5597	5433	AGACAUCA G CCUGUGGG			
5611	5419	<del></del>	12942	CCCACAGG GGCTAGCTACAACGA TGATGTCT	33324
5615	5415	AUCAGCCU G UGGGUGAG	12943	CTCACCCA GGCTAGCTACAACGA AGGCTGAT	33325
5619	5411	GCCUGUGG G UGAGGGUA	12944	TACCCTCA GGCTAGCTACAACGA CCACAGGC	33326
5625	5405	GGGUGAGG G UAGCAUGA	12945	TCATGCTA GGCTAGCTACAACGA CCTCACCC	33327
5628	5402	UGAGGGUA G CAUGACAC	12946	GTGTCATG GGCTAGCTACAACGA TACCCTCA	33328
5665	5365	UCCAUUAU G UUCUCUGG	12947	CCAGAGAA GGCTAGCTACAACGA ATAATGGA	33329
5674	5356	UUCUCUGG G CACUGCGG	12948	CCGCAGTG GGCTAGCTACAACGA CCAGAGAA	33330
5679	5351	UGGGCACU G CGGAUGUC	12949	GACATCCG GGCTAGCTACAACGA AGTGCCCA	33331
5685	5345	CUGCGGAU G UCUGGUAC	12950	GTACCAGA GGCTAGCTACAACGA ATCCGCAG	33332
5690	5340	GAUGUCUG G UACCGGAU	12951	ATCCGGTA GGCTAGCTACAACGA CAGACATC	33333
5701	5329	CCGGAUGG G CAGUCCUC	12952	GAGGACTG GGCTAGCTACAACGA CCATCCGG	33334
5704	5326	GAUGGGCA G UCCUCUCA	12953	TGAGAGGA GGCTAGCTACAACGA TGCCCATC	33335
5713	5317	UCCUCUCA G UGCUUCAG	12954	CTGAAGCA GGCTAGCTACAACGA TGAGAGGA	33336
5715	5315	CUCUCAGU G CUUCAGCC	12955	GGCTGAAG GGCTAGCTACAACGA ACTGAGAG	33337
5721	5309	GUGCUUCA G CCAUCUCA	12956	TGAGATGG GGCTAGCTACAACGA TGAAGCAC	33338
5730	5300	CCAUCUCA G CAGCCACA	12957	TGTGGCTG GGCTAGCTACAACGA TGAGATGG	33339
5733	5297	UCUCAGCA G CCACAACC	12958	GGTTGTGG GGCTAGCTACAACGA TGCTGAGA	33340
5745	5285	CAACCCUG G UUGGUGCU	12959	AGCACCAA GGCTAGCTACAACGA CAGGGTTG	33341
5749	5281	CCUGGUUG G UGCUAGCA	12960	TGCTAGCA GGCTAGCTACAACGA CAACCAGG	33342
5751	5279	UGGUUGGU G CUAGCACG	12961	CGTGCTAG GGCTAGCTACAACGA ACCAACCA	33343
5755	5275	UGGUGCUA G CACGGCUG	12962	CAGCCGTG GGCTAGCTACAACGA TAGCACCA	33344
5760	5270	CUAGCACG G CUGUUCUC	12963	GAGAACAG GGCTAGCTACAACGA CGTGCTAG	33345
5763	5267	GCACGGCU G UUCUCAGU	12964	ACTGAGAA GGCTAGCTACAACGA AGCCGTGC	33346
5770	5260	UGUUCUCA G UCUUCUGU	12965	ACAGAAGA GGCTAGCTACAACGA TGAGAACA	33347
5777	5253	AGUCUUCU G UUUAUGGC	12966	GCCATAAA GGCTAGCTACAACGA AGAAGACT	33347
5784	5246	UGUUUAUG G CCUCUUUG	12967	CAAAGAGG GGCTAGCTACAACGA CATAAACA	33349
5800	5230	GAUGAUCU G UGGCAGAA	12968	TTCTGCCA GGCTAGCTACAACGA AGATCATC	33350
5803	5227	GAUCUGUG G CAGAAUCC	12969	GGATTCTG GGCTAGCTACAACGA AGATCATC	
5817	5213	UCCUCCUU G UUUUACCG	12970	CGGTAAAA GGCTAGCTACAACGA AAGGAGGA	33351
5826	5204	UUUUACCG G CGCCGGGA	12970	TCCCGGCG GGCTAGCTACAACGA AAGGAGGA	33352
5828	5202	UUACCGGC G CCGGGAUG	12972	······································	33353
<del></del>			<del></del>	CATCCCGG GGCTAGCTACAACGA GCCGGTAA	33354
5845	5185	GAGAUCCA G UACAGUGA	12973	TCACTGTA GGCTAGCTACAACGA TGGATCTC	33355
5850	5180	CCAGUACA G UGAUCUGU	12974	ACAGATCA GGCTAGCTACAACGA TGTACTGG	33356
5857	5173	AGUGAUCU G UUUUUUCC	12975	GGAAAAA GGCTAGCTACAACGA AGATCACT	33357
5869	5161	UUUCCUCA 'G CAUCUCAG	12976	CTGAGATG GGCTAGCTACAACGA TGAGGAAA	33358
5878	5152	CAUCUCAG G UUCGAAUC	12977	GATTCGAA GGCTAGCTACAACGA CTGAGATG	33359
5889	5141	CGAAUCCG G CUGGGAUU	12978	AATCCCAG GGCTAGCTACAACGA CGGATTCG	33360
5899	5131	UGGGAUUG G CUCAUCCA	12979	TGGATGAG GGCTAGCTACAACGA CAATCCCA	33361
5920	5110	UUCACCCU G CACUAUCG	12980	CGATAGTG GGCTAGCTACAACGA AGGGTGAA	33362
5928	5102	GCACUAUC G CGCUUAUG	12981	CATAAGCG GGCTAGCTACAACGA GATAGTGC	33363
5930	5100	ACUAUCGC G CUUAUGUA	12982	TACATAAG GGCTAGCTACAACGA GCGATAGT	33364
5936	5094	GCGCUUAU G UAUGAGCC	12983	GGCTCATA GGCTAGCTACAACGA ATAAGCGC	33365
5942	5088	AUGUAUGA G CCGUUGGG	12984	CCCAACGG GGCTAGCTACAACGA TCATACAT	33366
5945	5085	UAUGAGCC G UUGGGCAU	12985	ATGCCCAA GGCTAGCTACAACGA GGCTCATA	33367
5950	5080	GCCGUUGG G CAUUAUGA	12986	TCATAATG GGCTAGCTACAACGA CCAACGGC	33368
5966	5064	ACUCCAUU G CCAUAAAG	12987	CTTTATGG GGCTAGCTACAACGA AATGGAGT	33369
5974	5056	GCCAUAAA G CCCAAUCA	12988	TGATTGGG GGCTAGCTACAACGA TTTATGGC	33370
5990	5040	ACAUCACC G UUUUUGUC	12989	GACAAAAA GGCTAGCTACAACGA GGTGATGT	33371
5996	5034	CCGUUUUU G UCCACUAU	12990	ATAGTGGA GGCTAGCTACAACGA AAAAACGG	33372
6007	5023	CACUAUUG G UGAGCCUG	12991	CAGGCTCA GGCTAGCTACAACGA CAATAGTG	33373
6011	5019	AUUGGUGA G CCUGAUGU	12992	ACATCAGG GGCTAGCTACAACGA TCACCAAT	33374
6018	5012	AGCCUGAU G UUCCAGUG	12993	CACTGGAA GGCTAGCTACAACGA ATCAGGCT	33375
6024	5006	AUGUUCCA G UGGGGAAG	12994	CTTCCCCA GGCTAGCTACAACGA TGGAACAT	33376
6032	4998	GUGGGGAA G UCCAAAGU	12995	ACTTTGGA GGCTAGCTACAACGA TTCCCCAC	33377
6039	4991	AGUCCAAA G UCACGGCC	12996	GGCCGTGA GGCTAGCTACAACGA TTTGGACT	33378
6045	4985	AAGUCACG G CCCCGAUU	12997	AATCGGGG GGCTAGCTACAACGA CGTGACTT	33376
6064	4966	UCCUUCAG G UGUUUUGA	12998	TCAAAACA GGCTAGCTACAACGA CTGAAGGA	
6066	4964	CUUCAGGU G UUUUGAAC	12999		33380
التتتا			1 +6333	GTTCAAAA GGCTAGCTACAACGA ACCTGAAG	33381

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6082	4948	CACCCCUG G UUUCGUCU	13000	AGACGAAA GGCTAGCTACAACGA CAGGGGTG	33382
6087	4943	CUGGUUUC G UCUGGACG	13001	CGTCCAGA GGCTAGCTACAACGA GAAACCAG	33383
6095	4935	GUCUGGAC G UUCUUAAC	13002	GTTAAGAA GGCTAGCTACAACGA GTCCAGAC	33384
6104	4926	UUCUUAAC G UUCUUGCC	13003	GGCAAGAA GGCTAGCTACAACGA GTTAAGAA	
					33385
6110	4920	ACGUUCUU G CCAGGUUC	13004	GAACCTGG GGCTAGCTACAACGA AAGAACGT	33386
6115	4915	CUUGCCAG G UUCCACCA	13005	TGGTGGAA GGCTAGCTACAACGA CTGGCAAG	33387
6133	4897	AAUCAUCU G CACCUCAU	13006	ATGAGGTG GGCTAGCTACAACGA AGATGATT	33388
6145	4885	CUCAUCCU G CCCGUUCC	13007	GGAACGGG GGCTAGCTACAACGA AGGATGAG	33389
6149	4881	UCCUGCCC G UUCCACUU	13008	AAGTGGAA GGCTAGCTACAACGA GGGCAGGA	33390
6158	4872	UUCCACUU G UGCUGCAA	13009	TTGCAGCA GGCTAGCTACAACGA AAGTGGAA	
					33391
6160	4870	CCACUUGU G CUGCAAUU	13010	AATTGCAG GGCTAGCTACAACGA ACAAGTGG	33392
6163	4867	CUUGUGCU G CAAUUUCC	13011	GGAAATTG GGCTAGCTACAACGA AGCACAAG	33393
6175	4855	UUUCCAGG G UCCUCCGU	13012	ACGGAGGA GGCTAGCTACAACGA CCTGGAAA	33394
6182	4848	GGUCCUCC G UAACAAAG	13013	CTTTGTTA GGCTAGCTACAACGA GGAGGACC	33395
6190	4840	GUAACAAA G UCGAUCCU	13014	AGGATCGA GGCTAGCTACAACGA TTTGTTAC	33396
6209	4821	UUGACACU G CCCCAGUA	13015	TACTGGGG GGCTAGCTACAACGA AGTGTCAA	
					33397
6215	4815	CUGCCCCA G UAUGGGUC	13016	GACCCATA GGCTAGCTACAACGA TGGGGCAG	33398
6221	4809	CAGUAUGG G UCCAGGCG	13017	CGCCTGGA GGCTAGCTACAACGA CCATACTG	33399
6227	4803	GGGUCCAG G CGGCCCUC	13018	GAGGGCCG GGCTAGCTACAACGA CTGGACCC	33400
6230	4800	UCCAGGCG G CCCUCUCC	13019	GGAGAGGG GGCTAGCTACAACGA CGCCTGGA	33401
6239	4791	CCCUCUCC G CUCAUCAA	13020	TTGATGAG GGCTAGCTACAACGA GGAGAGGG	33402
6249	4781	UCAUCAAA G CGGCUCCU	13021	AGGAGCCG GGCTAGCTACAACGA TTTGATGA	<u> </u>
6252					33403
	4778	UCAAAGCG G CUCCUUUU	13022	AAAAGGAG GGCTAGCTACAACGA CGCTTTGA	33404
6261	4769	CUCCUUUU G UUGUAUGC	13023	GCATACAA GGCTAGCTACAACGA AAAAGGAG	33405
6264	4766	CUUUUGUU G UAUGCCAA	13024	TTGGCATA GGCTAGCTACAACGA AACAAAAG	33406
6268	4762	UGUUGUAU G CCAAAGGG	13025	CCCTTTGG GGCTAGCTACAACGA ATACAACA	33407
6276	4754	GCCAAAGG G UGUGGAAA	13026	TTTCCACA GGCTAGCTACAACGA CCTTTGGC	33408
6278	4752	CAAAGGGU G UGGAAAAC	13027	GTTTTCCA GGCTAGCTACAACGA ACCCTTTG	
6302					33409
	4728	ACCAUCAC G CCCGCUCC	13028	GGAGCGGG GGCTAGCTACAACGA GTGATGGT	33410
6306	4724	UCACGCCC G CUCCUGCU	13029	AGCAGGAG GGCTAGCTACAACGA GGGCGTGA	33411
6312	4718	CCGCUCCU G CUUGAUAA	13030	TTATCAAG GGCTAGCTACAACGA AGGAGCGG	33412
6323	4707	UGAUAACU G CCGAGCAG	13031	CTGCTCGG GGCTAGCTACAACGA AGTTATCA	33413
6328	4702	ACUGCCGA G CAGCCCAC	13032	GTGGGCTG GGCTAGCTACAACGA TCGGCAGT	33414
6331	4699	GCCGAGCA G CCCACGAG	13033	CTCGTGGG GGCTAGCTACAACGA TGCTCGGC	33415
6339	4691	GCCACGA G UCAUGAUC	13034		<del></del>
				GATCATGA GGCTAGCTACAACGA TCGTGGGC	33416
6350	4680	AUGAUCCU G UAGACGCC	13035	GGCGTCTA GGCTAGCTACAACGA AGGATCAT	33417
6356	4674	CUGUAGAC G CCGGUGGU	13036	ACCACCGG GGCTAGCTACAACGA GTCTACAG	33418
6360	4670	AGACGCCG G UGGUCGUG	13037	CACGACCA GGCTAGCTACAACGA CGGCGTCT	33419
6363	4667	CGCCGGUG G UCGUGUCC	13038	GGACACGA GGCTAGCTACAACGA CACCGGCG	33420
6366	4664	CGGUGGUC G UGUCCCCC	13039	GGGGGACA GGCTAGCTACAACGA GACCACCG	33421
6368	4662	GUGGUCGU G UCCCCCUU	13040	AAGGGGGA GGCTAGCTACAACGA ACGACCAC	
6380	4650				33422
<del></del>		CCCUUUUU G UACUCCUU	13041	AAGGAGTA GGCTAGCTACAACGA AAAAAGGG	33423
6391	4639	CUCCUUUG G UGAGGGAG	13042	CTCCCTCA GGCTAGCTACAACGA CAAAGGAG	33424
6399	4631	GUGAGGGA G UGUCCCAC	13043	GTGGGACA GGCTAGCTACAACGA TCCCTCAC	33425
6401	4629	GAGGGAGU G UCCCACAA	13044	TTGTGGGA GGCTAGCTACAACGA ACTCCCTC	33426
6413	4617	CACAACAC G CCUCCUCU	13045	AGAGGAGG GGCTAGCTACAACGA GTGTTGTG	33427
6426	4604	CUCUCUUU G UGUAUUGG	13046	CCAATACA GGCTAGCTACAACGA AAAGAGAG	
6428	4602	CUCUUUGU G UAUUGGAG			33428
			13047	CTCCAATA GGCTAGCTACAACGA ACAAAGAG	33429
6438	4592	AUUGGAGA G UUAUCCAA	13048	TTGGATAA GGCTAGCTACAACGA TCTCCAAT	33430
6463	4567	UACUGAGG G CAAGAUUG	13049	CAATCTTG GGCTAGCTACAACGA CCTCAGTA	33431
6471	4559	GCAAGAUU G CCCAGGGG	13050	CCCCTGGG GGCTAGCTACAACGA AATCTTGC	33432
6480	4550	CCCAGGGG G UGUACGCA	13051	TGCGTACA GGCTAGCTACAACGA CCCCTGGG	33433
6482	4548	CAGGGGGU G UACGCACU	13052	AGTGCGTA GGCTAGCTACAACGA ACCCCCTG	33434
6486	4544	GGGUGUAC G CACUAAUC	13053	GATTAGTG GGCTAGCTACAACGA GTACACCC	
6495	4535	CACUAAUC G CGAGACAG			33435
h			13054	CTGTCTCG GGCTAGCTACAACGA GATTAGTG	33436
6514	4516	CAUUCUGA G CAUCCAUA	13055	TATGGATG GGCTAGCTACAACGA TCAGAATG	33437
6532	4498	CUUCCAAG G UGCUCCUG	13056	CAGGAGCA GGCTAGCTACAACGA CTTGGAAG	33438
6534	4496	UCCAAGGU G CUCCUGGA	13057	TCCAGGAG GGCTAGCTACAACGA ACCTTGGA	33439
6553	4477	AUUCAUGA G CUGGAAGU	13058	ACTICCAG GGCTAGCTACAACGA TCATGAAT	33440
6560	4470	AGCUGGAA G UUUCCAUC	13059	GATGGAAA GGCTAGCTACAACGA TTCCAGCT	
6577	4453	AUCAUCAA G CCGCACAU		<del></del>	33441
<del></del>			13060	ATGTGCGG GGCTAGCTACAACGA TTGATGAT	33442
6580	4450	AUCAAGCC G CACAUCAA	13061	TTGATGTG GGCTAGCTACAACGA GGCTTGAT	33443
6596	4434	ACUCUUUC G CUCGAGCC	13062	GGCTCGAG GGCTAGCTACAACGA GAAAGAGT	33444
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6602	4428	UCGCUCGA G CCUGUAAU	13063	ATTACAGG GGCTAGCTACAACGA TCGAGCGA	33445
6606	4424	UCGAGCCU G UAAUUUCU	13064	AGAAATTA GGCTAGCTACAACGA AGGCTCGA	33446
6615	4415	UAAUUUCU G CAUCACUU	13065	AAGTGATG GGCTAGCTACAACGA AGAAATTA	33447
6635	4395	CAGGAAAU G UCCGCCGU	13066	ACGCCGGA GGCTAGCTACAACGA ATTTCCTG	33448
<u> </u>		AAAUGUCC G CCGUUCUC	<del></del>	GAGAACGG GGCTAGCTACAACGA GGACATTT	33449
6639	4391		13067		
6642	4388	UGUCCGCC G UUCUCUCA	13068	TGAGAGAA GGCTAGCTACAACGA GGCGGACA	33450
6663	4367	ACAUAUCU G UUGAUUUC	13069	GAAATCAA GGCTAGCTACAACGA AGATATGT	33451
6687	4343	UCACGAAA G CAGCAAAC	13070	GTTTGCTG GGCTAGCTACAACGA TTTCGTGA	33452
6690	4340	CGAAAGCA G CAAACAUG	13071	CATGTTTG GGCTAGCTACAACGA TGCTTTCG	33453
6700	4330	AAACAUGA G CCCCGCGA	13072	TCGCGGGG GGCTAGCTACAACGA TCATGTTT	33454
6705	4325	UGAGCCCC G CGAUAGUC	13073	GACTATCG GGCTAGCTACAACGA GGGGCTCA	33455
6711	4319	CCGCGAUA G UCAUUGGA	13074	TCCAATGA GGCTAGCTACAACGA TATCGCGG	33456
6723	4307	UUGGAAUG G CCAUGGAG	13075	CTCCATGG GGCTAGCTACAACGA CATTCCAA	33457
-	4299	GCCAUGGA G UCAAUGUC	13076	GACATTGA GGCTAGCTACAACGA TCCATGGC	33458
6731			<del></del>		
6737	4293	GAGUCAAU G UCAAGCUC	13077	GAGCTTGA GGCTAGCTACAACGA ATTGACTC	33459
6742	4288	AAUGUCAA G CUCUGCCA	13078	TGGCAGAG GGCTAGCTACAACGA TTGACATT	33460
6747	4283	CAAGCUCU G CCAGCCCU	13079	AGGGCTGG GGCTAGCTACAACGA AGAGCTTG	33461
6751	4279	CUCUGCCA G CCCUCCGA	13080	TCGGAGGG GGCTAGCTACAACGA TGGCAGAG	33462
6765	4265	CGACGAUG G CAAACAUU	13081	AATGTTTG GGCTAGCTACAACGA CATCGTCG	33463
6776	4254	AACAUUAG G CCGACAGC	13082	GCTGTCGG GGCTAGCTACAACGA CTAATGTT	33464
6783	4247	GGCCGACA G CUGUCAUC	13083	GATGACAG GGCTAGCTACAACGA TGTCGGCC	33465
6786	4244	CGACAGCU G UCAUCACU	13084	AGTGATGA GGCTAGCTACAACGA AGCTGTCG	33466
6798	4232	UCACUUCA G UUGCGGGC	13085	GCCCGCAA GGCTAGCTACAACGA TGAAGTGA	33467
6801	4229	CUUCAGUU G CGGGCCAU	13086	ATGGCCCG GGCTAGCTACAACGA AACTGAAG	33468
		AGUUGCGG G CCAUCCGC	13087		
6805	4225		ļ	GCGGATGG GGCTAGCTACAACGA CCGCAACT	33469
6812	4218	GGCCAUCC G CGUUUACG	13088	CGTAAACG GGCTAGCTACAACGA GGATGGCC	33470
6814	4216	CCAUCCGC G UUUACGGU	13089	ACCGTAAA GGCTAGCTACAACGA GCGGATGG	33471
6821	4209	CGUUUACG G UUGGGAUC	13090	GATCCCAA GGCTAGCTACAACGA CGTAAACG	33472
6834	4196	GAUCACAU G CAAUCAGU	13091	ACTGATTG GGCTAGCTACAACGA ATGTGATC	33473
6841	4189	UGCAAUCA G UCCAGCAG	13092	CTGCTGGA GGCTAGCTACAACGA TGATTGCA	33474
6846	4184	UCAGUCCA G CAGCAAGG	13093	CCTTGCTG GGCTAGCTACAACGA TGGACTGA	33475
6849	4181	GUCCAGCA G CAAGGAUC	13094	GATCCTTG GGCTAGCTACAACGA TGCTGGAC	33476
6863	4167	AUCAUGGG G UUGAAAAG	13095	CTTTTCAA GGCTAGCTACAACGA CCCATGAT	33477
6871	4159	GUUGAAAA G UCCUGUUG	13096	CAACAGGA GGCTAGCTACAACGA TTTTCAAC	33478
6876	4154	AAAGUCCU G UUGAGGCU	13097	AGCCTCAA GGCTAGCTACAACGA AGGACTTT	33479
		CUGUUGAG G CUAGAGCC			
6882	4148		13098	GGCTCTAG GGCTAGCTACAACGA CTCAACAG	33480
6888	4142	AGGCUAGA G CCAAGCAU	13099	ATGCTTGG GGCTAGCTACAACGA TCTAGCCT	33481
6893	4137	AGAGCCAA G CAUAGCAG	13100	CTGCTATG GGCTAGCTACAACGA TTGGCTCT	33482
6898	4132	CAAGCAUA G CAGACUUG	13101	CAAGTCTG GGCTAGCTACAACGA TATGCTTG	33483
6906	4124	GCAGACUU G CUCCUUUC	13102	GAAAGGAG GGCTAGCTACAACGA AAGTCTGC	33484
6921	4109	UCUUUUUU G CAGCUGCA	13103	TGCAGCTG GGCTAGCTACAACGA AAAAAAGA	33485
6924	4106	UUUUUGCA G CUGCACUC	13104	GAGTGCAG GGCTAGCTACAACGA TGCAAAAA	33486
6927	4103	UUGCAGCU G CACUCCUC	13105		33487
6950	4080	CUGAUCAA G CUGCCUAU	13106		33488
6953	4077	AUCAAGCU G CCUAUUCC	13107		33489
6973	4057	CAUCAACA G CAGUAUCC	13108		
		CAACAGCA G UAUCCUGU			33490
6976	4054		13109		33491
6983	4047	AGUAUCCU G UACACAUC	13110	GATGTGTA GGCTAGCTACAACGA AGGATACT	33492
7001	4029	AGAUUCAA G CAUCUCAG	13111		33493
7009	4021	GCAUCUCA G CCCGGGUG	13112	CACCCGGG GGCTAGCTACAACGA TGAGATGC	33494
7015	4015	CAGCCCGG G UGUUAGCA	13113	TGCTAACA GGCTAGCTACAACGA CCGGGCTG	33495
7017	4013	GCCCGGGU G UUAGCAGG	13114	CCTGCTAA GGCTAGCTACAACGA ACCCGGGC	33496
7021	4009	GGGUGUUA G CAGGGCUA	13115		33497
7026	4004	UUAGCAGG G CUAGCAGC	13116		33498
7030	4000	CAGGGCUA G CAGCGGAA	13117		33499
7033	3997	GGCUAGCA G CGGAACAA	13118		33500
7046	3984	ACAACCAC G UUUGAUGU		<del></del>	
			13119		33501
7053	3977	CGUUUGAU G UCGUUGUG	13120	CACAACGA GGCTAGCTACAACGA ATCAAACG	33502
7056	3974	UUGAUGUC G UUGUGAAU	13121	ATTCACAA GGCTAGCTACAACGA GACATCAA	33503
7059	3971	AUGUCGUU G UGAAUGUU	13122	AACATTCA GGCTAGCTACAACGA AACGACAT	33504
7065	3965	UUGUGAAU G UUAUGGCU	13123	AGCCATAA GGCTAGCTACAACGA ATTCACAA	33505
7071	3959	AUGUUAUG G CUCUCAGU	13124	ACTGAGAG GGCTAGCTACAACGA CATAACAT	33506
7078	3952	GGCUCUCA G UAUCAUCC	13125	<del></del>	33507
		<del></del>			

7089	3941	UCAUCCAA G CUACCGCC	13126	GGCGGTAG GGCTAGCTACAACGA TTGGATGA	33508
7095	3935	AAGCUACC G CCAGUGAA	13127	TTCACTGG GGCTAGCTACAACGA GGTAGCTT	33509
7099	3931	UACCGCCA G UGAAUUCA	13128	TGAATTCA GGCTAGCTACAACGA TGGCGGTA	33510
7129	3901	CUCCCAGA G CAGAAUUU	13129	AAATTCTG GGCTAGCTACAACGA TCTGGGAG	33511
7139	3891	AGAAUUUG G CGGGCAUC	13130	GATGCCCG GGCTAGCTACAACGA CAAATTCT	33512
7143	3887	UUUGGCGG G CAUCGUGA	13131	TCACGATG GGCTAGCTACAACGA CCGCCAAA	33513
7148	3882	CGGGCAUC G UGAUAAGC	13132	GCTTATCA GGCTAGCTACAACGA GATGCCCG	33514
7155	3875	CGUGAUAA G CCAUUUGA	13133	TCAAATGG GGCTAGCTACAACGA TTATCACG	33515
7173	3857	AGAAAACA G CCGCCAAC	13134	GTTGGCGG GGCTAGCTACAACGA TGTTTTCT	33516
7176	3854	AAACAGCC G CCAACAUC	13135	GATGTTGG GGCTAGCTACAACGA GGCTGTTT	33517
7193	3837	AACAAAAU G UUCUCCUG	13136	CAGGAGAA GGCTAGCTACAACGA ATTTTGTT	33518
-				TGGACCAA GGCTAGCTACAACGA CAGGAGAA	
7202	3828	UUCUCCUG G UUGGUCCA	13137		33519
7206	3824	CCUGGUUG G UCCAUCUC	13138	GAGATGGA GGCTAGCTACAACGA CAACCAGG	33520
7215	3815	UCCAUCUC G CUUUGAGA	13139	TCTCAAAG GGCTAGCTACAACGA GAGATGGA	33521
7230	3800	GAAACGAU G CCACCAUA	13140	TATGGTGG GGCTAGCTACAACGA ATCGTTTC	33522
7246	3784	AAACACUG G UUGUAUCU	13141	AGATACAA GGCTAGCTACAACGA CAGTGTTT	33523
7249	3781	CACUGGUU G UAUCUUGA	13142	TCAAGATA GGCTAGCTACAACGA AACCAGTG	33524
7260	3770	UCUUGAAG G UCGCCAUG	13143	CATGGCGA GGCTAGCTACAACGA CTTCAAGA	33525
7263	3767	UGAAGGUC G CCAUGAGC	13144	GCTCATGG GGCTAGCTACAACGA GACCTTCA	33526
7270	3760	CGCCAUGA G CGCCAAGU	13145	ACTTGGCG GGCTAGCTACAACGA TCATGGCG	33527
7272	3758	CCAUGAGC G CCAAGUGU	13146	ACACTTGG GGCTAGCTACAACGA GCTCATGG	33528
7277	3753	AGCGCCAA G UGUACCAC	13147	GTGGTACA GGCTAGCTACAACGA TTGGCGCT	33529
7279	3751	CGCCAAGU G UACCACGU	13148	ACGTGGTA GGCTAGCTACAACGA ACTTGGCG	33530
7286	3744	UGUACCAC G UCUCCUCC	13149	GGAGGAGA GGCTAGCTACAACGA GTGGTACA	33531
7308	3722	UAGAUUCU G CGAAAGCU	13150	AGCTTTCG GGCTAGCTACAACGA AGAATCTA	33532
7314	3716	CUGCGAAA G CUGCCCCC	13151	GGGGCAG GGCTAGCTACAACGA TTTCGCAG	33533
7317	3713	CGAAAGCU G CCCCCACC	13152	GGTGGGG GGCTAGCTACAACGA AGCTTTCG	33534
7337	3693	AUGACAUA G CGUAACAC	13153	GTGTTACG GGCTAGCTACAACGA TATGTCAT	33535
7339	3691	GACAUAGC G UAACACAU	13154	ATGTGTTA GGCTAGCTACAACGA GCTATGTC	
7350	3680	ACACAUCA G UGUAAGUA	-	TACTTACA GGCTAGCTACAACGA TGATGTGT	33536
			13155		33537
7352	3678	ACAUCAGU G UAAGUAAU	13156	ATTACTTA GGCTAGCTACAACGA ACTGATGT	33538
7356	3674	CAGUGUAA G UAAUGCCC	13157	GGGCATTA GGCTAGCTACAACGA TTACACTG	33539
7361	3669	UAAGUAAU G CCCCCAAA	13158	TTTGGGGG GGCTAGCTACAACGA ATTACTTA	33540
7381	3649	CAGGACUA G CAGAGCAA	13159	TTGCTCTG GGCTAGCTACAACGA TAGTCCTG	33541
7386	3644	CUAGCAGA G CAAUCAGU	13160	ACTGATTG GGCTAGCTACAACGA TCTGCTAG	33542
7393	3637	AGCAAUCA G UAUAGCUG	13161	CAGCTATA GGCTAGCTACAACGA TGATTGCT	33543
7398	3632	UCAGUAUA G CUGGCAUG	13162	CATGCCAG GGCTAGCTACAACGA TATACTGA	33544
7402	3628	UAUAGCUG G CAUGCUGA	13163	TCAGCATG GGCTAGCTACAACGA CAGCTATA	33545
7406	3624	GCUGGCAU G CUGAUCUU	13164	AAGATCAG GGCTAGCTACAACGA ATGCCAGC	33546
7416	3614	UGAUCUUG G CUGUCCAC	13165	GTGGACAG GGCTAGCTACAACGA CAAGATCA	33547
7419	3611	UCUUGGCU G UCCACCUC	13166	GAGGTGGA GGCTAGCTACAACGA AGCCAAGA	33548
7430	3600	CACCUCUU G CGAAGGAC	13167	GTCCTTCG GGCTAGCTACAACGA AAGAGGTG	33549
7446	3584	CCUCCUGG G UGGCCAAG	13168	CTTGGCCA GGCTAGCTACAACGA CCAGGAGG	33550
7449	3581	CCUGGGUG G CCAAGAAC	13169	GTTCTTGG GGCTAGCTACAACGA CACCCAGG	33551
7469	3561	ACCAGAAG G CCCAACUG	13170	CAGTTGGG GGCTAGCTACAACGA CTTCTGGT	33552
7484	3546	UGAAAAGG G UCAAUCAU	13171	ATGATTGA GGCTAGCTACAACGA CCTTTTCA	33553
7497	3533	UCAUAUCA G CAUUAUAA	13172	TTATAATG GGCTAGCTACAACGA TGATATGA	33554
7506	3524	CAUUAUAA G CAUUCACU	13173	AGTGAATG GGCTAGCTACAACGA TTATAATG	33555
7516	3514	AUUCACUU G UGACUGCA	13174	TGCAGTCA GGCTAGCTACAACGA AAGTGAAT	
7522	3508	UUGUGACU G CACGAGGG	13174		33556
7530	3500	GCACGAGG G UCUUUUCA		CCCTCGTG GGCTAGCTACAACGA AGTCACAA	33557
-			13176	TGAAAAGA GGCTAGCTACAACGA CCTCGTGC	33558
7543	3487	UUCAUCAU G UCUCUGUG	13177	CACAGAGA GGCTAGCTACAACGA ATGATGAA	33559
7549	3481	AUGUCUCU G UGGUCUGA	13178	TCAGACCA GGCTAGCTACAACGA AGAGACAT	33560
7552	3478	UCUCUGUG G UCUGAUCU	13179	AGATCAGA GGCTAGCTACAACGA CACAGAGA	33561
7577	3453	UACCAACA G CCGCUGUC	13180	GACAGCGG GGCTAGCTACAACGA TGTTGGTA	33562
7580	3450	CAACAGCC G CUGUCAGU	13181	ACTGACAG GGCTAGCTACAACGA GGCTGTTG	33563
7583	3447	CAGCCGCU G UCAGUUUG	13182	CAAACTGA GGCTAGCTACAACGA AGCGGCTG	33564
7587	3443	CGCUGUCA G UUUGGUAG	13183	CTACCAAA GGCTAGCTACAACGA TGACAGCG	33565
7592	3438	UCAGUUUG G UAGCGCAG	13184	CTGCGCTA GGCTAGCTACAACGA CAAACTGA	33566
7595	3435	GUUUGGUA G CGCAGUGG	13185	CCACTGCG GGCTAGCTACAACGA TACCAAAC	33567
7597	3433	UUGGUAGC G CAGUGGUG	13186	CACCACTG GGCTAGCTACAACGA GCTACCAA	33568
7600	3430	GUAGCGCA G UGGUGGUA	13187	TACCACCA GGCTAGCTACAACGA TGCGCTAC	33569
7603	3427	GCGCAGUG G UGGUAAGG	13188	CCTTACCA GGCTAGCTACAACGA CACTGCGC	33570
			لتتحصا		

W	) 02/068637		Table XI	PC1/USU1/4835U	
7606	3424	CAGUGGUG G UAAGGUGC	13189	GCACCTTA GGCTAGCTACAACGA CACCACTG	33571
7611	3419	GUGGUAAG G UGCAGCUC	13190	GAGCTGCA GGCTAGCTACAACGA CTTACCAC	33572
7613	3417	GGUAAGGU G CAGCUCCU	13191	AGGAGCTG GGCTAGCTACAACGA ACCTTACC	33573
7616	3414	AAGGUGCA G CUCCUGCA	13192	TGCAGGAG GGCTAGCTACAACGA TGCACCTT	33574
7622	3408	CAGCUCCU G CAGCACCA	13193	TGGTGCTG GGCTAGCTACAACGA AGGAGCTG	33575
7625	3405	CUCCUGCA G CACCAAUC	13194	GATTGGTG GGCTAGCTACAACGA TGCAGGAG	33576
7635	3395	ACCAAUCU G UUAUCAAC	13195	GTTGATAA GGCTAGCTACAACGA AGATTGGT	33577
7649	3381	AACUUUCC G CUCUCUGU	13196	ACAGAGAG GGCTAGCTACAACGA GGAAAGTT	33578
		CGCUCUCU G UGGUGGUG	13197	CACCACCA GGCTAGCTACAACGA AGAGAGCG	33579
7656 7659	3374	UCUCUGUG G UGGUGCGA	13198	TCGCACCA GGCTAGCTACAACGA CACAGAGA	33580
	3371	CUGUGGUG G UGCGAGUG	13199	CACTCGCA GGCTAGCTACAACGA CACCACAG	33581
7662	3368		<del></del>	GCCACTCG GGCTAGCTACAACGA CACCACAG	33582
7664	3366	GUGGUGGU G CGAGUGGC	13200		
7668	3362	UGGUGCGA G UGGCAGGU	13201	ACCTGCCA GGCTAGCTACAACGA TCGCACCA	33583
7671	3359	UGCGAGUG G CAGGUCCA	13202	TGGACCTG GGCTAGCTACAACGA CACTCGCA	33584
7675	3355	AGUGGCAG G UCCACGGU	13203	ACCGTGGA GGCTAGCTACAACGA CTGCCACT	33585
7682	3348	GGUCCACG G UGUCCGCA	13204	TGCGGACA GGCTAGCTACAACGA CGTGGACC	33586
7684	3346	UCCACGGU G UCCGCAGC	13205	GCTGCGGA GGCTAGCTACAACGA ACCGTGGA	33587
7688	3342	CGGUGUCC G CAGCUCUC	13206	GAGAGCTG GGCTAGCTACAACGA GGACACCG	33588
7691	3339	UGUCCGCA G CUCUCACU	13207	AGTGAGAG GGCTAGCTACAACGA TGCGGACA	33589
7704	3326	CACUCAGG G UGACCGUA	13208	TACGGTCA GGCTAGCTACAACGA CCTGAGTG	33590
7710	3320	GGGUGACC G UAGUUCCU	13209	AGGAACTA GGCTAGCTACAACGA GGTCACCC	33591
7713	3317	UGACCGUA G UUCCUGGG	13210	CCCAGGAA GGCTAGCTACAACGA TACGGTCA	33592
7721	3309	GUUCCUGG G CAGUAAUC	13211	GATTACTG GGCTAGCTACAACGA CCAGGAAC	33593
7724	3306	CCUGGGCA G UAAUCGAA	13212	TTCGATTA GGCTAGCTACAACGA TGCCCAGG	33594
7733	3297	UAAUCGAA G UCAAUCUC	13213	GAGATTGA GGCTAGCTACAACGA TTCGATTA	33595
7748	3282	UCUACCCG G CCUUCGUC	13214	GACGAAGG GGCTAGCTACAACGA CGGGTAGA	33596
7754	3276	CGGCCUUC G UCCCAUGG	13215	CCATGGGA GGCTAGCTACAACGA GAAGGCCG	33597
7763	3267	UCCCAUGG G CCCUGGUU	13216	AACCAGGG GGCTAGCTACAACGA CCATGGGA	33598
7769	3261	GGGCCCUG G UUUUGUGU	13217	ACACAAAA GGCTAGCTACAACGA CAGGGCCC	33599
7774	3256	CUGGUUUU G UGUCUUGU	13218	ACAAGACA GGCTAGCTACAACGA AAAACCAG	33600
7776	3254	GGUUUUGU G UCUUGUAC	13219	GTACAAGA GGCTAGCTACAACGA ACAAAACC	33601
7781	3249	UGUGUCUU G UACCCAGG	13220	CCTGGGTA GGCTAGCTACAACGA AAGACACA	33602
7789	3241	GUACCCAG G UCUCCGAU	13221	ATCGGAGA GGCTAGCTACAACGA CTGGGTAC	33603
7799	3231	CUCCGAUU G UGAUUGCU	13222	AGCAATCA GGCTAGCTACAACGA AATCGGAG	33604
7805	3225	UUGUGAUU G CUUCGUGG	13223	CCACGAAG GGCTAGCTACAACGA AATCACAA	33605
7810	3220	AUUGCUUC G UGGUCCCG	13224	CGGGACCA GGCTAGCTACAACGA GAAGCAAT	33606
7813	3217	GCUUCGUG G UCCCGCCA	13225	TGGCGGGA GGCTAGCTACAACGA CACGAAGC	33607
7818	3212	GUGGUCCC G CCAGUGUG	13226	CACACTGG GGCTAGCTACAACGA GGGACCAC	33608
7822	3208	UCCCGCCA G UGUGACUG	13227	CAGTCACA GGCTAGCTACAACGA TGGCGGGA	33609
7824	3206	CCGCCAGU G UGACUGGU	13228	ACCAGTCA GGCTAGCTACAACGA ACTGGCGG	33610
7831	3199	UGUGACUG G UAUUAUCA	13229	TGATAATA GGCTAGCTACAACGA CAGTCACA	33611
7841	3189	AUUAUCAA G UCACUCUC	13230	GAGAGTGA GGCTAGCTACAACGA TTGATAAT	33612
7862	3168	AUUCCAUC G CCCCACAA	13231	TTGTGGGG GGCTAGCTACAACGA GATGGAAT	33613
7872	3158	CCCACAAG G UAUGCGUC	13232	GACGCATA GGCTAGCTACAACGA CTTGTGGG	33614
7876	3154	CAAGGUAU G CGUCUCAG	13233	CTGAGACG GGCTAGCTACAACGA ATACCTTG	33615
7878	3152	AGGUAUGC G UCUCAGGC	13234	GCCTGAGA GGCTAGCTACAACGA GCATACCT	33616
7885	3145	CGUCUCAG G CCACGUAC	13235	GTACGTGG GGCTAGCTACAACGA CTGAGACG	33617
7890	3140	CAGGCCAC G UACAUGAU	13236	ATCATGTA GGCTAGCTACAACGA GTGGCCTG	33618
7917	3113	CCAGAACU G CCCUUUCA	13237	TGAAAGGG GGCTAGCTACAACGA AGTTCTGG	33619
7927	3103	CCUUUCAA G CUUCCACG	13238	CGTGGAAG GGCTAGCTACAACGA TTGAAAGG	33620
7935	3095	GCUUCCAC G UAUCAUUG	13239	CAATGATA GGCTAGCTACAACGA GTGGAAGC	33621
7945	3085	AUCAUUGA G CCUGCUUU	13240	AAAGCAGG GGCTAGCTACAACGA TCAATGAT	33622
7949	3081	UUGAGCCU G CUUUCAAU	13241	ATTGAAAG GGCTAGCTACAACGA AGGCTCAA	33623
7970	3060	UAGGACAG G UCACUGUG	13242	CACAGTGA GGCTAGCTACAACGA CTGTCCTA	33624
7976	3054	AGGUCACU G UGGAUCGC	13243	GCGATCCA GGCTAGCTACAACGA AGTGACCT	33625
7983	3047	UGUGGAUC G CCAAGUUG	13244	CAACTTGG GGCTAGCTACAACGA GATCCACA	33626
7988	3047	AUCGCCAA G UUGUUCUU	13244	AAGAACAA GGCTAGCTACAACGA TTGGCGAT	33627
7991	3039	GCCAAGUU G UUCUUGAC	13245	GTCAAGAA GGCTAGCTACAACGA AACTTGGC	33627
8001	3029	UCUUGACA G CCGUUCCA	13246	TGGAACGG GGCTAGCTACAACGA TGTCAAGA	
8001	3029	UGACAGCC G UUCCAAUG	13247		33629
8021	3026	AUCUUCGA G UCACAUUC	<b>├</b> ──	CATTGGAA GGCTAGCTACAACGA GGCTGTCA	33630
8031	2999	CACAUUCA G UUGUGUUG	13249	GAATGTGA GGCTAGCTACAACGA TCGAAGAT CAACACAA GGCTAGCTACAACGA TGAATGTG	33631
8034	2996	AUUCAGUU G UGUUGCUC	13250		33632
0034	2330	mochado a ogoogcoc	13251	GAGCAACA GGCTAGCTACAACGA AACTGAAT	33633

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8036	2994	UCAGUUGU G UUGCUCUC	13252	GAGAGCAA GGCTAGCTACAACGA ACAACTGA	33634
8039	2991	GUUGUGUU G CUCUCUCU	13253	AGAGAGAG GGCTAGCTACAACGA AACACAAC	33635
8067	2963	ACAUCCGA G UGCUGGUG	13254	CACCAGCA GGCTAGCTACAACGA TCGGATGT	33636
8069	2961	AUCCGAGU G CUGGUGAG	13255	CTCACCAG GGCTAGCTACAACGA ACTCGGAT	33637
8073	2957	GAGUGCUG G UGAGACCA	13256	TGGTCTCA GGCTAGCTACAACGA CAGCACTC	33638
8105	2925	ACUUCUAA G CUAUUCCA	13257	TGGAATAG GGCTAGCTACAACGA TTAGAAGT	33639
8115	2915	UAUUCCAA G CGCGAUUC	13258	GAATCGCG GGCTAGCTACAACGA TTGGAATA	33640
8117	2913	UUCCAAGC G CGAUUCUG	13259	CAGAATCG GGCTAGCTACAACGA GCTTGGAA	33641
8127	2903	GAUUCUGA G UCGGACAU	13260	ATGTCCGA GGCTAGCTACAACGA TCAGAATC	33642
8142	2888	AUUCCUUG G UCUCCGGA	13261	TCCGGAGA GGCTAGCTACAACGA CAAGGAAT	33643
8166	2864	CCACAAAG G UGUUGUUG	13262	CAACAACA GGCTAGCTACAACGA CTTTGTGG	33644
8168	2862	ACAAAGGU G UUGUUGGC	13263	GCCAACAA GGCTAGCTACAACGA ACCTTTGT	33645
8171	2859	AAGGUGUU G UUGGCGAG	13264	CTCGCCAA GGCTAGCTACAACGA AACACCTT	33646
8175	2855	UGUUGUUG G CGAGUUCU	13265	AGAACTCG GGCTAGCTACAACGA CAACAACA	33647
8179	2851	GUUGGCGA G UUCUGGUG	13266	CACCAGAA GGCTAGCTACAACGA TCGCCAAC	33648
8185	2845	GAGUUCUG G UGCAAAUA	13267	TATTTGCA GGCTAGCTACAACGA CAGAACTC	33649
	2843	GUUCUGGU G CAAAUAAA	13268	TTTATTTG GGCTAGCTACAACGA ACCAGAAC	
8187			<del></del>		33650
8211	2819	UUCCCCAG G CCUUCCAG	13269	CTGGAAGG GGCTAGCTACAACGA CTGGGGAA	33651
8219	2811	GCCUUCCA G CCAAUUUC	13270	GAAATTGG GGCTAGCTACAACGA TGGAAGGC	33652
8238	2792	AUUUUUCC G UGGUGGCG	13271	CGCCACCA GGCTAGCTACAACGA GGAAAAAT	33653
8241	2789	UUUCCGUG G UGGCGGUG	13272	CACCGCCA GGCTAGCTACAACGA CACGGAAA	33654
8244	2786	CCGUGGUG G CGGUGAGG	13273	CCTCACCG GGCTAGCTACAACGA CACCACGG	33655
8247	2783	UGGUGGCG G UGAGGCGU	13274	ACGCCTCA GGCTAGCTACAACGA CGCCACCA	33656
8252	2778	GCGGUGAG G CGUUUAGG	13275	CCTAAACG GGCTAGCTACAACGA CTCACCGC	33657
8254	2776	GGUGAGGC G UUUAGGUG	13276	CACCTAAA GGCTAGCTACAACGA GCCTCACC	33658
8260	2770	GCGUUUAG G UGCUGACU	13277	AGTCAGCA GGCTAGCTACAACGA CTAAACGC	33659
8262	2768	GUUUAGGU G CUGACUUG	13278	CAAGTCAG GGCTAGCTACAACGA ACCTAAAC	33660
8270	2760	GCUGACUU G UACAUUCC	13279	GGAATGTA GGCTAGCTACAACGA AAGTCAGC	33661
8284	2746	UCCCUCCU G UUUCUCAA	13280	TTGAGAAA GGCTAGCTACAACGA AGGAGGGA	33662
8306	2724	ACACUAAG G UCCACACC	13281	GGTGTGGA GGCTAGCTACAACGA CTTAGTGT	33663
8331	2699	UCAAAAGA G UGUUCAGC	13282	GCTGAACA GGCTAGCTACAACGA TCTTTTGA	33664
8333	2697	AAAAGAGU G UUCAGCUC	13283	GAGCTGAA GGCTAGCTACAACGA ACTCTTTT	33665
8338	2692	AGUGUUCA G CUCGUCCU	13284	AGGACGAG GGCTAGCTACAACGA TGAACACT	33666
8342	2688	UUCAGCUC G UCCUUCAC	13285	GTGAAGGA GGCTAGCTACAACGA GAGCTGAA	33667
8352	2678	CCUUCACU G CUUCCCAC	13286	GTGGGAAG GGCTAGCTACAACGA AGTGAAGG	33668
8368	2662	CAUUUGAU G CUCCAGUC	13287	GACTGGAG GGCTAGCTACAACGA ATCAAATG	33669
8374	2656	AUGCUCCA G UCUGGAAA	13288	TTTCCAGA GGCTAGCTACAACGA TGGAGCAT	33670
8389	2641	AACUGAUC G UAGACCGC	13289	GCGGTCTA GGCTAGCTACAACGA GATCAGTT	33671
8396	2634	CGUAGACC G CACACUCC	13290	GGAGTGTG GGCTAGCTACAACGA GGTCTACG	33672
8415	2615	CCUUAUGA G CUUUCUGA	13291	TCAGAAAG GGCTAGCTACAACGA TCATAAGG	33673
8433	2597	UGAUCUUG G CUAGGCCU	13292	AGGCCTAG GGCTAGCTACAACGA CAAGATCA	33674
8438	2592	UUGGCUAG G CCUUGUGG	13293		33675
8443	2587	UAGGCCUU G UGGCGUUU	13294		33676
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8448	2582	CUUGUGGC G UUUCAGGG	13296	<del></del>	33677
8456	2574	GUUUCAGG G UAAUACUU	13297		33678
				<del></del>	33679
8465	2565	UAAUACUU G UACCGGUC	13298		33680
8471	2559	UUGUACCG G UCCAUCCA	13299		33681
8481	2549	CCAUCCAA G CCUCCACA	13300		33682
8495	2535	ACAUCAUU G UGUAUGAA	13301	TTCATACA GGCTAGCTACAACGA AATGATGT	33683
8497	2533	AUCAUUGU G UAUGAACA	13302		33684
8524	2506	ACAUCUCA G CUCUUGCC	13303		33685
8530	2500	CAGCUCUU G CCGGCUGA	13304		33686
8534	2496	UCUUGCCG G CUGAUGUC	13305		33687
8540	2490	CGGCUGAU G UCUAUGGC	13306	GCCATAGA GGCTAGCTACAACGA ATCAGCCG	33688
8547	2483	UGUCUAUG G CACACCCA	13307	TGGGTGTG GGCTAGCTACAACGA CATAGACA	33689
8556	2474	CACACCCA G UGUCAGCG	13308	CGCTGACA GGCTAGCTACAACGA TGGGTGTG	33690
8558	2472	CACCCAGU G UCAGCGUG	13309	CACGCTGA GGCTAGCTACAACGA ACTGGGTG	33691
8562	2468	CAGUGUCA G CGUGCACG	13310	CGTGCACG GGCTAGCTACAACGA TGACACTG	33692
8564	2466	GUGUCAGC G UGCACGUU	13311	AACGTGCA GGCTAGCTACAACGA GCTGACAC	33693
8566	2464	GUCAGCGU G CACGUUCA	13312	TGAACGTG GGCTAGCTACAACGA ACGCTGAC	33694
8570	2460	GCGUGCAC G UUCACGGA	13313	<del> </del>	33695
8587	2443	GAGGAAGA G CAGAACUC	13314		33696

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8604	2426	CUCCAACU G CGAGAAAC	13315	GTTTCTCG GGCTAGCTACAACGA AGTTGGAG	33697
8613	2417	CGAGAAAC G UGAGAGCU	13316	AGCTCTCA GGCTAGCTACAACGA GTTTCTCG	33698
8619	2411	ACGUGAGA G CUAUGGAC	13317	GTCCATAG GGCTAGCTACAACGA TCTCACGT	33699
8637	2393	UAUCACGA G CAUUGAUG	13318	CATCAATG GGCTAGCTACAACGA TCGTGATA	33700
8645	2385	GCAUUGAU G CCCAUCCA	13319	TGGATGGG GGCTAGCTACAACGA ATCAATGC	33701
8664	2366	ACAGGAGA G CCCCCAGC	13320	GCTGGGGG GGCTAGCTACAACGA TCTCCTGT	33702
8671	2359	AGCCCCCA G CAAUCCUU	13321	AAGGATTG GGCTAGCTACAACGA TGGGGGCT	33703
8680	2350	CAAUCCUU G CGUUAUCC	13322	GGATAACG GGCTAGCTACAACGA AAGGATTG	33704
8682	2348	AUCCUUGC G UUAUCCAG	13323	CTGGATAA GGCTAGCTACAACGA GCAAGGAT	33705
8696	2334	CAGGACAU G CCUCCGAA	13324	TTCGGAGG GGCTAGCTACAACGA ATGTCCTG	33706
8707	2323	UCCGAACA G UGAGCGGA	13325	TCCGCTCA GGCTAGCTACAACGA TGTTCGGA	33707
		AACAGUGA G CGGAAUGC	13325	GCATTCCG GGCTAGCTACAACGA TCACTGTT	33708
8711	2319			CGGAGGAG GGCTAGCTACAACGA ATTCCGCT	33708
8718	2312	AGCGGAAU G CUCCUCCG	13327		
8742	2288	GAUGGACA G CCUUCCCA	13328	TGGGAAGG GGCTAGCTACAACGA TGTCCATC	33710
8757	2273	CAACUGAG G UGAACACC	13329	GGTGTTCA GGCTAGCTACAACGA CTCAGTTG	33711
8783	2247	GAUCCAAA G UCCCAAGC	13330	GCTTGGGA GGCTAGCTACAACGA TTTGGATC	33712
8790	2240	AGUCCCAA G CUGUGUCU	13331	AGACACAG GGCTAGCTACAACGA TTGGGACT	33713
8793	2237	CCCAAGCU G UGUCUCCU	13332	AGGAGACA GGCTAGCTACAACGA AGCTTGGG	33714
8795	2235	CAAGCUGU G UCUCCUAG	13333	CTAGGAGA GGCTAGCTACAACGA ACAGCTTG	33715
8805	2225	CUCCUAGA G CGGCUAGU	13334	ACTAGCCG GGCTAGCTACAACGA TCTAGGAG	33716
8808	2222	CUAGAGCG G CUAGUCUC	13335	GAGACTAG GGCTAGCTACAACGA CGCTCTAG	33717
8812	2218	AGCGGCUA G UCUCUGCG	13336	CGCAGAGA GGCTAGCTACAACGA TAGCCGCT	33718
8818	2212	UAGUCUCU G CGCUCCUU	13337	AAGGAGCG GGCTAGCTACAACGA AGAGACTA	33719
8820	2210	GUCUCUGC G CUCCUUUG	13338	CAAAGGAG GGCTAGCTACAACGA GCAGAGAC	33720
8832	2198	CUUUGAGG G UGGUUGUA	13339	TACAACCA GGCTAGCTACAACGA CCTCAAAG	33721
8835	2195	UGAGGGUG G UUGUAAAG	13340	CTTTACAA GGCTAGCTACAACGA CACCCTCA	33722
8838	2192	GGGUGGUU G UAAAGGCU	13341	AGCCTTTA GGCTAGCTACAACGA AACCACCC	33723
8844	2186	UUGUAAAG G CUUUGCCA	13342	TGGCAAAG GGCTAGCTACAACGA CTTTACAA	33724
8849	2181	AAGGCUUU G CCAAUGCU	13343	AGCATTGG GGCTAGCTACAACGA AAAGCCTT	33725
8855	2175	UUGCCAAU G CUGCUUCC	13344	GGAAGCAG GGCTAGCTACAACGA ATTGGCAA	33726
8858	2172	CCAAUGCU G CUUCCAGA	13345	TCTGGAAG GGCTAGCTACAACGA AGCATTGG	33727
8870	2160	CCAGACUU G UGCCAAUG	13346	CATTGGCA GGCTAGCTACAACGA AAGTCTGG	33728
8872	2158	AGACUUGU G CCAAUGGU	13347	ACCATTGG GGCTAGCTACAACGA ACAAGTCT	33729
8879	2151	UGCCAAUG G UGAUUGAU	13348	ATCAATCA GGCTAGCTACAACGA CATTGGCA	33730
8890	2140	AUUGAUCU G UUGUUCUC	13349	GAGAACAA GGCTAGCTACAACGA AGATCAAT	33731
8893	2137	GAUCUGUU G UUCUCCUC	13350	GAGGAGAA GGCTAGCTACAACGA AACAGATC	33732
8903	2127	UCUCCUCU G CCCACCAC	13351	GTGGTGGG GGCTAGCTACAACGA AGAGGAGA	33733
8915	2115	ACCACUAU G UAUGAGUC	13352	GACTCATA GGCTAGCTACAACGA ATAGTGGT	33734
8921	2109	AUGUAUGA G UCUCCAAA	13353	TTTGGAGA GGCTAGCTACAACGA TCATACAT	33735
8932	2098	UCCAAAGG G UGGUUCCA	13354	TGGAACCA GGCTAGCTACAACGA CCTTTGGA	33736
				AATTGGAA GGCTAGCTACAACGA CACCCTTT	
8935	2095	AAAGGGUG G UUCCAAUU	13355		33737
8958	2072	GGACCUUA G CGUUGGCC	13356		33738
8960	2070	ACCUUAGC G UUGGCCGU	13357		33739
8964	2066	UAGCGUUG G CCGUGGCC	13358	GGCCACGG GGCTAGCTACAACGA CAACGCTA	33740
8967	2063	CGUUGGCC G UGGCCACU	13359	AGTGGCCA GGCTAGCTACAACGA GGCCAACG	33741
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8987	2043	ACAAAAGG G UUGACAGU	13361	ACTGTCAA GGCTAGCTACAACGA CCTTTTGT	33743
8994	2036	GGUUGACA G UGACCAAU	13362	ATTGGTCA GGCTAGCTACAACGA TGTCAACC	33744
9005	2025	ACCAAUCU G CCCACUGG	13363		33745
9013	2017	GCCCACUG G CGUUAGGU	13364	ACCTAACG GGCTAGCTACAACGA CAGTGGGC	33746
9015	2015	CCACUGGC G UUAGGUCG	13365		33747
9020	2010	GGCGUUAG G UCGUUCAA	13366	TTGAACGA GGCTAGCTACAACGA CTAACGCC	33748
9023	2007	GUUAGGUC G UUCAAUGA	13367	TCATTGAA GGCTAGCTACAACGA GACCTAAC	33749
9033	1997	UCAAUGAA G CCACUGAC	13368	GTCAGTGG GGCTAGCTACAACGA TTCATTGA	33750
9056	1974	GGAACUUU G CAAGGUCC	13369	GGACCTTG GGCTAGCTACAACGA AAAGTTCC	33751
9061	1969	UUUGCAAG G UCCAUCCG	13370	CGGATGGA GGCTAGCTACAACGA CTTGCAAA	33752
9069	1961	GUCCAUCC G UGCCAGUG	13371	CACTGGCA GGCTAGCTACAACGA GGATGGAC	33753
9071	1959	CCAUCCGU G CCAGUGUA	13372	TACACTGG GGCTAGCTACAACGA ACGGATGG	33754
9075	1955	CCGUGCCA G UGUACUGC	13373	GCAGTACA GGCTAGCTACAACGA TGGCACGG	33755
9077	1953	GUGCCAGU G UACUGCAA	13374	TTGCAGTA GGCTAGCTACAACGA ACTGGCAC	33756
9082	1948	AGUGUACU G CAAUUCCA	13375	TGGAATTG GGCTAGCTACAACGA AGTACACT	33757
9099	1931	ACACCACA G UGCCGUGA	13376	TCACGGCA GGCTAGCTACAACGA TGTGGTGT	33758
9101	1929	ACCACAGU G CCGUGACC	13377	GGTCACGG GGCTAGCTACAACGA ACTGTGGT	33759

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9104	1926	ACAGUGCC G UGACCUGU	13378	ACAGGTCA GGCTAGCTACAACGA GGCACTGT	33760
9111	1919	CGUGACCU G UGUCUGCG	13379	CGCAGACA GGCTAGCTACAACGA AGGTCACG	33761
9113	1917	UGACCUGU G UCUGCGGG	13380	CCCGCAGA GGCTAGCTACAACGA ACAGGTCA	33762
9117	1913	CUGUGUCU G CGGGAGUC	13381	GACTCCCG GGCTAGCTACAACGA AGACACAG	33763
9123	1907	CUGCGGGA G UCCCAAGA	13382	TCTTGGGA GGCTAGCTACAACGA TCCCGCAG	33764
9141	1889	ACUUGAAA G CCUUUGAA	13383	TTCAAAGG GGCTAGCTACAACGA TTTCAAGT	33765
9155	1875	GAACAGAC G CCAUAGGU	13384	ACCTATGG GGCTAGCTACAACGA GTCTGTTC	33766
9162	1868	CGCCAUAG G UUGUUCCC	13385	GGGAACAA GGCTAGCTACAACGA CTATGGCG	33767
9165	1865	CAUAGGUU G UUCCCUUC	13386	GAAGGGAA GGCTAGCTACAACGA AACCTATG	33768
9178	1852	CUUCAACU G CAAUUUUU	13387	AAAAATTG GGCTAGCTACAACGA AGTTGAAG	33769
9219	1811	GACCCGAC G UCAACUUG	13388	CAAGTTGA GGCTAGCTACAACGA GTCGGGTC	33770
9231	1799	ACUUGACA G UGUUGCUU	13389	AAGCAACA GGCTAGCTACAACGA TGTCAAGT	33771
9233	1797	UUGACAGU G UUGCUUGA	13390	TCAAGCAA GGCTAGCTACAACGA ACTGTCAA	33772
	1794	ACAGUGUU G CUUGAAAA	13391	TTTTCAAG GGCTAGCTACAACGA AACACTGT	33773
9236		CAGGAAUG G CUCCAGCC	13392	GGCTGGAG GGCTAGCTACAACGA CATTCCTG	33774
9258	1772		13392	AGCTTTGG GGCTAGCTACAACGA TGGAGCCA	33775
9264	1766	UGGCUCCA G CCAAAGCU		GCATCAAG GGCTAGCTACAACGA TTTGGCTG	33776
9270	1760	CAGCCAAA G CUUGAUGC	13394		
9277	1753	AGCUUGAU G CAGAGCUC	13395	GAGCTCTG GGCTAGCTACAACGA ATCAAGCT	33777
9282	1748	GAUGCAGA G CUCCCUCU	13396	AGAGGGAG GGCTAGCTACAACGA TCTGCATC	33778
9292	1738	UCCCUCUU G UGAGCCCA	13397	TGGGCTCA GGCTAGCTACAACGA AAGAGGGA	33779
9296	1734	UCUUGUGA G CCCAAUGC	13398	GCATTGGG GGCTAGCTACAACGA TCACAAGA	33780
9303	1727	AGCCCAAU G CUAUCACA	13399	TGTGATAG GGCTAGCTACAACGA ATTGGGCT	33781
9316	1714	CACAGACU G CUUCGUGG	13400	CCACGAAG GGCTAGCTACAACGA AGTCTGTG	33782
9321	1709	ACUGCUUC G UGGCGUGU	13401	ACACGCCA GGCTAGCTACAACGA GAAGCAGT	33783
9324	1706	GCUUCGUG G CGUGUGGU	13402	ACCACACG GGCTAGCTACAACGA CACGAAGC	33784
9326	1704	UUCGUGGC G UGUGGUUC	13403	GAACCACA GGCTAGCTACAACGA GCCACGAA	33785
9328	1702	CGUGGCGU G UGGUUCCU	13404	AGGAACCA GGCTAGCTACAACGA ACGCCACG	33786
9331	1699	GGCGUGUG G UUCCUCAA	13405	TTGAGGAA GGCTAGCTACAACGA CACACGCC	33787
9351	1679	CCAUUAAC G UCUCUCUG	13406	CAGAGAGA GGCTAGCTACAACGA GTTAATGG	33788
9359	1671	GUCUCUCU G UUCCUCCA	13407	TGGAGGAA GGCTAGCTACAACGA AGAGAGAC	33789
9372	1658	UCCACACA G UACUUCCA	13408	TGGAAGTA GGCTAGCTACAACGA TGTGTGGA	33790
9381	1649	UACUUCCA G CACUGCUC	13409	GAGCAGTG GGCTAGCTACAACGA TGGAAGTA	33791
9386	1644	CCAGCACU G CUCCAAGG	13410	CCTTGGAG GGCTAGCTACAACGA AGTGCTGG	33792
9398	1632	CAAGGGAG G UUGAGGUC	13411	GACCTCAA GGCTAGCTACAACGA CTCCCTTG	33793
9404	1626	AGGUUGAG G UCCAUGAA	13412	TTCATGGA GGCTAGCTACAACGA CTCAACCT	33794
9435	1595	CCAAGAAC G UCUUUGUU	13413	AACAAAGA GGCTAGCTACAACGA GTTCTTGG	33795
9441	1589	ACGUCUUU G UUCCAACA	13414	TGTTGGAA GGCTAGCTACAACGA AAAGACGT	33796
9450	1580	UUCCAACA G UCAUCACG	13415	CGTGATGA GGCTAGCTACAACGA TGTTGGAA	33797
9458	1572	GUCAUCAC G UAGUAUGC	13416	GCATACTA GGCTAGCTACAACGA GTGATGAC	33798
9461	1569	AUCACGUA G UAUGCAUU	13417	AATGCATA GGCTAGCTACAACGA TACGTGAT	33799
		CGUAGUAU G CAUUGGUG	13417	CACCAATG GGCTAGCTACAACGA ATACTACG	33800
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9490	1540	UGACCGUG G UUCACAGU	13422	ACTGTGAA GGCTAGCTACAACGA CACGGTCA	33804
9497	1533	GGUUCACA G UCCACUGU	13423	ACAGTGGA GGCTAGCTACAACGA TGTGAACC	33805
9504	1526	AGUCCACU G UCACCUCU	13424	AGAGGTGA GGCTAGCTACAACGA AGTGGACT	33806
9526	1504	UUCUCCAA G CUUUAGUG	13425	CACTAAAG GGCTAGCTACAACGA TTGGAGAA	33807
9532	1498	AAGCUUUA G UGUGUAUG	13426	CATACACA GGCTAGCTACAACGA TAAAGCTT	33808
9534	1496	GCUUUAGU G UGUAUGAA	13427	TTCATACA GGCTAGCTACAACGA ACTAAAGC	33809
9536	1494	UUUAGUGU G UAUGAAGG	13428	CCTTCATA GGCTAGCTACAACGA ACACTAAA	33810
9544	1486	GUAUGAAG G CGCCGCAG	13429	<del></del>	33811
9546	1484	AUGAAGGC G CCGCAGGA	13430	TCCTGCGG GGCTAGCTACAACGA GCCTTCAT	33812
9549	1481	AAGGCGCC G CAGGAGUG	13431	CACTCCTG GGCTAGCTACAACGA GGCGCCTT	33813
9555	1475	CCGCAGGA G UGAUGCUG	13432	CAGCATCA GGCTAGCTACAACGA TCCTGCGG	33814
9560	1470	GGAGUGAU G CUGAAUCU	13433	AGATTCAG GGCTAGCTACAACGA ATCACTCC	33815
9573	1457	AUCUCCCU G CCUGAGUG	13434	CACTCAGG GGCTAGCTACAACGA AGGGAGAT	33816
9579	1451	CUGCCUGA G UGGCUCCA	13435	TGGAGCCA GGCTAGCTACAACGA TCAGGCAG	33817
9582	1448	CCUGAGUG G CUCCAACC	13436	GGTTGGAG GGCTAGCTACAACGA CACTCAGG	33818
9592	1438	UCCAACCU G UGUGGAGU	13437	ACTCCACA GGCTAGCTACAACGA AGGTTGGA	33819
9594	1436	CAACCUGU G UGGAGUAG	13438	CTACTCCA GGCTAGCTACAACGA ACAGGTTG	33820
9599	1431	UGUGUGGA G UAGUUUCC	13439		33821
9602	1428	GUGGAGUA G UUUCCGUG	13440		33822
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WO 02/068637	Table XI	PCT/US01/48350
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9610	1420	GUUUCCGU G CGACUCCA	13442	TGGAGTCG GGCTAGCTACAACGA ACGGAAAC	33824
9621	1409	ACUCCACA G UAGUUGGU	13443	ACCAACTA GGCTAGCTACAACGA TGTGGAGT	33825
9624	1406	CCACAGUA G UUGGUCCA	13444	TGGACCAA GGCTAGCTACAACGA TACTGTGG	33826
9628	1402	AGUAGUUG G UCCAUGGA	13445	TCCATGGA GGCTAGCTACAACGA CAACTACT	33827
9645	1385	CAAAAAUG G CCACUUCG	13446	CGAAGTGG GGCTAGCTACAACGA CATTTTTG	33828
9653	1377	GCCACUUC G UACUUGAU	13447	ATCAAGTA GGCTAGCTACAACGA GAAGTGGC	33829
9678	1352	UCAAGAUG G UUCUUCCU	13448	AGGAAGAA GGCTAGCTACAACGA CATCTTGA	33830
9690	1340	UUCCUAUU G CCUUGGUA	13449	TACCAAGG GGCTAGCTACAACGA AATAGGAA	33831
9696	1334	UUGCCUUG G UAGAGCAG	13450	CTGCTCTA GGCTAGCTACAACGA CAAGGCAA	33832
9701	1329	UUGGUAGA G CAGGCAAA	13451	TTTGCCTG GGCTAGCTACAACGA TCTACCAA	33833
9705	1325	UAGAGCAG G CAAAUUUG	13452	CAAATTTG GGCTAGCTACAACGA CTGCTCTA	33834
9714	1316	CAAAUUUG G CGCAUGUG	13453	CACATGCG GGCTAGCTACAACGA CAAATTTG	33835
				GACACATG GGCTAGCTACAACGA GCCAAATT	
9716	1314	AAUUUGGC G CAUGUGUC	13454	The state of the s	33836
9720	1310	UGGCGCAU G UGUCAAUG	13455	CATTGACA GGCTAGCTACAACGA ATGCGCCA	33837
9722	1308	GCGCAUGU G UCAAUGCU	13456	AGCATTGA GGCTAGCTACAACGA ACATGCGC	33838
9728	1302	GUGUCAAU G CUUCCUUU	13457	AAAGGAAG GGCTAGCTACAACGA ATTGACAC	33839
9737	1293	CUUCCUUU G CCAAAUAA	13458	TTATTTGG GGCTAGCTACAACGA AAAGGAAG	33840
9749	1281	AAUAAUCC G CAGCCGUU	13459	AACGGCTG GGCTAGCTACAACGA GGATTATT	33841
9752	1278	AAUCCGCA G CCGUUGCC	13460	GGCAACGG GGCTAGCTACAACGA TGCGGATT	33842
9755	1275	CCGCAGCC G UUGCCCCA	13461	TGGGGCAA GGCTAGCTACAACGA GGCTGCGG	33843
9758	1272	CAGCCGUU G CCCCAGCC	13462	GGCTGGGG GGCTAGCTACAACGA AACGGCTG	33844
9764	1266	UUGCCCCA G CCCCUGUC	13463	GACAGGGG GGCTAGCTACAACGA TGGGGCAA	33845
9770	1260	CAGCCCCU G UCCACCAC	13464	GTGGTGGA GGCTAGCTACAACGA AGGGGCTG	33846
9784	1246	CACUCCUU G UCUGCACA	13465	TGTGCAGA GGCTAGCTACAACGA AAGGAGTG	33847
9788	1242	CCUUGUCU G CACACAAA	13466	TTTGTGTG GGCTAGCTACAACGA AGACAAGG	33848
9798	1232	ACACAAAA G CUGGGUCA	13467	TGACCCAG GGCTAGCTACAACGA TTTTGTGT	33849
9803	1227	AAAGCUGG G UCAGCACG	13468	CGTGCTGA GGCTAGCTACAACGA CCAGCTTT	33850
9807	1223	CUGGGUCA G CACGUUUG	13469	CAAACGTG GGCTAGCTACAACGA TGACCCAG	33851
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9815	1215	GCACGUUU G UCAUUGUG	13471	CACAATGA GGCTAGCTACAACGA AAACGTGC	33853
9821	1209	UUGUCAUU G UGAGCUUC	13472	GAAGCTCA GGCTAGCTACAACGA AATGACAA	33854
9825	1205	CAUUGUGA G CUUCUCCC	13473	GGGAGAAG GGCTAGCTACAACGA TCACAATG	33855
9837	1193	CUCCCAUG G UCGGGCAC	13474	GTGCCCGA GGCTAGCTACAACGA CATGGGAG	33856
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	1181	GGCACGCA G CUUUGGUG	13477	CACCAAAG GGCTAGCTACAACGA TGCGTGCC	33859
9849				TCTCTCCA GGCTAGCTACAACGA CAAAGCTG	
9855	1175	CAGCUUUG G UGGAGAGA	13478		33860
9866	1164	GAGAGAUC G CUGACGGU	13479	ACCGTCAG GGCTAGCTACAACGA GATCTCTC	33861
9873	1157	CGCUGACG G UAGCCAAA	13480	TTTGGCTA GGCTAGCTACAACGA CGTCAGCG	33862
9876	1154	UGACGGUA G CCAAAUAG	13481	CTATTTGG GGCTAGCTACAACGA TACCGTCA	33863
9884	1146	GCCAAAUA G CAAUAACU	13482	AGTTATTG GGCTAGCTACAACGA TATTTGGC	33864
9893	1137	CAAUAACU G CGGACCUC	13483	GAGGTCCG GGCTAGCTACAACGA AGTTATTG	33865
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9908	1122	UCUGCCAG G UUGACCGC	13485	GCGGTCAA GGCTAGCTACAACGA CTGGCAGA	33867
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9969	1061	ACAUGAUA G UCACGCAG	13490	CTGCGTGA GGCTAGCTACAACGA TATCATGT	33872
9974	1056	AUAGUCAC G CAGCUGUC	13491	GACAGCTG GGCTAGCTACAACGA GTGACTAT	33873
9977	1053	GUCACGCA G CUGUCGCC	13492	GGCGACAG GGCTAGCTACAACGA TGCGTGAC	33874
9980	1050	ACGCAGCU G UCGCCUUC	13493	GAAGGCGA GGCTAGCTACAACGA AGCTGCGT	33875
9983	1047	CAGCUGUC G CCUUCGAG	13494	CTCGAAGG GGCTAGCTACAACGA GACAGCTG	33876
10008	1022	CCACCCAU G UUGCUCCA	13495	TGGAGCAA GGCTAGCTACAACGA ATGGGTGG	33877
10011	1019	CCCAUGUU G CUCCAGAC	13496	GTCTGGAG GGCTAGCTACAACGA AACATGGG	33878
10034	996	UCCAAGAA G UCUCUGUU	13497	AACAGAGA GGCTAGCTACAACGA TTCTTGGA	33879
10040	990	AAGUCUCU G UUGCUCAU	13498	ATGAGCAA GGCTAGCTACAACGA AGAGACTT	33880
10043	987	UCUCUGUU G CUCAUUCC	13499	GGAATGAG GGCTAGCTACAACGA AACAGAGA	33881
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		1	1 - 3 3 0 3	THEOLIA GGCIAGGIACGA AGCIICAA	23085

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10511	519	UCUGUGAC G UCAGUAGC	13563	GCTACTGA GGCTAGCTACAACGA GTCACAGA	33945
10515	515	UGACGUCA G UAGCAUUU	13564	AAATGCTA GGCTAGCTACAACGA TGACGTCA	
10518	512	CGUCAGUA G CAUUUACC	13565		33946
10527	503	CAUUUACC G UCAUCAUC			33947
2002/		CHOCKEC & OCHOCKOC	13566	GATGATGA GGCTAGCTACAACGA GGTAAATG	33948

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10707	323	UCAUCGCU G UUUGUUUG	13585	CAAACAAA GGCTAGCTACAACGA AGCGATGA	33967
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	10520	CCGGCCUG A CUUUCUCC	13640	GGAGAAAG GGCTAGCTACAACGA CAGGCCGG	34022
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1530	9500	AGGUGACA A CUUGUCCA	13693	TGGACAAG GGCTAGCTACAACGA TGTCACCT	34075
1550	9480	CCCCUCUG A UCUUCUCU	13694	AGAGAAGA GGCTAGCTACAACGA CAGAGGGG	34076
1563	9467	CUCUGGAG A UAACAUCC	13695	GGATGTTA GGCTAGCTACAACGA CTCCAGAG	34077
1566	9464	UGGAGAUA A CAUCCAUG	13696	CATGGATG GGCTAGCTACAACGA TATCTCCA	34078
1575	9455	CAUCCAUG A CGGUUCUU	13697	AAGAACCG GGCTAGCTACAACGA CATGGATG	34079
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	9408	ACUUUGUG A CGAUAGGU	13699	ACCTATCG GGCTAGCTACAACGA CACAAAGT	34081
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1755	9275	CAGCAUAG A UCUUGCCC	13706		
1779	9251	GGGUGCCA A CUUCACGC	13707	GCGTGAAG GGCTAGCTACAACGA TGGCACCC	34089
1791	9239	CACGCAGG A UGUAACCC	13708	GGGTTACA GGCTAGCTACAACGA CCTGCGTG	34090
1796	9234	AGGAUGUA A CCCAGUUU	13709	AAACTGGG GGCTAGCTACAACGA TACATCCT	34091
1824	9206	AGCCCUCG A CACCUCCU	13710	AGGAGGTG GGCTAGCTACAACGA CGAGGGCT	34092
1874	9156	UUGAGAAA A CCCAGAGC	13711	GCTCTGGG GGCTAGCTACAACGA TTTCTCAA	34093
1888	9142	AGCCUCGA A CUCCAGAA	13712	TTCTGGAG GGCTAGCTACAACGA TCGAGGCT	34094
1918	9112	CCACAUGA A CCAAAUGG	13713	CCATTTGG GGCTAGCTACAACGA TCATGTGG	34095
1923	9107	UGAACCAA A UGGCUCUG	13714	CAGAGCCA GGCTAGCTACAACGA TTGGTTCA	34096
1951	9079	CUUUCCGA A CUCUCCGG	13715	CCGGAGAG GGCTAGCTACAACGA TCGGAAAG	34097
1992	9038	UGUUGUAA A UGCAAGUG	13716	CACTTGCA GGCTAGCTACAACGA TTACAACA	34098
2003	9027	CAAGUGUG A CAUUCCCC	13717	GGGGAATG GGCTAGCTACAACGA CACACTTG	34099
		CCCCGCAG A UGUGCCUC	13718	GAGGCACA GGCTAGCTACAACGA CTGCGGGG	34100
2018	9012	CUCCCAAA A UUUUGGAU	13719	ATCCAAAA GGCTAGCTACAACGA TTTGGGAG	34101
2053	8977		13720	GTTGAAGA GGCTAGCTACAACGA CCAAAATT	34102
2060	8970	AAUUUUGG A UCUUCAAC	<del></del>	AGAAGCAG GGCTAGCTACAACGA TGAAGATC	34103
2067	8963	GAUCUUCA A CUGCUUCU	13721	<u> </u>	34104
2093	8937	CUCCAUUG A UUCUGCUC	13722	GAGCAGAA GGCTAGCTACAACGA CAATGGAG	
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2136	8894	UGCUGUUG A CCUUUCUU	13724	AAGAAAGG GGCTAGCTACAACGA CAACAGCA	34106
2149	8881	UCUUAUGA A UUCCUCUC	13725	GAGAGGAA GGCTAGCTACAACGA TCATAAGA	34107
2174	8856	AUUCUGGG A CGUUUUUC	13726	GAAAAACG GGCTAGCTACAACGA CCCAGAAT	34108
2194	8836	GGCCAAAA A CGCCCACA	13727	TGTGGGCG GGCTAGCTACAACGA TTTTGGCC	34109
2203	8827	CGCCCACA A CCAGUUGG	13728	CCAACTGG GGCTAGCTACAACGA TGTGGGCG	34110
2281	8749	CUCUUUGA A CACUCGCU	13729	AGCGAGTG GGCTAGCTACAACGA TCAAAGAG	34111
2331	8699	UGGUGGUA A CAUUCGUG	13730	CACGAATG GGCTAGCTACAACGA TACCACCA	34112
2340	8690	CAUUCGUG A UGGUGUCC	13731	GGACACCA GGCTAGCTACAACGA CACGAATG	34113
2370	8660	GGAGCCUG A CCACUCCA	13732	TGGAGTGG GGCTAGCTACAACGA CAGGCTCC	34114
2382	8648	CUCCAUUG A CCAGCGAA	13733	TTCGCTGG GGCTAGCTACAACGA CAATGGAG	34115
2390	8640	ACCAGCGA A CUGGCGGA	13734	TCCGCCAG GGCTAGCTACAACGA TCGCTGGT	34116
	8610	ACAUCAUA A CUGCCGUG	13735		34117
2420	8601	CUGCCGUG A UAGUUCCA	13736		34118
2429		CACGUCGA A CUGUACUC	13737		34119
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2502	8528				34121
2514	8516	UGUUCUUG A UUUUACUG	13739		34122
2657	8373	UUCACUGA A UGUACCAC	13740		34122
2681	8349	GAAGCUCG A CUCACCCA	13741		+
2690	8340	CUCACCCA A UACAUCUC	13742		34124
2708	8322	UGCGUGGA A UUCCGUGA	13743		34125
2730	8300	GGUUUCUG A CCAGUCCC	13744		34126
2778	8252	UCUCUAUG A CUUUCGGC	13745		34127
2815	8215	CACGCAAA A UUCCCUUG	13746	<u> </u>	34128
2847	8183	AGUCCUCA A CCAUUUCA	13747		34129
2859	8171	UUUCAAGG A CCCGAAUC	13748	GATTCGGG GGCTAGCTACAACGA CCTTGAAA	34130
2865	8165	GGACCCGA A UCGUCCUA	13749	TAGGACGA GGCTAGCTACAACGA TCGGGTCC	34131
2883	8147	GCUCUUCA A CCUCAGCA	13750	TGCTGAGG GGCTAGCTACAACGA TGAAGAGC	34132
2896	8134	AGCACUUG A CGAGGACU	13751		34133
2902	8128	UGACGAGG A CUCUCCGA	13752		34134
2910	8120	ACUCUCCG A UGUCACAA	13753		34135
2933	8097	GUGUCACA A CACUCAGA	13754		34136
	8077	UCUGUAGA A CACAUCCA	<del></del>		34137
2953	1 00//	OCOGONON A CACAUCCA	13755	TOGNIGIG GOCINGCINCANCON ICINCAGA	1 2413/

2979	8051	UCAUGGUG A CAAUGUUC	13756	GAACATTG GGCTAGCTACAACGA CACCATGA	34138
2982	8048	UGGUGACA A UGUUCCAU	13757	ATGGAACA GGCTAGCTACAACGA TGTCACCA	34139
2996	8034	CAUCCAUA A CUUUGCAC	13758	GTGCAAAG GGCTAGCTACAACGA TATGGATG	34140
3029	8001	UGUCCGGG A CCGCCCUU	13759	AAGGGCGG GGCTAGCTACAACGA CCCGGACA	34141
3051	7979	ACCCUCUG A CUUCUUGG	13760	CCAAGAAG GGCTAGCTACAACGA CAGAGGGT	34142
3060	7970	CUUCUUGG A CUCUUUUU	13761	AAAAAGAG GGCTAGCTACAACGA CCAAGAAG	34143
		AUAUAGUA A CACCAACC	13762	GGTTGGTG GGCTAGCTACAACGA TACTATAT	34144
3086	7944			AGAGGCGG GGCTAGCTACAACGA TGGTGTTA	34145
3092	7938	UAACACCA A CCGCCUCU	13763		
3117	7913	CAAGGUCA A UCACUUUU	13764	AAAAGTGA GGCTAGCTACAACGA TGACCTTG	34146
3129	7901	CUUUUCCG A CCGGUUCG	13765	CGAACCGG GGCTAGCTACAACGA CGGAAAAG	34147
3142	7888	UUCGAGAA A CCUCCGUU	13766	AACGGAGG GGCTAGCTACAACGA TTCTCGAA	34148
3153	7877	UCCGUUCG A CCAGCCAU	13767	ATGGCTGG GGCTAGCTACAACGA CGAACGGA	34149
3186	7844	CCCUAGAG A CUGGAUGC	13768	GCATCCAG GGCTAGCTACAACGA CTCTAGGG	34150
3191	7839	GAGACUGG A UGCCCUCC	13769	GGAGGGCA GGCTAGCTACAACGA CCAGTCTC	34151
3204	7826	CUCCAGUG A CAUUGCCU	13770	AGGCAATG GGCTAGCTACAACGA CACTGGAG	34152
3242	7788	GCUGAGCG A UCGACUUC	13771	GAAGTCGA GGCTAGCTACAACGA CGCTCAGC	34153
		AGCGAUCG A CUUCGAUG	13772	CATCGAAG GGCTAGCTACAACGA CGATCGCT	34154
3246	7784				
3252	7778	CGACUUCG A UGAUGGCC	13773	GGCCATCA GGCTAGCTACAACGA CGAAGTCG	34155
3255	7775	CUUCGAUG A UGGCCUCU	13774	AGAGGCCA GGCTAGCTACAACGA CATCGAAG	34156
3280	7750	CCUAGUGA A CUCUUCUU	13775	AAGAAGAG GGCTAGCTACAACGA TCACTAGG	34157
3318	7712	CUUUCCAA A CCUCUCCC	13776	GGGAGAGG GGCTAGCTACAACGA TTGGAAAG	34158
3400	7630	UGUUAUGG A UAGACAUG	13777	CATGTCTA GGCTAGCTACAACGA CCATAACA	34159
3404	7626	AUGGAUAG A CAUGACAA	13778	TTGTCATG GGCTAGCTACAACGA CTATCCAT	34160
3409	7621	UAGACAUG A CAACCAAC	13779	GTTGGTTG GGCTAGCTACAACGA CATGTCTA	34161
3412	7618	ACAUGACA A CCAACCCC	13780	GGGGTTGG GGCTAGCTACAACGA TGTCATGT	34162
3416	7614	GACAACCA A CCCCCACG	13781	CGTGGGGG GGCTAGCTACAACGA TGGTTGTC	34163
3429	7601	CACGCAUG A UGUGGCAG	13782	CTGCCACA GGCTAGCTACAACGA CATGCGTG	34164
				AACTGCCA GGCTAGCTACAACGA CGGACTCT	
3444	7586	AGAGUCCG A UGGCAGUU	13783		34165
3465	7565	CGUUCCAA A CAGAGCUU	13784	AAGCTCTG GGCTAGCTACAACGA TTGGAACG	34166
3510	7520	CGGCCGUG A UCAAAAUU	13785	AATTTTGA GGCTAGCTACAACGA CACGGCCG	34167
3516	7514	UGAUCAAA A UUCCGGCU	13786	AGCCGGAA GGCTAGCTACAACGA TTTGATCA	34168
3544	7486	CUUCACAG A CGGGUUCA	13787	TGAACCCG GGCTAGCTACAACGA CTGTGAAG	34169
3571	7459	AGCUAGAG A CACCAAGA	13788	TCTTGGTG GGCTAGCTACAACGA CTCTAGCT	34170
3579	7451	ACACCAAG A UCAGCAUG	13789	CATGCTGA GGCTAGCTACAACGA CTTGGTGT	34171
3588	7442	UCAGCAUG A UCUGUCCA	13790	TGGACAGA GGCTAGCTACAACGA CATGCTGA	34172
3597	7433	UCUGUCCA A CUUUCUUC	13791	GAAGAAAG GGCTAGCTACAACGA TGGACAGA	34173
3612	7418	UCUGCAUG A UGGGUGUG	13792	CACACCCA GGCTAGCTACAACGA CATGCAGA	34174
3631	7399	GCGCUCUA A UUCUGGGA	13793	TCCCAGAA GGCTAGCTACAACGA TAGAGCGC	34175
3639	7391	AUUCUGGG A CGUCCGUG	13794	CACGGACG GGCTAGCTACAACGA CCCAGAAT	34176
3654	7376	UGGCCACG A UGCCAUCC	13795	GGATGGCA GGCTAGCTACAACGA CGTGGCCA	34177
3681	7349	UCUUCAUG A UUCCGGCC	13796	GGCCGGAA GGCTAGCTACAACGA CATGAAGA	34178
3731	7299	GCUUGCCA A CCGGGAAC	13797	GTTCCCGG GGCTAGCTACAACGA TGGCAAGC	34179
3738	7292	AACCGGGA A CCAUGUAG	13798	CTACATGG GGCTAGCTACAACGA TCCCGGTT	34180
3786	7244	UUACCGUA A CGGUGAGG	13799	CCTCACCG GGCTAGCTACAACGA TACGGTAA	34181
3798	7232	UGAGGGUG A CUUGUCCC	13800	GGGACAAG GGCTAGCTACAACGA CACCCTCA	34182
3835	7195	GAGAGCCG A CACUCCAA	13801	TTGGAGTG GGCTAGCTACAACGA CGGCTCTC	34183
3843	7187	ACACUCCA A CAUCGACG	13802	CGTCGATG GGCTAGCTACAACGA TGGAGTGT	34184
3849	7181	CAACAUCG A CGAAGGGG	13803	CCCCTTCG GGCTAGCTACAACGA CGATGTTG	34185
3877	7153	GAGUGUGA A UAGUGCAC	13804	GTGCACTA GGCTAGCTACAACGA TCACACTC	34186
3894	7136	UUGCCUGA A CGUUUAUU	13805	AATAAACG GGCTAGCTACAACGA TCAGGCAA	34187
3910	7120	UGAGGUCA A UGAGGUGU	13806		34188
	<del></del>			<u></u>	<del></del>
3921	7109	AGGUGUUG A UGUAAUCU	13807	<u> </u>	34189
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3931	7099	GUAAUCUG A CGUGAUCA	13809	TGATCACG GGCTAGCTACAACGA CAGATTAC	34191
3936	7094	CUGACGUG A UCAAAUGC	13810	GCATTTGA GGCTAGCTACAACGA CACGTCAG	34192
3941	7089	GUGAUCAA A UGCUUUAG	13811	CTAAAGCA GGCTAGCTACAACGA TTGATCAC	34193
3963	7067	GAGUGAGG A CCGCUGUU	13812	AACAGCGG GGCTAGCTACAACGA CCTCACTC	34194
3988	7042	GUACAGUG A CCAGGCUG	13813	CAGCCTGG GGCTAGCTACAACGA CACTGTAC	34195
4021	7009	CAAAAGAA A CUCUCCCA	13814	<u> </u>	34196
4037	6993	AUGCUGAA A UUCUCCUU	13815	AAGGAGAA GGCTAGCTACAACGA TTCAGCAT	34197
4047	6983	UCUCCUUG A CCUCAAUU	13816	<u></u>	34198
4053	6977	UGACCUCA A UUCUUUGC	13817		
4066	6964	UUGCCCAA A CAAACUGC			34199
1000	1 0304	JUGGGGGAN A CANACUGG	13818	GCAGTTTG GGCTAGCTACAACGA TTGGGCAA	34200

1970   6560	***	0 02/00803/		1 4010 71	FC1/USU1/4835U	
1013   6927	4070	6960	CCAAACAA A CUGCUUAU	13819	ATAAGCAG GGCTAGCTACAACGA TTGTTTGG	34201
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13.156   6881	<del></del>		GGGUCAUG A CACAAAUC	13821	GATTTGTG GGCTAGCTACAACGA CATGACCC	34203
1515   6974	-					
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	<del></del>			-		
1921   1929						
1825  6779						
1256	<del></del>					
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43195   6725   CUCCCAMO A CAGGGCCU   13832   ASGGCTG GGCTAGCTACAACGA CTTGGGMG   34215   43319   6711   CCCCCCAA A CCCUAUCU   13834   ASAGTAGG GGCTAGCTACAACGA TTGGAMGG   34216   43326   6689   UCUUUCCCA A UGCCCUUC   13834   GAAGGGCA GGCTAGCTACAACGA TTGGAMGG   34216   4360   6670   GAGGAAGA A UACUCCCCA   13835   TGGGCTAG GGCTAGCTACAACGA TCTTCCTC   34217   4394   6646   CACACUCA A UAGAGCAA   13835   TGGCTAG GGCTAGCTACAACGA TCTTCCTC   34217   4401   6629   UCAAGGCA A UCAAGGCA   13837   TGCCTTGA GGCTAGCTACACGA TCCCTTAT   34218   4401   6629   UCAAGGCA A UGUACUGA   13838   TCAGCACA GGCTAGCTACACGA TCCCTTAT   34219   4401   6629   UUCAAGGCA A CGUCCAUG   13839   TCAGCACA GGCTAGCTACACGA TCCCTTAT   34219   4401   6629   UUCCCCACA A CGUCCAUG   13839   TCAGCACA GGCTAGCTACACGA TCCCTTCA   34210   4476   6554   UGGCCACA A CGUCCAUG   13839   TCAGCACA GGCTAGCTACACGA TCTGGCCA   34221   4559   6495   UUCCCCACA A CGUCCAUG   13841   AGGGCTCA GGCTAGCTACACGA TCTGGCCA   34224   4559   6495   AUCUGAGA A CGUUUCC   13842   GGAAAACG GGCTAGCTACACGA TCTGGGAA   34225   4669   AUCUGAGA A UCCAGGCC   13841   AGGGCTAC GGCTAGCTACACGA TCTCAGAT   34224   4629   6401   UGGCGUCA A UCCAGGCC   13845   TAAGGCGG GGCTAGCTACACGA TCTCAGAT   34224   4629   6401   UGGCGUCA A UCCAGGCC   13845   TAAGGCGG GGCTAGCTACACGA TCACGGC   34225   6467   6383   GCCUCGAA A UCCAGGCC   13845   TAAGGAGG GGCTAGCTACACGA TCACGGCC   34226   6407   6383   GCCUCGAA A UCCACGGC   13845   TAAGGAGA GGCTAGCTACACGA TCACGAGC   34226   6407   6355   UCGUGGUA A UCCACGGC   13845   TAGGAGAG GGCTAGCTACACGA TCACGAG CCCAGGCCA   34226   6407   6355   UCGUGGUA A UCCACGGC   13845   TAGGAGAG GGCTAGCTACACGA TCACGAC   34223   4736   6304   6304   6304   6304   6304   6304   6304   6304   6304   6304   6304   6304   6304   6304   6304   6304   6304   6304   6304   6304   6304   6304   6304   6304   6304   6304   6304   6304   6304   6304   6304   6304   6304   6304   6304   6304   6304   6304   6304   6304   6304   6304   6304   6304   6304   6304   6304   6304   6304   6304   6304   6304   6304   630	4280	6750	GCCAUCCA A CAGAAAAA			34212
1332	4296	6734	AGGUCGCG A CUCCCAAG	13831	CTTGGGAG GGCTAGCTACAACGA CGCGACCT	34213
14326	4305	6725	CUCCCAAG A CAGCGCCU	13832	AGGCGCTG GGCTAGCTACAACGA CTTGGGAG	34214
1356	4319	6711	CCUCCCAA A CCUAUCUU	13833	AAGATAGG GGCTAGCTACAACGA TTGGGAGG	34215
4392   6636	4332	6698	UCUUUCCA A UGCCCUUC	13834	GAAGGGCA GGCTAGCTACAACGA TGGAAAGA	34216
4392	4360	6670	GAGGAAGA A UACUCCCA	13835	TGGGAGTA GGCTAGCTACAACGA TCTTCCTC	34217
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4674         6356         UCGUGANG A CUUCCACU         13848         AGTGGANG GGCTAGCTACAACGA CATCACGA         34230           4701         6329         CUUCUARA A UUGUGUUU         13849         AAACACAA GGCTAGCTACAACGA CTTAGAAG         34231           4718         6312         GUCCUAGG A CCAUCARA         13850         TTTGATGG GGCTAGCTACAACGA CTGAGAC         34232           4750         6280         GUGGUAUG A CACUCCAG         13851         CTGGAGTG GGCTAGCTACAACGA CTACACCA         34234           4767         6263         CCGCUGCA A CUUGUAA         13852         TTACAAGG GGCTAGCTACAACGA TGCAGGG         34234           4785         6245         CCAGCCAA A CUUGCAGU         13854         ACTGCAGA GGCTAGCTACAACGA TGGCAGT         34236           4807         6223         AGUCCUCA A CAGUUCCA         13855         TGGACTG GGCTAGCTACAACGA TGAGGACT         34237           4902         6128         AUUGAGCGA A UCAGUCCA         13857         CGGACTAG GGCTAGCTACAACGA CACCACCAAT         34238           4923         6107         GCAUGUUG A UGUUGUCC         13857         CGGACTAG GGCTAGCTACAACGA CACCATGC         34240           4938         6092         CCAGCAUA A UGUGUGCC         13859         GGCACGAA GGCTAGCTACAACGA CACCATGC         34241           4957         6033         CCCCCAUA A				<del></del>		
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4718         6312         GUCCUAGG A CCAUCAAA         13850         TTTGATGG GGCTAGCTACAACGA CCTAGGAC         34232           4750         6280         GUGGUAUG A CACUCCAG         13851         CTGGAGTG GGCTAGCTACAACGA CATACCAC         34234           4767         6263         CCCGUGCA A CUUUGUAA         13852         TTACAAGG GGCTAGCTACAACGA TGCACCGG         34234           4785         6245         CCAGCCAA A CUGCAGA         13853         TCTGCCAG GGCTAGCTACAACGA TGGCTAG         34236           4793         6227         ACUGGCAG A UCUGCAGU         13854         ACTGCAGA GGCTAGCTACAACGA CTGCCAGT         34236           4807         6223         AGUCCUCA A CAGUUCCA         13855         TGGACTGA GGCTAGCTACAACGA CTGACCAGT         34236           4902         6128         AUUGAGCG A UCAGUCCG         13856         TCGGTCAA         GGCTAGCTACAACGA CTGCCCAAT         34239           4923         6107         GCAUGUUG A UUGUUGCC         13858         GGACCAA GGCTAGCTACAACGA CACCTGCG         34240           4938         6092         CCAGCAUG A UUCUGUGC         13859         GGCACGAA GGCTAGCTACAACGA CACCTGCG         34242           4997         6033         CCCCCAUA A CGUACCU         13861         GAGTACTACAACGA CTGGTACCAACGA         34243           5024         6006 <td< td=""><td>4674</td><td>6356</td><td>UCGUGAUG A CUUCCACU</td><td>13848</td><td>AGTGGAAG GGCTAGCTACAACGA CATCACGA</td><td>34230</td></td<>	4674	6356	UCGUGAUG A CUUCCACU	13848	AGTGGAAG GGCTAGCTACAACGA CATCACGA	34230
4750 6280 GUGGUAUG A CACUCCAG 13851 CTGGAGTG GGCTAGCTACAACGA CATACCAC 34233 4767 6263 CCGCUGCA A CCUUGUAA 13852 TTACAAGG GGCTAGCTACAACGA TGCAGCG 34234 4785 6245 CCCAGCCAA A CUGGCAGA 13853 TCTGCCAG GGCTAGCTACAACGA TGCAGCG 34235 4793 6237 ACUGGCAG A UCUGCAGU 13854 ACTGCAGA GGCTAGCTACAACGA TGGCAGTG 34236 4807 6223 AGUCCUCA A CAGUUCCA 13855 TGGAACTG GGCTAGCTACAACGA TGAGCAGT 34236 4807 6223 AGUCCUCA A CAGUUCCA 13855 TGGAACTG GGCTAGCTACAACGA TGAGCAGT 34237 4894 6136 UUGGUAGA A UUGAGCCA 13855 TCGCTCAA GGCTAGCTACAACGA TGACCAA 34238 4902 6128 AUUGAGCG A UCAGUCCG 13855 CGGACTGA GGCTAGCTACAACGA TCTACCAA 34239 4923 6107 GCAUGUUG A UGUGUCC 13858 GGACAACA GGCTAGCTACAACGA CACATGC 34240 4938 6092 CCAGCAUG A UUCGUGCC 13859 GGCACGAA GGCTAGCTACAACGA CACATGC 34240 4938 6092 CCAGCAUG A UUGGUGCC 13859 GGCACGAA GGCTAGCTACAACGA CACATGC 34240 4955 6075 UCAGUCCA A UGGGCGAA 13860 TTCGCCCA GGCTAGCTACAACGA TGGACTGA 34242 4997 6033 CCCCCAUA A CAGUACUC 13861 GAGTACT GGCTAGCTACAACGA TGGACTGA 34242 5013 6017 CAUCACCA A CUUGCGAC 13862 GGTAGCTACAACGA TGGTAGTAG 34244 5020 6010 AACUUGCG A CGGAUUUC 13861 GAGTACT GGCTAGCTACAACGA TGGTGATG 5034 5996 UUCUACCG A UGGUCCA 13862 GTCGCAAG GGCTAGCTACAACGA TGGTGATG 5034 5996 UUCUACCG A UGGUUCC 13864 GGTAGCTACAACGA CGCAGGTT 5077 5953 CACUGCAG A UGCUCCA 13864 GGTAGACA GGCTAGCTACAACGA CGGTAGAA 5091 5939 CUCCCAGG A UGCUCCC 13865 GAGACCA GGCTAGCTACAACGA CGGTAGAA 5091 5939 CUCCCAGG A UGCUCCC 13865 GAGACCA GGCTAGCTACAACGA CGGTAGAA 5091 5939 CUCCCAGG A UGCUCCC 13865 GAGACCA GGCTAGCTACAACGA CGGTAGAA 5091 5939 CUCCCAGG A UCACUCUC 13865 GAGACCA GGCTAGCTACAACGA CGGTAGAA 5091 5939 CUCCCAGG A UCACUCUC 13865 GAGACCA GGCTAGCTACAACGA CGGTAGAA 5091 5939 CUCCCAGG A UCACUCUC 13865 GAGACCA GGCTAGCTACAACGA CTGCAGTG 5091 5939 CUCCCAGG A UCACUCUC 13865 GAGACCA GGCTAGCTACAACGA CTGCAGCC 34251 5118 5912 CUGUUAUG A UGCGUCCA 13865 GAGACCA GGCTAGCTACAACGA CAGACAG 34251 5126 5845 CAUUUCAG A UACCUCUC 13867 GAGAGAGA GGCTAGCTACAACGA CAGACAG 34251 5136 5845 CAUUCAG A UACCUCUC 13867 GAGAGAGA GGCTAGCTACAACGA CAGACAG 34255 5260 5762 UCAAGUGG A UU	4701	6329	CUUCUAAA A UUGUGUUU	13849	AAACACAA GGCTAGCTACAACGA TTTAGAAG	34231
4767         6263         CCGCUGCA A CUUGUAA         13852         TTACAAGG GGCTAGCTACAACGA TGCACGG         34234           4785         6245         CCAGCCAA A CUGGCAGA         13853         TCTGCCAG GGCTAGCTACAACGA TTGGCTGG         34235           4793         6237         ACUGGCAG A UCUGCAGU         13854         ACTGCAGA GGCTAGCTACAACGA TGACGCAGT         34236           4807         6223         AGUCCUCA A CAGUUCCA         13855         TGGACTG         GGCTAGCTACAACGA TGACGACA TGACCACA         34238           4894         6136         UUGGUAGA A UUGAGCGA         13856         TCGCTCAA GGCTAGCTACAACGA TCTACCAA         34239           4922         6128         AUUGAGCG A UCAGUCCC         13857         CGGACTGA GGCTAGCTACAACGA CACACTGC         34240           4938         6092         CCAGCAUG A UUGUUGCC         13859         GGCACGAA GGCTAGCTACAACGA CATGCTGG         34241           4955         6075         UCAGUCCA A UGGGCGAA         13860         TTCGCCCA GGCTAGCTACAACGA TATGGGGG         34242           5013         6017         CAUCACCA A CUUGCGAC         13861         GAGTACTACAACGA TGGTGTACAACGA         34244           5020         6010         AACUUCG A UGCGAC         13863         GAAATCCG GGCTAGCTACAACGA CGCTAGCA         34246           5024         6006	4718	6312	GUCCUAGG A CCAUCAAA	13850	TTTGATGG GGCTAGCTACAACGA CCTAGGAC	34232
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4793         6237         ACUGGCAG A UCUGCAGU         13854         ACTGCAGA GGCTAGCTACAACGA CTGCCAGT         34236           4807         6223         AGUCCUCA A CAGUUCCA         13855         TGGAACTG GGCTAGCTACAACGA TGAGGACT         34237           4894         6136         UUGGUAGA A UUGAGCGA         13856         TCGCTCAA GGCTAGCTACAACGA CGTCACAT         34238           4902         6128         AUUGAGCG A UCAGUCCG         13857         CGGACTGA GGCTAGCTACAACGA CGCTCAAT         34239           4923         6107         GCAUGUUG A UGUUGUCC         13858         GGACAACA GGCTAGCTACAACGA CATGCTG         34240           4938         6092         CCAGCAUG A UGGGCGAA         13860         TTCGCCCA GGCTAGCTACAACGA CATGCTGA         34241           4955         6075         UCAGUCCA A UGGGCGAA         13860         TTCGCCCA GGCTAGCTACAACGA CATGCGA         34244           5013         6017         CAUCACCA A CUUGCGAC         13862         GTCGCAAG GGCTAGCTACAACGA TATGGGG         34244           5020         6010         AACUUGCG A CGGAUUC         13863         GAAATCCG GGCTAGCTACAACGA CGCAGTAGT         34246           5024         6006         UGGACGA A UUCUUCCC         13865         TGACGTA GGCTACAACGA CGCTAGCA         34246           5077         5953         CACUGCAG A UCACUCU	4767	6263	CCGCUGCA A CCUUGUAA	13852	TTACAAGG GGCTAGCTACAACGA TGCAGCGG	34234
4807 6223 AGUCCUCA A CAGUUCCA 13855 TGGAACTG GGCTAGCTACAACGA TGAGGACT 4894 6136 UUGGUAGA A UUGAGCGA 13855 TGGCTCAA GGCTAGCTACAACGA TCTACCAA 34238 4902 6128 AUUGAGCG A UCAGUCCG 13857 CGGACTGA GGCTAGCTACAACGA CCTCAAT 34239 4923 6107 GCAUGUUG A UGUUGUCC 13858 GGACAACA GGCTAGCTACAACGA CACACTGC 34240 4938 6092 CCAGCAUG A UUCGUGCC 13859 GGCACGAA GGCTAGCTACAACGA CATGCTGG 34241 4955 6075 UCAGUCCA A UGGGCGAA 13860 TTCGCCCA GGCTAGCTACAACGA CATGCTGG 34241 4955 6075 UCAGUCCA A UGGGCGAA 13860 TTCGCCCA GGCTAGCTACAACGA CATGCTGG 34241 4997 6033 CCCCCAUA A CAGUACUC 13861 GAGTACTG GGCTAGCTACAACGA TATGGGGG 34243 5013 6017 CAUCACCA A CUUGCGAC 13862 GTCGCAAG GGCTAGCTACAACGA TATGGGGG 34245 5024 6006 UGCGACGG A UUUCUACC 13861 GAGTACTG GGCTAGCTACAACGA TGGTGTATG 34245 5024 6006 UGCGACGG A UUUCUACC 13864 GGTAGAAA GGCTAGCTACAACGA CGCAAGTT 34245 5024 6006 UGCGACGG A UUUCUACC 13864 GGTAGAAA GGCTAGCTACAACGA CGCTAGCT 34246 5034 5996 UUCUACCG A UACGUCCA 13865 TGGACGTA GGCTAGCTACAACGA CGGTAGAA 34247 5077 5953 CACUGCAG A UGGUUCUC 13866 GAGAACCA GGCTAGCTACAACGA CGGTAGAA 34247 5077 5953 CACUGCAG A UCACUCUC 13866 GAGAACCA GGCTAGCTACAACGA CGGCTAGAA 34246 5091 5939 CUCCCAGG A UCACUCUC 13867 GAGAGTGA GGCTAGCTACAACGA CCTGCAGA 34246 5091 5939 CUCCCAGG A UCACUCUC 13867 GAGAGTGA GGCTAGCTACAACGA CCTGGGAG 34245 5118 5912 CUGUUAUG A UGGUUGGU 13869 CAGGGTGA GGCTAGCTACAACGA CCTGGGAG 34251 5185 5845 CAUUUCAG A UAUGUCUC 13867 GAGAGTGA GGCTAGCTACAACGA CATAACAG 34251 5185 5845 CAUUUCAG A UAUGUCUC 13867 GAGAGTGA GGCTAGCTACAACGA CATAACAG 34251 5185 5845 CAUUUCAG A UAUGUCUC 13870 CAGACATA GGCTAGCTACAACGA CATAACAG 34251 5185 5845 CAUUUCAG A UAUGUCUC 13867 GAGAGTAG GGCTAGCTACAACGA CATAACAG 34251 5185 5845 CAUUUCAG A UACACCAU 13867 GAGAGTGA GGCTAGCTACAACGA CATAACAG 34251 5185 5845 CAUUUCAG A UACACCAC 13870 CAGACATA GGCTAGCTACAACGA CATAACAG 134251 5185 5845 CAUUUCAG A UACACCAC 13870 CAGACATA GGCTAGCTACAACGA CATAACAG 134251 5185 5845 CAUUUCAG A UACACCAC 13870 CAGACATA GGCTAGCTACAACGA CATAACAG 134251 5185 5845 CAUUUCAG A CACACCAG A CAACAGA GGCTAGCTACAACGA CAACAGA CACACAGA	4785	6245	CCAGCCAA A CUGGCAGA	13853	TCTGCCAG GGCTAGCTACAACGA TTGGCTGG	34235
4894 6136 UUGGUAGA A UUGAGCGA 13856 TCGCTCAA GGCTAGCTACAACGA TCTACCAA 34238 4902 6128 AUUGAGCG A UCAGUCCG 13857 CGGACTGA GGCTAGCTACAACGA CGCTCAAT 34239 4923 6107 GCAUGUUG A UGUUGUCC 13858 GGACAACA GGCTAGCTACAACGA CACACTGC 34240 4938 6092 CCAGCAUG A UUCGUGCC 13859 GGCACGAA GGCTAGCTACAACGA CACACTGC 34241 4955 6075 UCAGUCCA A UGGGCGAA 13860 TTCGCCCA GGCTAGCTACAACGA CATGCTGA 34242 4997 6033 CCCCCAUA A CAGUACUC 13861 GAGTACTG GGCTAGCTACAACGA TGGACTGA 34242 5013 6017 CAUCACCA A CUUGCGAC 13862 GTCGCAAG GGCTAGCTACAACGA TTGGGGGG 34243 5013 6017 CAUCACCA A CUUGCGAC 13862 GTCGCAAG GGCTAGCTACAACGA TGGTGATG 34244 5020 6010 AACUUGCG A CGGAUUUC 13863 GAAATCCG GGCTAGCTACAACGA TGGTGATG 34245 5024 6006 UGCGACGG A UUCCUACC 13864 GGTAGAAA GGCTAGCTACAACGA CCGTCGCA 34246 5034 5996 UUCUACCG A UACGUCCA 13865 TGGACGTA GGCTAGCTACAACGA CCGTCGCA 34246 5037 5996 UUCUACCG A UGGUUCUC 13865 GAGAACCA GGCTAGCTACAACGA CCGTCGCA 34246 5091 5939 CUCCCAGG A UGCUUCUC 13867 GAGAGTAG GGCTAGCTACAACGA CCGTCGCA 34247 5118 5912 CUGUUAUG A UGGUUGGU 13868 ACCAACCA GGCTAGCTACAACGA CCTGCGAG 34249 5118 5912 CUGUUAUG A UGCUUCUC 13867 GAGAGTGA GGCTAGCTACAACGA CCTGGGAG 34249 518 5882 GGCUGUCA A UCACUCUC 13869 CAGGGTGA GGCTAGCTACAACGA CCTGGGAG 34250 5148 5882 GGCUGUCA A UCACUCUC 13869 CAGGGTGA GGCTAGCTACAACGA CCTGGAAT 34255 5199 5831 CUGUGUG A UAACAAAG 13870 CAGACATA GGCTAGCTACAACGA CAGAACGA 34253 5202 5828 UUGUGADA A CAAAGUCC 13872 GGACTTTG GGCTAGCTACAACGA CTGAAATG 34252 5213 5817 AAGUCCCA UCAUCGUU 13873 AACGACTA GGCTAGCTACAACGA CAGAACAG 34253 5202 5828 UUGUGADA A CAAAGUCC 13872 GGACTTTG GGCTAGCTACAACGA CAGACAGA 34253 5202 5828 UUGUGACA A UCAUCUUU 13874 ACAGAAAG GGCTAGCTACAACGA CAGACAGA 34253 5202 5828 UUGUGACA A UCAUCUUU 13874 ACAGAAAG GGCTAGCTACAACGA TATCAACAA 34254 5213 5817 AAGUCCCA A UCAUCUUU 13874 ACAGAAAG GGCTAGCTACAACGA CGAACAGA 34253 5268 5767 UCUGUACG A CUUCUUU 13877 GAACAAG GGCTAGCTACAACGA CGAACAGA 34255 5268 5768 CCAUCUUG A CACUAGCC 13879 GACTTTG GGCTAGCTACAACGA CGAACAGA 34256 5335 5695 AGGACAA A CCAAACCG 13879 CGGTTTGG GGCTAGCTACAACGA TAGCCCTTT 34259	4793	6237	ACUGGCAG A UCUGCAGU	13854	ACTGCAGA GGCTAGCTACAACGA CTGCCAGT	34236
4902 6128 AUUGAGCG A UCAGUCCG 13857 CGGACTGA GGCTACAACGA CGCTCAAT 34239 4923 6107 GCAUGUUG A UGUUGUCC 13858 GGACAACA GGCTAGCTACAACGA CAACATGC 34240 4938 6092 CCAGCAUG A UUCGUGCC 13859 GGCACGAA GGCTAGCTACAACGA CATGCTGG 34241 4955 6075 UCAGUCCA A UGGGGAA 13860 TTCGCCCA GGCTAGCTACAACGA TAGGACTGA 34242 4997 6033 CCCCCAUA A CAGUACUC 13861 GAGTACTG GGCTAGCTACAACGA TATGGGGG 34243 5013 6017 CAUCACCA A CUUGCGAC 13862 GTCGCAAG GGCTAGCTACAACGA TATGGGGG 34243 5020 6010 AACUUGCG A CGGAUUUC 13863 GAAATCCG GGCTAGCTACAACGA TGGTGATG 34244 5020 6010 AACUUGCG A CGGAUUUC 13863 GAAATCCG GGCTAGCTACAACGA TGGTGATG 34245 5034 5996 UUCUACCCA A UACGUCCA 13864 GGTAGAAA GGCTAGCTACAACGA CGGTAGAA 34247 5077 5953 CACUGCAG A UGACUCUC 13866 GAGAACCA GGCTAGCTACAACGA CGGTAGAA 34247 5091 5939 CUCCCAGG A UCACUCUC 13866 GAGAACCA GGCTAGCTACAACGA CTGCAGTG 34248 5091 5939 CUCCCAGG A UCACUCUC 13867 GAGAGTGA GGCTAGCTACAACGA CTGCAGTG 34246 5018 5982 GGCUGUCA A UCACUCUC 13867 GAGAGTGA GGCTAGCTACAACGA CTGCAGTG 34248 5118 5912 CUGUUAUG A UGGUUGGU 13868 ACCAACCA GGCTAGCTACAACGA CTGCAGTG 34249 5148 5882 GGCUGUCA A UCACUCUC 13869 CAGGGTGA GGCTAGCTACAACGA CTGCAGTG 34250 5148 5882 GGCUGUCA A UCACUCUC 13869 CAGGGTGA GGCTAGCTACAACGA CATAACAG 34251 5155 5845 CAUUUCAG A UACACAGG 13870 CAGACATA GGCTAGCTACAACGA CATAACAG 34251 5159 5831 CUGUUGUG A UAACAAAG 13871 CTTTGTTA GGCTAGCTACAACGA CACAACAG 34253 5202 5828 UUGUGAUA A CAAAGUCC 13872 GGACTTTG GGCTAGCTACAACGA TATCACAA 34254 5213 5817 AAGUCCCA A UCAUCGUU 13874 ACAGAAAG GGCTAGCTACAACGA TATCACAA 34254 5251 5779 CUCGUACG A CUUUCUGU 13874 ACAGAAAG GGCTAGCTACAACGA TATCACAA 34254 5268 5762 UCAAUUGG A CUUCUGU 13875 GAAATGAG GGCTAGCTACAACGA TATCACAA 34255 5268 5762 UCAAUUGG A CUUCUGU 13876 GAAATGAG GGCTAGCTACAACGA TGAACAG 34255 5268 5766 UCAAUUGG A CUUCUGU 13877 GAACAGTAG GGCTAGCTACAACGA TGAACAG 34255 5324 5768 CAUCUUGA A CACAACCG 13879 GACTTGG GGCTAGCTACAACGA TGAACAG 34256 5335 5695 AGGCACAA A CCAAACCG 13879 CGGTTTGG GGCTAGCTACAACGA TAGCCCTTT 34259 5326 5768 CCAUCUUG A CACAACCG 13879 CGGTTTGG GGCTAGCTACAACGA TAGCCCTTT 34259	4807	6223	AGUCCUCA A CAGUUCCA	13855	TGGAACTG GGCTAGCTACAACGA TGAGGACT	34237
4902 6128 AUUGAGCG A UCAGUCCG 13857 CGGACTGA GGCTACAACGA CGCTCAAT 34239 4923 6107 GCAUGUUG A UGUUGUCC 13858 GGACAACA GGCTAGCTACAACGA CAACATGC 34240 4938 6092 CCAGCAUG A UUCGUGCC 13859 GGCACGAA GGCTAGCTACAACGA CATGCTGG 34241 4955 6075 UCAGUCCA A UGGGCGAA 13860 TTCGCCCA GGCTAGCTACAACGA TGGACTGA 34242 4997 6033 CCCCCAUA A CAGUACUC 13861 GAGTACTG GGCTAGCTACAACGA TATGGGGG 34243 5013 6017 CAUCACCA A CUUGCGAC 13862 GTCGCAAG GGCTAGCTACAACGA TATGGGGG 34243 5020 6010 AACUUGCG A CUUGCGAC 13863 GAAATCCG GGCTAGCTACAACGA TGGTGATG 34245 5024 6006 UGCGACCG A UUUCUACC 13864 GGTAGAAA GGCTAGCTACAACGA CGGTAGAT 34245 5034 5996 UUCUACCG A UCACUCCA 13865 TGGACGTA GGCTAGCTACAACGA CGGTAGAA 34247 5077 5953 CACUGCAG A UCACUCUC 13866 GAGAACCA GGCTAGCTACAACGA CTGCAGTG 34248 5091 5939 CUCCCAGG A UCACUCUC 13866 GAGAACCA GGCTAGCTACAACGA CTGCAGTG 34246 5091 5939 CUCCCAGG A UCACUCUC 13867 GAGAGTGA GGCTAGCTACAACGA CTGCAGTG 34248 5091 5939 CUCCCAGG A UCACUCUC 13867 GAGAGTGA GGCTAGCTACAACGA CTGCAGTG 34248 5091 5939 CUCCCAGG A UCACUCUC 13867 GAGAGTGA GGCTAGCTACAACGA CTGCAGTG 34248 5118 5912 CUGUUAUG A UGGUUGUC 13867 GAGAGTGA GGCTAGCTACAACGA CTGCAGTG 34248 5126 5682 GGCUGUCA A UCACUCUC 13869 CAGGGTGA GGCTAGCTACAACGA CTACAACGA CACACACGA CACACACA	4894	6136	UUGGUAGA A UUGAGCGA	13856	TCGCTCAA GGCTAGCTACAACGA TCTACCAA	34238
4923         6107         GCAUGUUG A UGUUGUCC         13858         GGACAACA GGCTAGCTACAACGA CAACATGC         34240           4938         6092         CCAGCAUG A UUCGUGCC         13859         GGCACGAA GGCTAGCTACAACGA CATGCTGG         34241           4955         6075         UCAGUCCA A UGGGCGAA         13860         TTCGCCCA GGCTAGCTACAACGA TGGACTGA         34242           4997         6033         CCCCCAUA A CAGUACUC         13861         GAGTACTG GGCTAGCTACAACGA TGGTGTAT         34243           5013         6017         CAUCACCA A CUUGCGAC         13862         GTCGCAAG GGCTAGCTACAACGA TGGTGTAT         34245           5020         6010         AACUUGCG A CGGAUUC         13863         GAAATCCG GGCTAGCTACAACGA CGCAAGTT         34245           5024         6006         UGCGACGG A UUUCUACC         13864         GGTAGATACAACGA CCGTCGCA         34246           5034         5996         UUCUACCG A UACGUCUC         13866         GAGAACCA GGCTAGCTACAACGA CTGCAGTG         34248           5091         5939         CUCCCAGG A UCACUCUC         13867         GACAGCTA GGCTACCAACGA CTAAACAG         34250           5148         5882         GGCUGUCA A UCACCCUG         13869         CAGGTGG A GCTAACAACGA CTAACAGA         34251           5185         5845         CAUUUCAG A UAUGUUGU	ļ	6128	AUUGAGCG A UCAGUCCG	13857	CGGACTGA GGCTAGCTACAACGA CGCTCAAT	
4938         6092         CCAGCAUG A UUCGUGCC         13859         GGCACGAA GGCTAGCTACAACGA CATGCTGG         34241           4955         6075         UCAGUCCA A UGGGCGAA         13860         TTCGCCCA GGCTAGCTACAACGA TGGACTGA         34242           4997         6033         CCCCCAUA A CAGUACUC         13861         GAGTACTG GGCTAGCTACAACGA TATGGGGG         34243           5013         6017         CAUCACCA A CUUGCGAC         13862         GTCGCAAG GGCTAGCTACAACGA CGCAAGTT         34244           5020         6010         AACUUGCG A CGGAUUUC         13864         GGTAGAAA GGCTAGACCAA CCGACGAT         34245           5024         6006         UGGGACGG A UUCUACCC         13865         TGGACGTA GGCTAGCTACAACGA CCGTCGCA         34246           5034         5996         UUCUACCG A UACGUCC         13865         TGGACGTA GGCTAGCTACAACGA CGTCAGTA         34247           5077         5953         CACUGCAG A UCACUUC         13867         GAGAGTGA GGCTAGCTACAACGA CTGCAGTG         34248           5091         5939         CUCCCAGG A UCACCUUC         13867         GAGAGTGA GGCTAGCTACAACGA CTGAACGA         34250           5148         5882         GGCUGUCA A UCACCCUG         13869         CAGGCTAGCTACAACGA TGACACCA         34251           5185         5845         CAUUUCAG A UACACCCU <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>						
4955         6075         UCAGUCCA A UGGGCGAA         13860         TTCGCCCA GGCTAGCTACAACGA TGGACTGA         34242           4997         6033         CCCCCAUA A CAGUACUC         13861         GAGTACTG GGCTAGCTACAACGA TATGGGGG         34243           5013         6017         CAUCACCA A CUUGCGAC         13862         GTCGCAAG GGCTAGCTACAACGA TGGTGATG         34244           5020         6010         AACUUGCG A CGGAUUUC         13863         GAAATCCG GGCTAGCTACAACGA CGGCAGTT         34245           5024         6006         UGCGACGG A UUUCUACC         13864         GGTAGAGA GGCTACAACGA CGGTAGAA         34246           5034         5996         UUCUACCG A UACGUCUC         13865         TGGACGTA GGCTACAACGA CGGCAGGTG         34248           5091         5939         CUCCCAGG A UGGUUCUC         13867         GAGAGTGA GGCTAGCTACAACGA CTGCAGTG         34249           5118         5912         CUGUUAUG A UGGUUGU         13868         ACCAACCA GGCTAGCTACAACGA CTGAACGA         34250           5148         5882         GGCUGUCA A UCACCCUG         13869         CAGGGTGA GGCTACAACGA CTGAACGA         34252           5199         5831         CUGUUCAG A UACACCGG         13870         CAGACATA GGCTACAACGA TACAACGA TACACGA         34253           5202         5828         UUGUGAUA A CAAAGU						
4997         6033         CCCCCAUA A CAGUACUC         13861         GAGTACTG GGCTAGCTACAACGA TATGGGGG         34243           5013         6017         CAUCACCA A CUUGCGAC         13862         GTCGCAAG GGCTAGCTACAACGA TGGTGATG         34244           5020         6010         AACUUGCG A CGGAUUUC         13863         GAAATCCG GGCTAGCTACAACGA CGCAAGTT         34245           5024         6006         UGCGACGG A UUCUCACC         13864         GGTAGAA GGCTACAACGA CGGTAGAA         34246           5034         5996         UUCUACCG A UACGUCCA         13865         TGGACGTA GGCTACAACGA CGGCTAGCAACGA         34248           5091         5939         CUCCCAGG A UCACUCUC         13866         GAGAGTGA GGCTAGCTACAACGA CTGCAGTG         34249           5118         5912         CUGUUAUG A UGACCCUG         13868         ACCAACCA GGCTAGCTACAACGA CATAACAG         34250           5148         5882         GGCUGUCA A UCACCCUG         13869         CAGGGTGA GGCTAGCTACAACGA CAGAACAG         34251           5185         5845         CAUUUCAG A UAUGUCUG         13870         CAGACATA GGCTACAACGA CACAACAG         34252           5202         5828         UUGUGUGA A UACAAAG         13871         CTTTGTTA GGCTACAACGA CACAACAG         34253           5202         5828         UUGUGUGA A UCAUCUGU <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>						
5013         6017         CAUCACCA A CUUGCGAC         13862         GTCGCAAG GGCTAGCTACAACGA TGGTGATG         34244           5020         6010         AACUUGCG A CGGAUUUC         13863         GAAATCCG GGCTAGCTACAACGA CGCAAGTT         34245           5024         6006         UGCGACGG A UUUCUACC         13864         GGTAGAAA GGCTAGCTACAACGA CCGTCGCA         34246           5034         5996         UUCUACCG A UACGUCCA         13865         TGGACGTA GGCTAGCTACAACGA CGGTAGAA         34247           5077         5953         CACUGCAG A UGGUUCUC         13866         GAGAACCA GGCTAGCTACAACGA CTGCAGTG         34248           5091         5939         CUCCCAGG A UCACUCUC         13867         GAGAGTGA GGCTAGCTACAACGA CCTGGAAG         34250           5118         5912         CUGUUAUG A UGGUUGU         13868         ACCAACCA GGCTAGCTACAACGA CATAACAG         34250           5148         5882         GGCUGUCA A UCACCCUG         13869         CAGGTGA GGCTACAACGA CTGAAACG         34251           5199         5831         CUGUUGU A UAACAAAG         13870         CAGACTAA GGCTACAACGA CTGAACGA CTGAACGA         34252           5202         5828         UUGUGAUA A CAAAGUCC         13872         GGACTTTG GGCTACAACGA CACAACAG         34254           5213         5817         AAGUCCCA A UCAU	-					
5020         6010         AACUUGCG A CGGAUUUC         13863         GAAATCCG GGCTAGCTACAACGA CGCAAGTT         34245           5024         6006         UGCGACGG A UUUCUACC         13864         GGTAGAAA GGCTAGCTACAACGA CCGTCGCA         34246           5034         5996         UUCUACCG A UACGUCCA         13865         TGGACGTA GGCTAGCTACAACGA CGGTAGAA         34247           5077         5953         CACUGCAG A UGGUUCUC         13866         GAGAACCA GGCTAGCTACAACGA CTGCAGTG         34248           5091         5939         CUCCCAGG A UCACUCUC         13867         GAGAGTGA GGCTAGCTACAACGA CCTGGAG         34249           5118         5912         CUGUUAUG A UGGUUGGU         13868         ACCAACCA GGCTAGCTACAACGA CATAACAG         34250           5148         5882         GGCUGUCA A UCACCCUG         13869         CAGGGTGA GGCTAGCTACAACGA CTGAAATG         34251           5185         5845         CAUUUCAG A UAUGUCUG         13870         CAGACATA GGCTAGCTACAACGA CTGAACGA         34252           5199         5831         CUGUUGGA A UAACAAAG         13871         CTTTGTTA GGCTAGCTACAACGA TATCACAA         34254           5202         5828         UUGUGAUA A CAAAGUCC         13872         GGACTTTG GGCTAGCTACAACGA TATCACAA         34255           5251         5779         CUCGUCA A				<del></del>		
5024         6006         UGCGACGG A UUUCUACC         13864         GGTAGAAA GGCTAGCTACAACGA CCGTCGCA         34246           5034         5996         UUCUACCG A UACGUCCA         13865         TGGACGTA GGCTAGCTACAACGA CGGTAGAA         34247           5077         5953         CACUGCAG A UGGUUCUC         13866         GAGAACCA GGCTAGCTACAACGA CTGCAGTG         34248           5091         5939         CUCCCAGG A UCACUCUC         13867         GAGAGTGA GGCTAGCTACAACGA CCTGGGAG         34249           5118         5912         CUGUUAUG A UGGUUGGU         13868         ACCAACCA GGCTAGCTACAACGA CATAACAG         34250           5148         5882         GGCUGUCA A UCACCCUG         13869         CAGGGTGA GGCTAGCTACAACGA TGACAGCC         34251           5185         5845         CAUUUCAG A UAGCACUG         13870         CAGACATA GGCTACAACGA CTGAAATG         34252           5199         5831         CUGUUGUG A UAACAAAG         13871         CTTTGTTA GGCTAGCTACAACGA TATCACAA         34254           5202         5828         UUGUGAUA A CAAAGUCC         13872         GGACTTTG GGCTACCAACGA TATCACAA         34254           5213         5817         AAGUCCCA A UCAUCGUU         13873         AACGATAG GGCTAGCTACAACGA TGGACTT         34255           5263         5767         UCUGUUCA A UUGGAC					<u> </u>	
5034         5996         UUCUACCG A UACGUCCA         13865         TGGACGTA GGCTAGCAACGA CGGTAGAA         34247           5077         5953         CACUGCAG A UGGUUCUC         13866         GAGAACCA GGCTAGCTACAACGA CTGCAGTG         34248           5091         5939         CUCCCAGG A UCACUCUC         13867         GAGAGTGA GGCTAGCTACAACGA CTGGAAG         34249           5118         5912         CUGUUAUG A UGGUUGGU         13868         ACCAACCA GGCTAGCTACAACGA CATAACAG         34250           5148         5882         GGCUGUCA A UCACCCUG         13869         CAGGGTGA GGCTAGCTACAACGA CACAACAG         34251           5185         5845         CAUUUCAG A UAUGUCUG         13870         CAGACATA GGCTACAACGA CACAACAG         34252           5199         5831         CUGUUGUG A UAACAAAG         13871         CTTTGTTA GGCTACAACGA CACAACAG         34253           5202         5828         UUGUGAUA A CAAAGUCC         13872         GGACTTG GGCTACCAACGA TACCACAA         34254           5213         5817         AAGUCCCA A UCAUCGU         13873         AACGATGA GGCTACAACGA TGGGACTT         34255           5251         5779         CUCGUACG A CUUUCGU         13874         ACAGAAGG GGCTAGCTACAACGA TGAACAGA TGAACAGA TGAACAGA TGAACAGA CAAACAGA CAAACAGA CAAACAGA CAAACAGA A CUACUUC         13876         GAAAGTAG GGCTAGCTACAA				<del>                                     </del>		
5077         5953         CACUGCAG A UGGUUCUC         13866         GAGAACCA GGCTAGCTACAACGA CTGCAGTG         34248           5091         5939         CUCCCAGG A UCACUCUC         13867         GAGAGTGA GGCTAGCTACAACGA CCTGGGAG         34249           5118         5912         CUGUUAUG A UGGUUGGU         13868         ACCAACCA GGCTAGCTACAACGA CATAACAG         34250           5148         5882         GGCUGUCA A UCACCCUG         13869         CAGGGTGA GGCTAGCTACAACGA TGACAGCC         34251           5185         5845         CAUUUCAG A UAUGUCUG         13870         CAGACATA GGCTAGACGA CTGAAATG         34252           5199         5831         CUGUUGUG A UAACAAAG         13871         CTTTGTTA GGCTAGCTACAACGA CACAACAG         34253           5202         5828         UUGUGAUA A CAAAGUCC         13872         GGACTTTG GGCTAGCTACAACGA TATCACAA         34254           5213         5817         AAGUCCCA A UCAUCGUU         13873         AACGATAG AGCTACAACGA TGGACTT         34255           5251         5779         CUCGUACG A CUUUCUGU         13874         ACAGAAAG GGCTAGCTACAACGA CGAACGA GACAGA         34256           5268         5767         UCUGUUCA A UUGGACUA         13875         TAGTCCAA GGCTACAACGA TGAACAGA TGAACAGA TGAACGA CAATTGA         34258           5304         5726				<del></del>		
5091         5939         CUCCCAGG A UCACUCUC         13867         GAGAGTGA GGCTAGCTACAACGA CCTGGGAG         34249           5118         5912         CUGUUAUG A UGGUUGGU         13868         ACCAACCA GGCTAGCTACAACGA CATAACAG         34250           5148         5882         GGCUGUCA A UCACCCUG         13869         CAGGGTGA GGCTAGCTACAACGA TGACAGCC         34251           5185         5845         CAUUUCAG A UAUGUCUG         13870         CAGACATA GGCTAGCTACAACGA CTGAAATG         34252           5199         5831         CUGUUGUG A UAACAAAG         13871         CTTTGTTA GGCTAGCTACAACGA CACAACAG         34253           5202         5828         UUGUGAUA A CAAAGUCC         13872         GGACTTTG GGCTAGCTACAACGA TACCAAA         34254           5213         5817         AAGUCCCA A UCAUCGUU         13873         AACGATGA GGCTAGCTACAACGA TGGACTT         34255           5251         5779         CUCGUACG A CUUUCUGU         13874         ACAGAAAG GGCTAGCTACAACGA CGTACACGA         34256           5263         5767         UCUGUUCA A UUGGACUA         13875         TAGTCCAA GGCTACAACGA TGAACGA TGAACAGA         34257           5268         5762         UCAAUUGG A CUACUUC         13876         GAAAGTAG GGCTAGCTACAACGA CCAATTGA         34258           5304         5726         AAAGGGC						
5118         5912         CUGUUAUG A UGGUUGGU         13868         ACCAACCA GGCTAGCTACAACGA CATAACAG         34250           5148         5882         GGCUGUCA A UCACCCUG         13869         CAGGGTGA GGCTAGCTACAACGA TGACAGCC         34251           5185         5845         CAUUUCAG A UAUGUCUG         13870         CAGACATA GGCTAGCTACAACGA CTGAAATG         34252           5199         5831         CUGUUGUG A UAACAAAG         13871         CTTTGTTA GGCTAGCTACAACGA CACAACAG         34253           5202         5828         UUGUGAUA A CAAAGUCC         13872         GGACTTTG GGCTAGCTACAACGA TATCACAA         34254           5213         5817         AAGUCCCA A UCAUCGUU         13873         AACGATGA GGCTAGCTACAACGA TGGACTT         34255           5251         5779         CUCGUACG A CUUUCUGU         13874         ACAGAAAG GGCTAGCTACAACGA CGTACAGA         34256           5263         5767         UCUGUUCA A UUGGACUA         13875         TAGTCCAA GGCTAGCTACAACGA TGAACGA         34257           5268         5762         UCAAUUGG A CUACUUC         13876         GAAAGTAG GGCTAGCTACAACGA CCAATTGA         34258           5304         5726         AAAGGGCA A UCUCAUUC         13877         GAATGAGA GGCTAGCTACAACGA CAAGATGG         34260           5322         5708         CCAUCUUG A C					The state of the s	34248
5148         5882         GGCUGUCA A UCACCCUG         13869         CAGGGTGA GGCTAGCTACAACGA TGACAGCC         34251           5185         5845         CAUUUCAG A UAUGUCUG         13870         CAGACATA GGCTAGCTACAACGA CTGAAATG         34252           5199         5831         CUGUUGUG A UAACAAAG         13871         CTTTGTTA GGCTAGCTACAACGA CACAACAG         34253           5202         5828         UUGUGAUA A CAAAGUCC         13872         GGACTTTG GGCTAGCTACAACGA TATCACAA         34254           5213         5817         AAGUCCCA A UCAUCGUU         13873         AACGATGA GGCTAGCTACAACGA TGGAACTT         34255           5251         5779         CUCGUACG A CUUUCUGU         13874         ACAGAAAG GGCTAGCTACAACGA CGTACGAG         34256           5263         5767         UCUGUUCA A UUGGACUA         13875         TAGTCCAA GGCTAGCTACAACGA TGAACAGA         34257           5268         5762         UCAAUUGG A CUACUUC         13876         GAAAGTAG GGCTAGCTACAACGA CCAATTGA         34258           5304         5726         AAAGGGCA A UCUCAUUC         13877         GAATGAGA GGCTAGCTACAACGA TGCCCTTT         34259           5322         5708         CCAUCUUG A CACUAGGC         13878         GCCTAGTG GGCTAGCTACAACGA CAAGATGG         34260           5335         5695         AGGCACAA A	5091	5939	CUCCCAGG A UCACUCUC	13867	GAGAGTGA GGCTAGCTACAACGA CCTGGGAG	34249
5185         5845         CAUUUCAG A UAUGUCUG         13870         CAGACATA GGCTAGCTACAACGA CTGAAATG         34252           5199         5831         CUGUUGUG A UAACAAAG         13871         CTTTGTTA GGCTAGCTACAACGA CACAACAG         34253           5202         5828         UUGUGAUA A CAAAGUCC         13872         GGACTTTG GGCTAGCTACAACGA TATCACAA         34254           5213         5817         AAGUCCCA A UCAUCGUU         13873         AACGATGA GGCTAGCTACAACGA TGGGACTT         34255           5251         5779         CUCGUACG A CUUUCUGU         13874         ACAGAAAG GGCTAGCTACAACGA CGTACGAG         34256           5263         5767         UCUGUUCA A UUGGACUA         13875         TAGTCCAA GGCTAGCTACAACGA TGAACAGA         34257           5268         5762         UCAAUUGG A CUACUUUC         13876         GAAAGTAG GGCTAGCTACAACGA CCAATTGA         34258           5304         5726         AAAGGGCA A UCUCAUUC         13877         GAATGAGA GGCTAGCTACAACGA TGCCCTTT         34259           5322         5708         CCAUCUUG A CACUAGGC         13878         GCCTAGTG GGCTAGCTACAACGA CAAGATGG         34261           5340         5690         CAAACCAA A CCAAACCG         13879         CGGTTTGG GGCTAGCTACAACGA TTGGCCT         34261           5340         5690         CAAACCAA A	5118	5912	CUGUUAUG A UGGUUGGU	13868	ACCAACCA GGCTAGCTACAACGA CATAACAG	34250
5199         5831         CUGUUGUG A UAACAAAG         13871         CTTTGTTA GGCTAGCTACAACGA CACAACAG         34253           5202         5828         UUGUGAUA A CAAAGUCC         13872         GGACTTTG GGCTAGCTACAACGA TATCACAA         34254           5213         5817         AAGUCCCA A UCAUCGUU         13873         AACGATGA GGCTAGCTACAACGA TGGGACTT         34255           5251         5779         CUCGUACG A CUUUCUGU         13874         ACAGAAAG GGCTAGCTACAACGA CGTACGAG         34256           5263         5767         UCUGUUCA A UUGGACUA         13875         TAGTCCAA GGCTAGCTACAACGA TGAACAGA         34257           5268         5762         UCAAUUGG A CUACUUUC         13876         GAAAGTAG GGCTAGCTACAACGA CCAATTGA         34258           5304         5726         AAAGGGCA A UCUCAUUC         13877         GAATGAGA GGCTAGCTACAACGA TGCCCTTT         34259           5322         5708         CCAUCUUG A CACUAGGC         13878         GCCTAGTG GGCTAGCTACAACGA CAAGATGG         34260           5335         5695         AGGCACAA A CCAAACCG         13879         CGGTTTGG GGCTAGCTACAACGA TTGGCCT         34261           5340         5690         CAAACCAA A CCGUCUC         13880         GAAGACGG GGCTAGCTACAACGA TTGGTTTG         34262	5148	5882	GGCUGUCA A UCACCCUG	13869	CAGGGTGA GGCTAGCTACAACGA TGACAGCC	34251
5202         5828         UUGUGAUA A CAAAGUCC         13872         GGACTTTG GGCTAGCTACAACGA TATCACAA         34254           5213         5817         AAGUCCCA A UCAUCGUU         13873         AACGATGA GGCTAGCTACAACGA TGGGACTT         34255           5251         5779         CUCGUACG A CUUUCUGU         13874         ACAGAAAG GGCTAGCTACAACGA CGTACGAG         34256           5263         5767         UCUGUUCA A UUGGACUA         13875         TAGTCCAA GGCTAGCTACAACGA TGAACAGA         34257           5268         5762         UCAAUUGG A CUACUUUC         13876         GAAAGTAG GGCTAGCTACAACGA CCAATTGA         34258           5304         5726         AAAGGGCA A UCUCAUUC         13877         GAATGAGA GGCTAGCTACAACGA TGCCCTTT         34259           5322         5708         CCAUCUUG A CACUAGGC         13878         GCCTAGTG GGCTAGCTACAACGA CAAGATGG         34260           5335         5695         AGGCACAA A CCAAACCG         13879         CGGTTTGG GGCTAGCTACAACGA TTGTGCCT         34261           5340         5690         CAAACCAA A CCGUCUUC         13880         GAAGACGG GGCTAGCTACAACGA TTGGTTTG         34262	5185	5845	CAUUUCAG A UAUGUCUG	13870	CAGACATA GGCTAGCTACAACGA CTGAAATG	34252
5202         5828         UUGUGAUA A CAAAGUCC         13872         GGACTTTG GGCTAGCTACAACGA TATCACAA         34254           5213         5817         AAGUCCCA A UCAUCGUU         13873         AACGATGA GGCTAGCTACAACGA TGGGACTT         34255           5251         5779         CUCGUACG A CUUUCUGU         13874         ACAGAAAG GGCTAGCTACAACGA CGTACGAG         34256           5263         5767         UCUGUUCA A UUGGACUA         13875         TAGTCCAA GGCTAGCTACAACGA TGAACGA         34257           5268         5762         UCAAUUGG A CUACUUUC         13876         GAAAGTAG GGCTAGCTACAACGA CCAATTGA         34258           5304         5726         AAAGGGCA A UCUCAUUC         13877         GAATGAGA GGCTAGCTACAACGA TGCCCTTT         34259           5322         5708         CCAUCUUG A CACUAGGC         13878         GCCTAGTG GGCTAGCTACAACGA CAAGATGG         34260           5335         5695         AGGCACAA A CCAAACCG         13879         CGGTTTGG GGCTAGCTACAACGA TTGTGCCT         34261           5340         5690         CAAACCAA A CCGUCUUC         13880         GAAGACGG GGCTAGCTACAACGA TTGGTTTG         34262	5199	5831	CUGUUGUG A UAACAAAG	13871	CTTTGTTA GGCTAGCTACAACGA CACAACAG	34253
5213         5817         AAGUCCCA A UCAUCGUU         13873         AACGATGA GGCTAGCTACAACGA TGGGACTT         34255           5251         5779         CUCGUACG A CUUUUCGU         13874         ACAGAAAG GGCTAGCTACAACGA CGTACGAG         34256           5263         5767         UCUGUUCA A UUGGACUA         13875         TAGTCCAA GGCTAGCTACAACGA TGAACAGA         34257           5268         5762         UCAAUUGG A CUACUUUC         13876         GAAAGTAG GGCTAGCTACAACGA CCAATTGA         34258           5304         5726         AAAGGGCA A UCUCAUUC         13877         GAATGAGA GGCTAGCTACAACGA TGCCCTTT         34259           5322         5708         CCAUCUUG A CACUAGGC         13878         GCCTAGTG GGCTAGCTACAACGA CAAGATGG         34260           5335         5695         AGGCACAA A CCAAACCG         13879         CGGTTTGG GGCTAGCTACAACGA TTGTGCCT         34261           5340         5690         CAAACCAA A CCGUCUUC         13880         GAAGACGG GGCTAGCTACAACGA TTGGTTTG         34262	5202	5828	UUGUGAUA A CAAAGUCC	13872	GGACTTTG GGCTAGCTACAACGA TATCACAA	
5251         5779         CUCGUACG A CUJUCUGU         13874         ACAGAAAG GGCTAGCTACAACGA CGTACGAG         34256           5263         5767         UCUGUUCA A UUGGACUA         13875         TAGTCCAA GGCTAGCTACAACGA TGAACAGA         34257           5268         5762         UCAAUUGG A CUACUUUC         13876         GAAAGTAG GGCTAGCTACAACGA CCAATTGA         34258           5304         5726         AAAGGGCA A UCUCAUUC         13877         GAATGAGA GGCTAGCTACAACGA TGCCCTTT         34259           5322         5708         CCAUCUUG A CACUAGGC         13878         GCCTAGTG GGCTAGCTACAACGA CAAGATGG         34260           5335         5695         AGGCACAA A CCAAACCG         13879         CGGTTTGG GGCTAGCTACAACGA TTGTGCCT         34261           5340         5690         CAAACCAA A CCGUCUUC         13880         GAAGACGG GGCTAGCTACAACGA TTGGTTTG         34262	5213	5817	AAGUCCCA A UCAUCGUU	<del> </del>		
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5304 5726 AAAGGGCA A UCUCAUUC 13877 GAATGAGA GGCTAGCTACAACGA TGCCCTTT 34259 5322 5708 CCAUCUUG A CACUAGGC 13878 GCCTAGTG GGCTAGCTACAACGA CAAGATGG 34260 5335 5695 AGGCACAA A CCAAACCG 13879 CGGTTTGG GGCTAGCTACAACGA TTGTGCCT 34261 5340 5690 CAAACCAA A CCGUCUUC 13880 GAAGACGG GGCTAGCTACAACGA TTGGTTTG 34262				<del></del>		
5322 5708 CCAUCUUG A CACUAGGC 13878 GCCTAGTG GGCTAGCTACAACGA CAAGATGG 34260 5335 5695 AGGCACAA A CCAAACCG 13879 CGGTTTGG GGCTAGCTACAACGA TTGTGCCT 34261 5340 5690 CAAACCAA A CCGUCUUC 13880 GAAGACGG GGCTAGCTACAACGA TTGGTTTG 34262				<del> </del>		
5335 5695 AGGCACAA A CCAAACCG 13879 CGGTTTGG GGCTAGCTACAACGA TTGTGCCT 34261 5340 5690 CAAACCAA A CCGUCUUC 13880 GAAGACGG GGCTAGCTACAACGA TTGGTTTG 34262	-			<del></del>		
5340 5690 CAAACCAA A CCGUCUUC 13880 GAAGACGG GGCTAGCTACAACGA TTGGTTTG 34262				<del></del>		
FOCA SCIENCE STREET, S						
3504   3600   AUUCUGUG A UCCAUUCG   13881   CGAATGGA GGCTAGCTACAACGA CACAGAAT   34263						
	5364	2000	AUDCUGUG A UCCAUUCG	13881	CGAATGGA GGCTAGCTACAACGA CACAGAAT	34263

	/ 02/00000/				
5393	5637	CAAGCUCG A UCCGGGAU	13882	ATCCCGGA GGCTAGCTACAACGA CGAGCTTG	34264
5400	5630	GAUCCGGG A UCUCAGUC	13883	GACTGAGA GGCTAGCTACAACGA CCCGGATC	34265
5421	5609	AGUCGGAA A UUGGUGAA	13884	TTCACCAA GGCTAGCTACAACGA TTCCGACT	34266
5429	5601	AUUGGUGA A UUGGACUC	13885	GAGTCCAA GGCTAGCTACAACGA TCACCAAT	34267
		UGAAUUGG A CUCUGGGA	13886	TCCCAGAG GGCTAGCTACAACGA CCAATTCA	34268
5434	5596			CAGATCCA GGCTAGCTACAACGA TCCCAGAG	34269
5443	5587	CUCUGGGA A UGGAUCUG	13887		
5447	5583	GGGAAUGG A UCUGAAGU	13888	ACTTCAGA GGCTAGCTACAACGA CCATTCCC	34270
5479	5551	UGUCAUGA A UAUUGCCG	13889	CGGCAATA GGCTAGCTACAACGA TCATGACA	34271
5505	5525	CUAGCUCG A CCUUUGUG	13890	CACAAAGG GGCTAGCTACAACGA CGAGCTAG	34272
5517	5513	UUGUGGAA A UGUAACCU	13891	AGGTTACA GGCTAGCTACAACGA TTCCACAA	34273
5522	5508	GAAAUGUA A CCUCUUGC	13892	GCAAGAGG GGCTAGCTACAACGA TACATTTC	34274
5535	5495	UUGCUGCA A UGCUAGCU	13893	AGCTAGCA GGCTAGCTACAACGA TGCAGCAA	34275
5555	5475	UCGGUGAA A UGAGCCUC	13894	GAGGCTCA GGCTAGCTACAACGA TTCACCGA	34276
				ACAACCTG GGCTAGCTACAACGA TCGTGATG	
5575	5455	CAUCACGA A CAGGUUGU	13895		34277
5605	5425	GUGAGGAG A CAUCAGCC	13896	GGCTGATG GGCTAGCTACAACGA CTCCTCAC	34278
5633	5397	GUAGCAUG A CACAUGAC	13897	GTCATGTG GGCTAGCTACAACGA CATGCTAC	34279
5640	5390	GACACAUG A CAUCAACA	13898	TGTTGATG GGCTAGCTACAACGA CATGTGTC	34280
5646	5384	UGACAUCA A CAAUCUCA	13899	TGAGATTG GGCTAGCTACAACGA TGATGTCA	34281
5649	5381	CAUCAACA A UCUCAUUU	13900	AAATGAGA GGCTAGCTACAACGA TGTTGATG	34282
5683	5347	CACUGCGG A UGUCUGGU	13901	ACCAGACA GGCTAGCTACAACGA CCGCAGTG	34283
5697	5333	GGUACCGG A UGGGCAGU	13902	ACTGCCCA GGCTAGCTACAACGA CCGGTACC	34284
<b></b>			13903	AACCAGGG GGCTAGCTACAACGA TGTGGCTG	34285
5739	5291	CAGCCACA A CCCUGGUU			
5793	5237	CCUCUUUG A UGAUCUGU	13904	ACAGATCA GGCTAGCTACAACGA CAAAGAGG	34286
5796	5234	CUUUGAUG A UCUGUGGC	13905	GCCACAGA GGCTAGCTACAACGA CATCAAAG	34287
5808	5222	GUGGCAGA A UCCUCCUU	13906	AAGGAGGA GGCTAGCTACAACGA TCTGCCAC	34288
5834	5196	GCGCCGGG A UGGAGAUC	13907	GATCTCCA GGCTAGCTACAACGA CCCGGCGC	34289
5840	5190	GGAUGGAG A UCCAGUAC	13908	GTACTGGA GGCTAGCTACAACGA CTCCATCC	34290
5853	5177	GUACAGUG A UCUGUUUU	13909	AAAACAGA GGCTAGCTACAACGA CACTGTAC	34291
5884	5146	AGGUUCGA A UCCGGCUG	13910	CAGCCGGA GGCTAGCTACAACGA TCGAACCT	34292
		CGGCUGGG A UUGGCUCA	13911	TGAGCCAA GGCTAGCTACAACGA CCCAGCCG	34293
5895	5135				
5958	5072	GCAUUAUG A CUCCAUUG	13912	CAATGGAG GGCTAGCTACAACGA CATAATGC	34294
5979	5051	AAAGCCCA A UCACAUCA	13913	TGATGTGA GGCTAGCTACAACGA TGGGCTTT	34295
6016	5014	UGAGCCUG A UGUUCCAG	13914	CTGGAACA GGCTAGCTACAACGA CAGGCTCA	34296
6051	4979	CGGCCCCG A UUUCUCCU	13915	AGGAGAAA GGCTAGCTACAACGA CGGGGCCG	34297
6073	4957	UGUUUUGA A CACCCCUG	13916	CAGGGGTG GGCTAGCTACAACGA TCAAAACA	34298
6093	4937	UCGUCUGG A CGUUCUUA	13917	TAAGAACG GGCTAGCTACAACGA CCAGACGA	34299
6102	4928	CGUUCUUA A CGUUCUUG	13918	CAAGAACG GGCTAGCTACAACGA TAAGAACG	34300
6126	4904	CCACCACA A UCAUCUGC	13919	GCAGATGA GGCTAGCTACAACGA TGTGGTGG	34301
6166	4864	GUGCUGCA A UUUCCAGG	13920	CCTGGAAA GGCTAGCTACAACGA TGCAGCAC	34302
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6185	4845	CCUCCGUA A CAAAGUCG	13921	CGACTTTG GGCTAGCTACAACGA TACGGAGG	34303
6194	4836	CAAAGUCG A UCCUCCUU	13922	AAGGAGGA GGCTAGCTACAACGA CGACTTTG	34304
6204	4826	CCUCCUUG A CACUGCCC	13923	GGGCAGTG GGCTAGCTACAACGA CAAGGAGG	34305
6285	4745	UGUGGAAA A CACCUUCA	13924	TGAAGGTG GGCTAGCTACAACGA TTTCCACA	34306
6294	4736	CACCUUCA A CCAUCACG	13925	CGTGATGG GGCTAGCTACAACGA TGAAGGTG	34307
6317	4713	CCUGCUUG A UAACUGCC	13926	GGCAGTTA GGCTAGCTACAACGA CAAGCAGG	34308
6320	4710	GCUUGAUA A CUGCCGAG	13927		34309
6345	4685	GAGUCAUG A UCCUGUAG	13928		34310
6354	4676	UCCUGUAG A CGCCGGUG	13929	<u> </u>	34311
		<u> </u>	<del>                                     </del>		
6409	4621	GUCCCACA A CACGCCUC	13930		34312
6448	4582	UAUCCAAA A UCCAACUA	13931	<u> </u>	34313
6453	4577	AAAAUCCA A CUACUGAG	13932	CTCAGTAG GGCTAGCTACAACGA TGGATTTT	34314
6468	4562	AGGGCAAG A UUGCCCAG	13933	CTGGGCAA GGCTAGCTACAACGA CTTGCCCT	34315
6492	4538	ACGCACUA A UCGCGAGA	13934	TCTCGCGA GGCTAGCTACAACGA TAGTGCGT	34316
6500	4530	AUCGCGAG A CAGACCAU	13935	ATGGTCTG GGCTAGCTACAACGA CTCGCGAT	34317
6504	4526	CGAGACAG A CCAUUCUG	13936		34318
6542	4488	GCUCCUGG A UCAUUCAU	13937		34319
6588	4442	GCACAUCA A CUCUUUCG	13938		34320
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6633	4397	CCCAGGAA A UGUCCGCC	13940		34322
6651	4379	UUCUCUCA A UCCACAUA	13941	<del></del>	34323
6667	4363	AUCUGUUG A UUUCCCAG	13942	CTGGGAAA GGCTAGCTACAACGA CAACAGAT	34324
6678	4352	UCCCAGAA A UCACGAAA	13943	TTTCGTGA GGCTAGCTACAACGA TTCTGGGA	34325
6694	4336	AGCAGCAA A CAUGAGCC	13944	GGCTCATG GGCTAGCTACAACGA TTGCTGCT	34326
				<u> </u>	

Table XI

6708	4322	GCCCGCG A UAGUCAUU	13945	AATGACTA GGCTAGCTACAACGA CGCGGGGC	34327
6720	4310	UCAUUGGA A UGGCCAUG	13946	CATGGCCA GGCTAGCTACAACGA TCCAATGA	34328
6735	4295	UGGAGUCA A UGUCAAGC	13947	GCTTGACA GGCTAGCTACAACGA TGACTCCA	34329
6759	4271	GCCCUCCG A CGAUGGCA	13948	TGCCATCG GGCTAGCTACAACGA CGGAGGGC	34330
6762	4268	CUCCGACG A UGGCAAAC	13949	GTTTGCCA GGCTAGCTACAACGA CGTCGGAG	34331
6769	4261	GAUGGCAA A CAUUAGGC	13950	GCCTAATG GGCTAGCTACAACGA TTGCCATC	34332
6780	4250	UUAGGCCG A CAGCUGUC	13951	GACAGCTG GGCTAGCTACAACGA CGGCCTAA	34333
6827	4203	CGGUUGGG A UCACAUGC	13952	GCATGTGA GGCTAGCTACAACGA CCCAACCG	34334
6837	4193	CACAUGCA A UCAGUCCA	13953	TGGACTGA GGCTAGCTACAACGA TGCATGTG	34335
6855	4175	CAGCAAGG A UCAUGGGG	13954	CCCCATGA GGCTAGCTACAACGA CCTTGCTG	34336
6902	4128	CAUAGCAG A CUUGCUCC	13955	GGAGCAAG GGCTAGCTACAACGA CTGCTATG	34337
6945	4085	UCUCCUG A UCAAGCUG	13956	CAGCTTGA GGCTAGCTACAACGA CAGGGAGA	34338
6963	4067	CUAUUCCG A CCAUCAAC	13957	GTTGATGG GGCTAGCTACAACGA CGGAATAG	34339
6970	4060	GACCAUCA A CAGCAGUA	13958	TACTGCTG GGCTAGCTACAACGA TGATGGTC	34340
6995		ACAUCCAG A UUCAAGCA	13959	TGCTTGAA GGCTAGCTACAACGA CTGGATGT	34341
	4035				
7038	3992	GCAGCGGA A CAACCACG	13960	CGTGGTTG GGCTAGCTACAACGA TCCGCTGC	34342
7041	3989	GCGGAACA A CCACGUUU	13961	AAACGTGG GGCTAGCTACAACGA TGTTCCGC	34343
7051	3979	CACGUUUG A UGUCGUUG	13962	CAACGACA GGCTAGCTACAACGA CAAACGTG	34344
7063	3967	CGUUGUGA A UGUUAUGG	13963	CCATAACA GGCTAGCTACAACGA TCACAACG	34345
7103	3927	GCCAGUGA A UUCAACAC	13964	GTGTTGAA GGCTAGCTACAACGA TCACTGGC	34346
7108	3922	UGAAUUCA A CACAUCAG	13965	CTGATGTG GGCTAGCTACAACGA TGAATTCA	34347
7119	3911	CAUCAGGG A UCUCCCAG	13966	CTGGGAGA GGCTAGCTACAACGA CCCTGATG	34348
7134	3896	AGAGCAGA A UUUGGCGG	13967	CCGCCAAA GGCTAGCTACAACGA TCTGCTCT	34349
7151	3879	GCAUCGUG A UAAGCCAU	13968	ATGGCTTA GGCTAGCTACAACGA CACGATGC	34350
7170	3860	GAAAGAAA A CAGCCGCC	13969	GGCGGCTG GGCTAGCTACAACGA TTTCTTTC	34351
7180	3850	AGCCGCCA A CAUCAACA	13970	TGTTGATG GGCTAGCTACAACGA TGGCGGCT	34352
7186	3844	CAACAUCA A CAAAAUGU	13971	ACATTITG GGCTAGCTACAACGA TGATGTTG	34353
7191	3839	UCAACAAA A UGUUCUCC	13972	GGAGAACA GGCTAGCTACAACGA TTTGTTGA	34354
7225	3805	UUUGAGAA A CGAUGCCA	13973	TGGCATCG GGCTAGCTACAACGA TTCTCAAA	34355
7228	3802	GAGAAACG A UGCCACCA	13974	TGGTGGCA GGCTAGCTACAACGA CGTTTCTC	34356
7240	3790	CACCAUAA A CACUGGUU	13975	AACCAGTG GGCTAGCTACAACGA TTATGGTG	34357
7298	3732	CCUCCCGA A UUAGAUUC	13976	GAATCTAA GGCTAGCTACAACGA TCGGGAGG	34358
7303	3727	CGAAUUAG A UUCUGCGA	13977	TCGCAGAA GGCTAGCTACAACGA CTAATTCG	34359
7329	3701	CCACCAAG A UGACAUAG	13978	CTATGTCA GGCTAGCTACAACGA CTTGGTGG	34360
7332	3698	CCAAGAUG A CAUAGCGU	13979	ACGCTATG GGCTAGCTACAACGA CATCTTGG	34361
7342	3688	AUAGCGUA A CACAUCAG	13980	CTGATGTG GGCTAGCTACAACGA TACGCTAT	34362
7359	3671	UGUAAGUA A UGCCCCCA	13981	TGGGGGCA GGCTAGCTACAACGA TACTTACA	34363
7369	3661	GCCCCCAA A CACCAGGA	13982	TCCTGGTG GGCTAGCTACAACGA TTGGGGGC	34364
7377	3653	ACACCAGG A CUAGCAGA	13983	TCTGCTAG GGCTAGCTACAACGA CCTGGTGT	34365
7389	3641	GCAGAGCA A UCAGUAUA	13984	TATACTGA GGCTAGCTACAACGA TGCTCTGC	34366
7410	3620	GCAUGCUG A UCUUGGCU	13985	AGCCAAGA GGCTAGCTACAACGA CAGCATGC	34367
7437	3593	UGCGAAGG A CCUCCUGG	13986		
<u> </u>	3574			CCAGGAGG GGCTAGCTACAACGA CCTTCGCA TGGTCGTG GGCTAGCTACAACGA TCTTGGCC	34368
7456 7461	3574	GGCCAAGA A CACGACCA AGAACACG A CCAGAAGG	13987		34369
			13988	CCTTCTGG GGCTAGCTACAACGA CGTGTTCT	34370
7474	3556	AAGGCCCA A CUGAAAAG	13989		34371
7488	3542	AAGGGUCA A UCAUAUCA	13990	TGATATGA GGCTAGCTACAACGA TGACCCTT	34372
7519	3511	CACUUGUG A CUGCACGA	13991	TCGTGCAG GGCTAGCTACAACGA CACAAGTG	34373
7557	3473	GUGGUCUG A UCUCCAUA	13992	TATGGAGA GGCTAGCTACAACGA CAGACCAC	34374
7574	3456	CCAUACCA A CAGCCGCU	13993	AGCGGCTG GGCTAGCTACAACGA TGGTATGG	34375
7631	3399	CAGCACCA A UCUGUUAU	13994	ATAACAGA GGCTAGCTACAACGA TGGTGCTG	34376
7642	3388	UGUUAUCA A CUUUCCGC	13995	GCGGAAAG GGCTAGCTACAACGA TGATAACA	34377
7707	3323	UCAGGGUG A CCGUAGUU	13996	AACTACGG GGCTAGCTACAACGA CACCCTGA	34378
7727	3303	GGGCAGUA A UCGAAGUC	13997	GACTTCGA GGCTAGCTACAACGA TACTGCCC	34379
7737	3293	CGAAGUCA A UCUCUACC	13998	GGTAGAGA GGCTAGCTACAACGA TGACTTCG	34380
7796	3234	GGUCUCCG A UUGUGAUU	13999	AATCACAA GGCTAGCTACAACGA CGGAGACC	34381
7802	3228	CGAUUGUG A UUGCUUCG	14000	CGAAGCAA GGCTAGCTACAACGA CACAATCG	34382
7827	3203	CCAGUGUG A CUGGUAUU	14001	AATACCAG GGCTAGCTACAACGA CACACTGG	34383
7854	3176	UCUCAAGG A UUCCAUCG	14002	CGATGGAA GGCTAGCTACAACGA CCTTGAGA	34384
7897	3133	CGUACAUG A UUUGACUU	14003	AAGTCAAA GGCTAGCTACAACGA CATGTACG	34385
7902	3128	AUGAUUUG A CUUCACCC	14004	GGGTGAAG GGCTAGCTACAACGA CAAATCAT	34386
7914	3116	CACCCAGA A CUGCCCUU	14005	AAGGCAG GGCTAGCTACAACGA TCTGGGTG	34387
7956	3074	UGCUUUCA A UCCAAUAG	14006	CTATTGGA GGCTAGCTACAACGA TGAAAGCA	34388
7961	3069	UCAAUCCA A UAGGACAG	14007	CTGTCCTA GGCTAGCTACAACGA TGGATTGA	34389
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Table XI

		<u> </u>			
7966	3064	CCAAUAGG A CAGGUCAC	14008	GTGACCTG GGCTAGCTACAACGA CCTATTGG	34390
7980	3050	CACUGUGG A UCGCCAAG	14009	CTTGGCGA GGCTAGCTACAACGA CCACAGTG	34391
7998	3032	UGUUCUUG A CAGCCGUU	14010	AACGGCTG GGCTAGCTACAACGA CAAGAACA	34392
8010	3020	CCGUUCCA A UGAUCUUC	14011	GAAGATCA GGCTAGCTACAACGA TGGAACGG	34393
8013	3017	UUCCAAUG A UCUUCGAG	14012	CTCGAAGA GGCTAGCTACAACGA CATTGGAA	34394
8049	2981	UCUCUCUG A CCUUCAGG	14013	CCTGAAGG GGCTAGCTACAACGA CAGAGAGA	34395
8059	2971	CUUCAGGA A CAUCCGAG	14014	CTCGGATG GGCTAGCTACAACGA TCCTGAAG	34396
8078	2952	CUGGUGAG A CCAAAUCC	14015	GGATTTGG GGCTAGCTACAACGA CTCACCAG	34397
8083	2947	GAGACCAA A UCCAAAAU	14016	ATTTTGGA GGCTAGCTACAACGA TTGGTCTC	34398
8090	2940	AAUCCAAA A UCCUCCAC	14017	GTGGAGGA GGCTAGCTACAACGA TTTGGATT	34399
8120	2910	CAAGCGCG A UUCUGAGU	14018	ACTCAGAA GGCTAGCTACAACGA CGCGCTTG	34400
8132	2898	UGAGUCGG A CAUUCCUU	14019	AAGGAATG GGCTAGCTACAACGA CCGACTCA	34401
8150	2880	GUCUCCGG A CCAUCAAC	14020	GTTGATGG GGCTAGCTACAACGA CCGGAGAC	34402
8157	2873	GACCAUCA A CCACAAAG	14021	CTTTGTGG GGCTAGCTACAACGA TGATGGTC	34403
8191	2839	UGGUGCAA A UAAAAUAC	14022	GTATTTTA GGCTAGCTACAACGA TTGCACCA	34404
8196	2834	CAAAUAAA A UACUCUUU	14023	AAAGAGTA GGCTAGCTACAACGA TTTATTTG	34405
8223	2807	UCCAGCCA A UUUCCAAU	14024	ATTGGAAA GGCTAGCTACAACGA TGGCTGGA	34406
8230	2800	AAUUUCCA A UUUUUCCG	14025	CGGAAAAA GGCTAGCTACAACGA TGGAAATT	34407
8266	2764	AGGUGCUG A CUUGUACA	14026	TGTACAAG GGCTAGCTACAACGA CAGCACCT	34408
8292	2738	GUUUCUCA A CCACGACA	14027	TGTCGTGG GGCTAGCTACAACGA TGAGAAAC	34409
8298	2732	CAACCACG A CACUAAGG	14028	CCTTAGTG GGCTAGCTACAACGA CGTGGTTG	34410
8366	2664	CACAUUUG A UGCUCCAG	14029	CTGGAGCA GGCTAGCTACAACGA CAAATGTG	34411
8382	2648	GUCUGGAA A CUGAUCGU	14030	ACGATCAG GGCTAGCTACAACGA TTCCAGAC	34412
8386	2644	GGAAACUG A UCGUAGAC	14030	GTCTACGA GGCTAGCTACAACGA CAGTTTCC	34413
		GAUCGUAG A CCGCACAC	14032	GTGTGCGG GGCTAGCTACAACGA CTACGATC	34414
8393	2637		14032	CAAGATCA GGCTAGCTACAACGA TCAGAAAG	34415
8424	2606	CUUUCUGA A UGAUCUUG		AGCCAAGA GGCTAGCTACAACGA CATTCAGA	34416
8427	2603	UCUGAAUG A UCUUGGCU UCAGGGUA A UACUUGUA	14034	TACAAGTA GGCTAGCTACAACGA TACCCTGA	34417
8459	2571		14036	GTGGAGTG GGCTAGCTACAACGA TCATACAC	34418
8503	2527	GUGUAUGA A CACUCCAC		CATAGACA GGCTAGCTACAACGA CAGCCGGC	34419
8538	2492	GCCGGCUG A UGUCUAUG	14037	TGGAGGAG GGCTAGCTACAACGA TCTGCTCT	34420
8592	2438	AGAGCAGA A CUCCUCCA	14038	TCTCGCAG GGCTAGCTACAACGA TCGGCTCT	34421
8601	2429	CUCCUCCA A CUGCGAGA	14039	CTCTCACG GGCTAGCTACAACGA TTCTCGCA	34422
8611	2419	UGCGAGAA A CGUGAGAG AGCUAUGG A CCUAUCAC	14041	GTGATAGG GGCTAGCTACAACGA CCATAGCT	34423
8626	2404		14042	GATGGGCA GGCTAGCTACAACGA CAATGCTC	34424
8643	2387	GAGCAUUG A UGCCCAUC		CTCTCCTG GGCTAGCTACAACGA TGTGGATG	34425
8656	2374	CAUCCACA A CAGGAGAG	14043	CGCAAGGA GGCTAGCTACAACGA TGTGGATG	34425
8674	2356	CCCCAGCA A UCCUUGCG	14044	GAGGCATG GGCTAGCTACAACGA CCTGGATA	34427
8692	2338	UAUCCAGG A CAUGCCUC			
8704	2326	GCCUCCGA A CAGUGAGC	14046	GCTCACTG GGCTAGCTACAACGA TCGGAGGC GAGGAGCA GGCTAGCTACAACGA TCCGCTCA	34428
8716	2314	UGAGCGGA A UGCUCCUC	14047		34429
8728	2302	UCCUCCGA A CACUUGAU	14048	ATCAAGTG GGCTAGCTACAACGA TCGGAGGA	34430
8735	2295	AACACUUG A UGGACAGC	14049	GCTGTCCA GGCTAGCTACAACGA CAAGTGTT	34431
8739	2291	CUUGAUGG A CAGCCUUC	14050	GAAGGCTG GGCTAGCTACAACGA CCATCAAG	34432
8751	2279	CCUUCCCA A CUGAGGUG	14051	CACCTCAG GGCTAGCTACAACGA TGGGAAGG	34433
8761	2269	UGAGGUGA A CACCCCUC	14052		34434
8772	2258	CCCCUCCA A CUGAUCCA	14053		34435
8776	2254	UCCAACUG A UCCAAAGU	14054	<b>↓</b>	34436
8853	2177	CUUUGCCA A UGCUGCUU	14055		34437
8866	2164	GCUUCCAG A CUUGUGCC	14056		34438
8876	2154	UUGUGCCA A UGGUGAUU	14057		34439
8882	2148	CAAUGGUG A UUGAUCUG	14058		34440
8886	2144	GGUGAUUG A UCUGUUGU	14059		34441
8941	2089	UGGUUCCA A UUCAAUCA	14060		34442
8946	2084	CCAAUUCA A UCAGGACC	14061		34443
8952	2078	CAAUCAGG A CCUUAGCG	14062	<del> </del>	34444
8979	2051	CCACUGAA A CAAAAGGG	14063	<u> </u>	34445
8991	2039	AAGGGUUG A CAGUGACC	14064		34446
8997	2033	UGACAGUG A CCAAUCUG	14065		34447
9001	2029	AGUGACCA A UCUGCCCA	14066	<u> </u>	34448
9028	2002	GUCGUUCA A UGAAGCCA	14067		34449
9040	1990	AGCCACUG A CGAGAUAG	14068	<del></del>	34450
9045	1985	CUGACGAG A UAGGAACU	14069	<del> </del>	34451
9051	1979	AGAUAGGA A CUUUGCAA	14070	TTGCAAAG GGCTAGCTACAACGA TCCTATCT	34452

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9085	1945	GUACUGCA A UUCCAACA	14071	TGTTGGAA GGCTAGCTACAACGA TGCAGTAC	34453
9091	1939	CAAUUCCA A CACCACAG	14072	CTGTGGTG GGCTAGCTACAACGA TGGAATTG	34454
9107	1923	GUGCCGUG A CCUGUGUC	14073	GACACAGG GGCTAGCTACAACGA CACGGCAC	34455
9133	1897	CCCAAGAA A CUUGAAAG	14074	CTTTCAAG GGCTAGCTACAACGA TTCTTGGG	34456
9149	1881	GCCUUUGA A CAGACGCC	14075	GGCGTCTG GGCTAGCTACAACGA TCAAAGGC	34457
9153	1877	UUGAACAG A CGCCAUAG	14076	CTATGGCG GGCTAGCTACAACGA CTGTTCAA	34458
9175	1855	UCCCUUCA A CUGCAAUU	14077	AATTGCAG GGCTAGCTACAACGA TGAAGGGA	34459
9181	1849	CAACUGCA A UUUUUCCA	14078	TGGAAAAA GGCTAGCTACAACGA TGCAGTTG	34460
9209	1821	CACUUCAA A UGACCCGA	14079	TCGGGTCA GGCTAGCTACAACGA TTGAAGTG	34461
<del></del>		UUCAAAUG A CCCGACGU	14080	ACGTCGGG GGCTAGCTACAACGA CATTTGAA	34462
9212	1818				
9217	1813	AUGACCCG A CGUCAACU	14081	AGTTGACG GGCTAGCTACAACGA CGGGTCAT	34463
9223	1807	CGACGUCA A CUUGACAG	14082	CTGTCAAG GGCTAGCTACAACGA TGACGTCG	34464
9228	1802	UCAACUUG A CAGUGUUG	14083	CAACACTG GGCTAGCTACAACGA CAAGTTGA	34465
9244	1786	GCUUGAAA A UUCCACAG	14084	CTGTGGAA GGCTAGCTACAACGA TTTCAAGC	34466
9255	1775	CCACAGGA A UGGCUCCA	14085	TGGAGCCA GGCTAGCTACAACGA TCCTGTGG	34467
9275	1755	AAAGCUUG A UGCAGAGC	14086	GCTCTGCA GGCTAGCTACAACGA CAAGCTTT	34468
9301	1729	UGAGCCCA A UGCUAUCA	14087	TGATAGCA GGCTAGCTACAACGA TGGGCTCA	34469
9313	1717	UAUCACAG A CUGCUUCG	14088	CGAAGCAG GGCTAGCTACAACGA CTGTGATA	34470
9340	1690	UUCCUCAA A CUCCAUUA	14089	TAATGGAG GGCTAGCTACAACGA TTGAGGAA	34471
9349	1681	CUCCAUUA A CGUCUCUC	14090	GAGAGACG GGCTAGCTACAACGA TAATGGAG	34472
9412	1618	GUCCAUGA A CCACUCAC	14091	GTGAGTGG GGCTAGCTACAACGA TCATGGAC	34473
9422	1608	CACUCACG A UGGACCAA	14092	TTGGTCCA GGCTAGCTACAACGA CGTGAGTG	34474
9426	1604	CACGAUGG A CCAAGAAC	14093	GTTCTTGG GGCTAGCTACAACGA CCATCGTG	34475
9433	1597	GACCAAGA A CGUCUUUG	14094	CAAAGACG GGCTAGCTACAACGA TCTTGGTC	34476
9447	1583	UUGUUCCA A CAGUCAUC	14095	GATGACTG GGCTAGCTACAACGA TGGAACAA	34477
9477	1553	UGGUGUCA A UCCCUGAC	14096	GTCAGGGA GGCTAGCTACAACGA TGACACCA	34478
9484	1546	AAUCCCUG A CCGUGGUU	14097	AACCACGG GGCTAGCTACAACGA CAGGGATT	34479
<b>-</b>					
9558	1472	CAGGAGUG A UGCUGAAU	14098	ATTCAGCA GGCTAGCTACAACGA CACTCCTG	34480
9565	1465	GAUGCUGA A UCUCCCUG	14099	CAGGGAGA GGCTAGCTACAACGA TCAGCATC	34481
9588	1442	UGGCUCCA A CCUGUGUG	14100	CACACAGG GGCTAGCTACAACGA TGGAGCCA	34482
9613	1417	UCCGUGCG A CUCCACAG	14101	CTGTGGAG GGCTAGCTACAACGA CGCACGGA	34483
9636	1394	GUCCAUGG A CAAAAAUG	14102	CATTITTG GGCTAGCTACAACGA CCATGGAC	34484
9642	1388	GGACAAAA A UGGCCACU	14103	AGTGGCCA GGCTAGCTACAACGA TTTTGTCC	34485
9660	1370	CGUACUUG A UAUUCUCU	14104	AGAGAATA GGCTAGCTACAACGA CAAGTACG	34486
9675	1355	CUUUCAAG A UGGUUCUU	14105	AAGAACCA GGCTAGCTACAACGA CTTGAAAG	34487
9709	1321	GCAGGCAA A UUUGGCGC	14106	GCGCCAAA GGCTAGCTACAACGA TTGCCTGC	34488
9726	1304	AUGUGUCA A UGCUUCCU	14107	AGGAAGCA GGCTAGCTACAACGA TGACACAT	34489
9742	1288	UUUGCCAA A UAAUCCGC	14108	GCGGATTA GGCTAGCTACAACGA TTGGCAAA	34490
9745	1285	GCCAAAUA A UCCGCAGC	14109	GCTGCGGA GGCTAGCTACAACGA TATTTGGC	34491
9863	1167	GUGGAGAG A UCGCUGAC	14110	GTCAGCGA GGCTAGCTACAACGA CTCTCCAC	34492
9870	1160	GAUCGCUG A CGGUAGCC	14111	GGCTACCG GGCTAGCTACAACGA CAGCGATC	34493
9881	1149	GUAGCCAA A UAGCAAUA	14112	TATTGCTA GGCTAGCTACAACGA TTGGCTAC	34494
9887	1143	AAAUAGCA A UAACUGCG	14113	CGCAGTTA GGCTAGCTACAACGA TGCTATTT	34495
9890	1140	UAGCAAUA A CUGCGGAC	14114	GTCCGCAG GGCTAGCTACAACGA TATTGCTA	34496
9897	1133	AACUGCGG A CCUCUGCC	14115		34497
9912	1118	CCAGGUUG A CCGCCUCC	14116	GGAGGCGG GGCTAGCTACAACGA CAACCTGG	34498
9942	1088	UCACAUCG A UGGUAGGC	14117	GCCTACCA GGCTAGCTACAACGA CAACCTGG	
9961	1069	GUCCUUAG A CAUGAUAG		CTATCATG GGCTAGCTACAACGA CTAAGGAC	34499
<u> </u>		UAGACAUG A UAGUCACG	14118		34500
9966	1064		14119	CGTGACTA GGCTAGCTACAACGA CATGTCTA	34501
9993	1037	CUUCGAGA A CCAAAUCC	14120	GGATTTGG GGCTAGCTACAACGA TCTCGAAG	34502
9998	1032	AGAACCAA A UCCACCCA	14121	TGGGTGGA GGCTAGCTACAACGA TTGGTTCT	34503
10018	1012	UGCUCCAG A CACUCCUU	14122	AAGGAGTG GGCTAGCTACAACGA CTGGAGCA	34504
10090	940	CAAAAGCA A UAGCACGA	14123	TCGTGCTA GGCTAGCTACAACGA TGCTTTTG	34505
10098	932	AUAGCACG A CAAACACA	14124	TGTGTTTG GGCTAGCTACAACGA CGTGCTAT	34506
10102	928	CACGACAA A CACAACUC	14125	GAGTTGTG GGCTAGCTACAACGA TTGTCGTG	34507
10107	923	CAAACACA A CUCUCUGC	14126	GCAGAGAG GGCTAGCTACAACGA TGTGTTTG	34508
10139	891	AGCAUCCA A CCAAUGAC	14127	GTCATTGG GGCTAGCTACAACGA TGGATGCT	34509
10143	887	UCCAACCA A UGACGGCU	14128	AGCCGTCA GGCTAGCTACAACGA TGGTTGGA	34510
10146	884	AACCAAUG A CGGCUGCC	14129	GGCAGCCG GGCTAGCTACAACGA CATTGGTT	34511
10182	848	UCCUCAAG A UCCAUGAU	14130	ATCATGGA GGCTAGCTACAACGA CTTGAGGA	34512
10189	841	GAUCCAUG A UUCUGUUU	14131	AAACAGAA GGCTAGCTACAACGA CATGGATC	34513
10205	825	UUUACCAA A UACCUUGU	14132	ACAAGGTA GGCTAGCTACAACGA TTGGTAAA	34514
10288	742	UGUCAGUG A CCUCCGAC	14133	GTCGGAGG GGCTAGCTACAACGA CACTGACA	34515
			1 - 4 - 2 3	OLUGANGO GGCINGCINCANCON CACIGACA	24512

## WO 02/068637 Table XI PCT/US01/48350

10295	735	GACCUCCG A CUGCGUCU	14134	AGACGCAG GGCTAGCTACAACGA CGGAGGTC	34516
10338	692	CAUACCUG A CGUAGACU	14135	AGTCTACG GGCTAGCTACAACGA CAGGTATG	34517
10344	686	UGACGUAG A CUGCUGAC	14136	GTCAGCAG GGCTAGCTACAACGA CTACGTCA	34518
10351	679	GACUGCUG A CUUUGUGC	14137	GCACAAAG GGCTAGCTACAACGA CAGCAGTC	34519
10364	666	GUGCACCA A CAGUCGAU	14138	ATCGACTG GGCTAGCTACAACGA TGGTGCAC	34520
10371	659	AACAGUCG A UGUCUUCU	14139	AGAAGACA GGCTAGCTACAACGA CGACTGTT	34521
10382	648	UCUUCUGG A UCAUUACC	14140	GGTAATGA GGCTAGCTACAACGA CCAGAAGA	34522
10396	634	ACCAGCCG A CAGCACUG	14141	CAGTGCTG GGCTAGCTACAACGA CGGCTGGT	34523
10419	611	CAUAAGUG A UAGUAUCA	14142	TGATACTA GGCTAGCTACAACGA CACTTATG	34524
10458	572	UUGCUCUG A CAAUGCAU	14143	ATGCATTG GGCTAGCTACAACGA CAGAGCAA	34525
10461	569	CUCUGACA A UGCAUAGG	14144	CCTATGCA GGCTAGCTACAACGA TGTCAGAG	34526
10491	539	CUGUUGGA A UCGUGAUG	14145	CATCACGA GGCTAGCTACAACGA TCCAACAG	34527
10497	533	GAAUCGUG A UGACAUCU	14146	AGATGTCA GGCTAGCTACAACGA CACGATTC	34528
10500	530	UCGUGAUG A CAUCUGUG	14147	CACAGATG GGCTAGCTACAACGA CATCACGA	34529
10509	521	CAUCUGUG A CGUCAGUA	14148	TACTGACG GGCTAGCTACAACGA CACAGATG	34530
10563	467	AGAGGGUA A CUGCUCCU	14149	AGGAGCAG GGCTAGCTACAACGA TACCCTCT	34531
10581	449	CGCUGGCG A UCAGGCCA	14150	TGGCCTGA GGCTAGCTACAACGA CGCCAGCG	34532
10590	440	UCAGGCCA A UCAUGACU	14151	AGTCATGA GGCTAGCTACAACGA TGGCCTGA	34533
10596	434	CAAUCAUG A CUGCAAUU	14152	AATTGCAG GGCTAGCTACAACGA CATGATTG	34534
10602	428	UGACUGCA A UUCCGGUC	14153	GACCGGAA GGCTAGCTACAACGA TGCAGTCA	34535
10646	384	CUCCGCCG A UUGAUAGC	14154	GCTATCAA GGCTAGCTACAACGA CGGCGGAG	34536
10650	380	GCCGAUUG A UAGCACUG	14155	CAGTGCTA GGCTAGCTACAACGA CAATCGGC	34537
10685	345	UUCUUAAA A CUCAGAAG	14156	CTTCTGAG GGCTAGCTACAACGA TTTAAGAA	34538
10733	297	CUCCAUCG A UCCAGCAC	14157	GTGCTGGA GGCTAGCTACAACGA CGATGGAG	34539
10758	272	UCGGAGCA A UUGCUGUG	14158	CACAGCAA GGCTAGCTACAACGA TGCTCCGA	34540
10768	262	UGCUGUGA A CCUGAAGA	14159	TCTTCAGG GGCTAGCTACAACGA TCACAGCA	34541
10777	253	CCUGAAGA A CGCCAAGA	14160	TCTTGGCG GGCTAGCTACAACGA TCTTCAGG	34542
10792	238	GAGAGCCA A CACAAAUC	14161	GATTTGTG GGCTAGCTACAACGA TGGCTCTC	34543
10798	232	CAACACAA A UCGUAUUG	14162	CAATACGA GGCTAGCTACAACGA TTGTGTTG	34544
10821	209	UGCCGUCG A UCAGGCUC	14163	GAGCCTGA GGCTAGCTACAACGA CGACGGCA	34545
10831	199	CAGGCUCA A CAUAGCCC	14164	GGGCTATG GGCTAGCTACAACGA TGAGCCTG	34546
10851	179	UCAGUCCA A UCAAGGAC	14165	GTCCTTGA GGCTAGCTACAACGA TGGACTGA	34547
10858	172	AAUCAAGG A CAACACGC	14166	GCGTGTTG GGCTAGCTACAACGA CCTTGATT	34548
10861	169	CAAGGACA A CACGCGGG	14167	CCCGCGTG GGCTAGCTACAACGA TGTCCTTG	34549
10893	137	GCAUAUUG A CAGCCCGG	14168	CCGGGCTG GGCTAGCTACAACGA CAATATGC	34550
10930	100	UUUCUUAG A CAUCGAGA	14169	TCTCGATG GGCTAGCTACAACGA CTAAGAAA	34551
10938	92	ACAUCGAG A UCUUCGUG	14170	CACGAAGA GGCTAGCTACAACGA CTCGATGT	34552
10954	76	GCUAAGAA A CAGCUCGC	14171	GCGAGCTG GGCTAGCTACAACGA TTCTTAGC	34553
10972	58	CUGUGUUA A UUGUUGUU	14172	AACAACAA GGCTAGCTACAACGA TAACACAG	34554
10982	48	UGUUGUUA A UCCUCACA	14173	TGTGAGGA GGCTAGCTACAACGA TAACAACA	34555
10992	38	CCUCACAA A CACUACUA	14174	TAGTAGTG GGCTAGCTACAACGA TTGTGAGG	34556

Input Sequence = AF196835_rc. Cut Site = R/Y
Arm Length = 8. Core Sequence = GGCTAGCTACAACGA
AF196835_rc reverse complement of West Nile virus strain NY99-flamingo38299, complete genome

Table XII: WNV minus strand Amberzyme and Target Sequence

Table XII

Ров	Pos (+str)	Substrate	Seq ID	Кірогуше	Rz Seg ID
10	11020		12272	UGCGAGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACAGGAUC	34557
16	11014	everver o caccacca	12273	1	34558
25	11005	CACCACCA G CCACCAUU	12274	AAUGGUGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGGUGGUG	34559
34	10996	១	12275	UGCGCCGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAUGGUGG	34560
38	10992	CAUUGUCG G CGCACUGU	12276	ACAGUGCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGACAAUG	34561
40	10990	nenceec e cycnena	12277	GCACAGUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCCGACAA	34562
45	10985	ט	12278	ACACGGCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGUGCGCC	34563
47	10983	cecacueu e cceueuse	12279	CCACACGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACAGUGCG	34564
50	10980	ACUGUGCC G UGUGGCUG	12280	CAGCCACA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGCACAGU	34565
52	10978	uevacceu a vaacvaaa	12281	ACCAGCCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACGGCACA	34566
55	10975		12282	ACAACCAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CACACGGC	34567
59	10971		12283	CUGCACAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAGCCACA	34568
62	10968	១	12284	GCUCUGCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AACCAGCC	34569
64	10966		12285	CUGCUCUG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG ACAACCAG	34570
69	10961	ß	12286	AUCUUCUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCUGCACA	34571
84	10946		12287	GGGAUAGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UAGGAGAU	34572
95	10935	ರ	12288	UAUJGACA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUGGGAUA	34573
97	10933	UCCCAGGU G UCAAUAUG	12289	CAUAUUGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACCUGGGA	34574
105	10925	· I	12290	CAAAACAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUAUUGAC	34575
108	10922	- 1	12291	CAACAAAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGCAUAUU	34576
113	10917	· 1	12292	CACCACAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAAACAGC	34577
116	10914	ט	12293	AAACACCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AACAAAAC	34578
119	10911	O	12294	1	34579
121	10909	១	12295	CCACAAAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACCACAAC	34580
126	10904	ט	12296	CCGUGCCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAAACACC	34581
129	10901	O	12297	ACCCCGUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CACAAAAC	34582
136	10894	O	12298	AGUGGAGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCCGUGCC	34583
153	10877	ဗ	12299	GGGAAGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UAGAGGUU	34584
172	10858	Ø	12300	GACUGAAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGUAGGUC	34585
178	10852	O	12301	CAGCCUGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGAAGCUG	34586
183	10847	UCAGUCAG G CUGGGCCG	12302	CGGCCCAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUGACUGA	34587
188	10842	_	12303	GUGCACGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCAGCCUG	34588
191	10839	9	12304	AAAGUGCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGCCCAGC	34589
193	10837	ט	12305	UNAAAGUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACGGCCCA	34590
205	10825	ט	12306	AGACCCCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGUUUAAA	34591
210	10820	ACCGCGGG G UCUCCUCU	12307	AGAGGAGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCCGCGGU	34592

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777	10803	AACCUCUA G UCCUUUCG	12308	CGAAAGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UAGAGGUU	34593
235	10795	guccuuuc a cccuaguu	12309		34594
241	10789	UCGCCCUG G UNAACACC	12310	GGUGUUAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAGGGCGA	34595
259	10771	UNACCEGE G CUAGGECC	12311	GGCCCUAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCCGGUAA	34596
265	10765	GGGCUAGG G CCGCGUGG	12312	CCACGCGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCUAGCCC	34597
268	10762	CUAGGGCC G CGUGGGGC	12313		34598
270	10760	AGGGCCGC G UGGGGCGU	12314	ACCCCCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCGGCCCU	34599
275	10755	ceceuese e cenuesuu	12315	AACCAACG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCCACGCG	34600
277	10753	ceugeage a maganing	12316	CAAACCAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCCCCACG	34601
281	10749	GGGCGUUG G UUUGCCUU	12317	AAGGCAAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAACGCCC	34602
285	10745	GUUGGUUU G CCUUUGUU	12318	AACAAAGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAACCAAC	34603
291	10739	UUGCCUUU G UUAACCCA	12319	UGGGUUDA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAAGGCAA	34604
300	10730	UNAACCCA G UCCUCCUG	12320	CAGGAGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGGGUUAA	34605
311	10719	CUCCUGGG G CACUAUCG	12321	CGAUAGUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCCAGGAG	34606
319	10711	GCACUAUC G CAGACUGC	12322	GCAGUCUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAUAGUGC	34607
326	10704	CGCAGACU G CACUCUCC	12323	GGAGAGUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGUCUGCG	34608
335	10695	CACUCUCC G CAGAGUAG	12324		34609
340	10690	UCCGCAGA G UAGCACGC	12325		34610
343	10687	GCAGAGUA G CACGCCGU	12326	- 1	34611
347	10683	AGUAGCAC G CCGUAGCG	12327	CGCUACGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUGCUACU	34612
350	10680	AGCACGCC G UAGCGUGG	12328	- 1	34613
353	10677	ACGCCGUA G CGUGGUCU	12329	- 1	34614
355	10675	GCCGUAGC G UGGUCUGA	12330	- 1	34615
358	10672	GUAGCGUG G UCUGACAU	12331	- 1	34616
370	10660	GACAUUGG G CUUUGAAG	12332		34617
378	10652	GCUUUGAA G UUACAACA	12333	UGUUGUAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUCAAAGC	34618
388	10642	UACAACAU G UGGGGUCC	12334	- 1	34619
393	10637	CAUGUGGG G UCCUCCUU	12335		34620
410	10620	CCGAGACG G UUCUGAGG	12336	ı	34621
419	10611	UUCUGAGG G CUUACAUG	12337	- 1	34622
437	10593	AUCACUUC G CGGCUUUG	12338		34623
440	10590	ACTUCGCG G CUUTGUUC	12339	- 1	34624
445	10585	GCGGCUUU G UUCACCCA	12340	- 1	34625
454	10576	UUCACCCA G UCCUCCUG	12341	CAGGAGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGGGUGAA	34626
465	10565	cuccuada a unasauca	12342		34627
470	10560	GGGGUUGA G UCGCAGGC	12343		34628
473	10557	GUUGAGUC G CAGGCAGC	12344	- 1	34629
477	10553	AGUCGCAG G CAGCACCG	12345	- 1	34630
480	10550	CGCAGGCA G CACCGUCU	12346		34631
485	10545	GCAGCACC G UCUACUCA	12347	UGAGUAGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGUGCUGC	34632

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501	10529	AACUUCCG G UGGCGGGA	12348	UCCCGCCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGGAAGUU	34633
504	10526	UUCCGGUG G CGGGAACU	12349	AGUUCCCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CACCGGAA	34634
518	10512	ACTUCCCG G CCUGACTU	12350	AAGUCAGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGGGAAGU	34635
595	10435	ACTUTUDAD G CAUACUUA	12351	UAAGUAUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUAAAAGU	34636
608	10422	CUUAUAUU G UCUAUUUA	12352	UAAAUAGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAUAUAAG	34637
637	10393	Ö	12353		34638
642	10388	ACAGUACU G UGUCCUCA	12354	UGAGGACA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGUACUGU	34639
644	10386	AGUACUGU G UCCUCAAC	12355	GUUGAGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACAGUACU	34640
657	10373	CAACCAAA G UUGUGUCU	12356	AGACACAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUUGGUUG	34641
099	10370	CCAAAGUU G UGUCUUCA	12357	UGAAGACA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AACUUUGG	34642
662	10368	AAAGUUGU G UCUUCAUA	12358	UAUGAAGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACAACUUU	34643
629	10351	UCUCUUUA G UGAACUCA	12359	UGAGUUCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UAAAGAGA	34644
689	10341	GAACUCAU G UAAUCCAC	12360	GUGGAUUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUGAGUUC	34645
720	10310	CGAUGAUU G CUCUGACU	12361	AGUCAGAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAUCAUCG	34646
731	10299	CUGACUUG G UUGAUAGC	12362	GCUAUCAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAAGUCAG	34647
738	10292	GGUUGAUA G CCACCUGG	12363	CCAGGUGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UAUCAACC	34648
749	10281	ACCUGGAU G UUUUCUGC	12364	GCAGAAAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUCCAGGU	34649
756	10274	UGUUUUCU G CCCACGUG	12365	CACGUGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGAAAACA	34650
762	10268	ט	12366		34651
765	10265	cccaceue e cuceeecu	12367	AGCCCGAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CACGUGGG	34652
771	10259	Ö	12368	CACAAGAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCGAGCCA	34653
777	10253	GGGCUCUU G UGCCAAUC	12369	GAUUGGCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAGAGCCC	34654
179	10251	GCUCUUGU G CCAAUCAG	12370		34655
788	10242	CCAAUCAG G CUGCCACA	12371	UGUGGCAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUGAUUGG	34656
791	10239	ຍ	12372	UGGUGUGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGCCUGAU	34657
803	10227	CACCAGAU G UCCUCUCG	12373	CGAGAGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUCUGGUG	34658
811	10219	២	12374	CAGGAAAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAGAGGAC	34659
830	10200	Ö	12375	UGGAGUGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUCCCAUA	34660
852	10178	Ö	12376	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34661
857	10173	GGGGUUUU G UCUUCCAU	12377	- 1	34662
893	10137	Ö	12378	GUCUGGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGUGUUUG	34663
911	10119	Q	12379	ACAGAGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUGUUGGA	34664
918	10112	UGUCCUCU G UUGUCAUC	12380	GAUGACAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGAGGACA	34665
921	10109	CCUCUGUU G UCAUCCAC	12381	GUGGAUGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AACAGAGG	34666
939	10001	cuccuccu a causgaus	12382	CAUCCAUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGGAGGAG	34667
954	10076	Ð	12383	AAGAACCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUGGUCCA	34668
957	10073	O	12384		34669
996	10064	Ö	12385	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34670
990	10040	CAGGGACA G CGGAGCAA	12386	UUGCUCCG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG UGUCCCUG	34671
995	10035	ACAGCGGA G CAAAUGGC	12387	GCCAUUUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCCGCUGU	34672

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Table	

10026   COLANIGOS GUIGACON   12389   AUGIGACINA GONGGRANACUCCUUCINGAGGACHUCGUCCOGG GCCUNUTO   10012   GGCCOURG G CURUGAGG GUIGAGGA   10015   GGCCOURG G CURUGAGG GUIGAGGA   10015   GGCCOURG G CURUGAGG GUICAGGG GUICAGGGG GUICAGGGG GUICAGGGG GUICAGGGG GUICAGGGGG GUICAGGGGGG GUICAGGGGG GUICAGGGGG GUICAGGGGG GUICAGGGGG GUICAGGGGG GUICAGGGGGG GUICAGGGGGG GUICAGGGGGG GUICAGGGGGG GUICAGGGGGG GUICAGGGGGG GUICAGGGGGG GUICAGGGGGG GUICAGGGGG GUICAGGGGGG GUICAGGGGGG GUICAGGGGGG GUICAGGGGGG GUICAGGGGGG GUICAGGGGGG GUICAGGGGGG GUICAGGGGGGG GUICAGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGG	1002	10028	AGCAAAUG G CGUUGGCC	12388	GGCCAACG GGAGGAAACTICCCIVICAAGGACAVCGVCGGGG CAUTITGCV	34673
100122   UGGCGUING G CEMURAGE   1239   GCUCRUGG GRAGGARACCCCCUTCAAGGACAUCGUCCGGG CAACGCCC   100115   GGCCGUING G CCCGAGGT   12391   ACCUCCGGG GGAGGARACCCCCUTCAAGGACAUCGUCCGGG CACACGCC   100116   GGCCGUING C CCCGAGGT   12391   ACCUCCGGG GGAGGARACCCCCUTCAAGGACAUCGUCCGGG GCACACGCC   100109   GGCCGUING C CCCGAGGT   12391   ACCUCCGGG GGAGGARACCCCCUTCAAGGACAUCGUCCGGG GUCCACGC   100109   GGCCGUING C CCCGAGGT   12391   ACCUCCGGG GGAGGARACCCCCUTCAAGGACAUCGUCCGGG UCCUCCGGG GGAGGAACCCCCCTCCAAGGACAUCGUCCGGG UCCCCGGG GGAGGAACCCCCTCCAAGGACAUCGUCCGGG UCCCCGGG UCCCCGGG GGAGGAACCCCCTCCAAGGACAUCGUCCGGG UCCCCCGGG GGAGGAACCCCCTCCAAGGACAUCGUCCGGG UCCCCCGGG GGAGGAACCCCCTCCAAGGACAUCGUCCGGG UCCCCCGGG GGAGGAACCCCCCUTCAAGGACAUCGUCCGGG UCCCCCGGG GGAGGAACCCCCCUTCAAGGACAUCGUCCGGG UCCCCCGGG GGAGGAACCCCCCUTCAAGGACAUCGUCCGGG UCCCCCGGG GGAGGAACCCCCCUTCAAGGACAUCGUCCGGG UCCCCCGGG GGAGGAACCCCCCUTCAAGGACAUCGUCCGGG UCCCCCGGG GGAGGAACCCCCCUTCAAGGACAUCGUCCGGG UCCCCGGG GGAGGAACCCCCCUTCAAGGACAUCGUCCGGG UCCCCCGGG GGAGGAACCCCCUTCAAGGACAUCGUCCGGG UCCCCCGGG GGACGACGG GGAGGAAACCCCCUTCAAGGACAUCGUCCGGG UCCCCGGG GGACGACG GGACGAACCCCCUTCAAGGACAUCGUCCGGG UCCCCGGG GGACGACG GGACGAACCCCUTCAAGGACAUCGUCCGGG UCCCCGGG GGACGACG GGACGAACCCCCUTCAAGGACAUCGUCCGGG UCCCCGGG GGACGACG GGACGAACCCCCUTCAAGGACAUCGUCCGGG CCCAGGAGGAACCCCCCUTCAAGGACAUCGUCCCGGG CGCACGGG GGACGACGGAACCCCCCUTCAAGGACAUCGUCCCGGG CGCACGGG GGACGACGGAACCCCCUTCAAGGACAUCGUCCCGGG CGCACGGG GGACGACGGAACCCCCCUTCAAGGACAUCGUCCCGGG CGCACGGG GGACGACGGAACCCCCCUTCAAGGACAUCGUCCCGGG CCCCCCGACGG GGACGAACCCCCCCUTCAAGGACACCCCCCCGGG GGACGACGACGACGACGACGACGACGACGACGACGACGAC	1004	10026	່ ບ	12389	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34674
10015   GGCCMURh G CCCGAAGU   12391   ACCURGOG GGAGGAAACCCCCUTCAAGGACAUCGUCCGGG CUCACGGG CUCACGGG   100012   CAUGAGGC G CAGGGCAUCT   12392   CAGAGGGA GGAGGAAACCCCCUTCAAGGACAUCGUCCGGG CAGAGGGA   100012   CAUGAGGC G CAGGGCAUCT   12392   CAGAGGGA GGAGGAAACCCCCUTCAAGGACAUCGUCCGGG ACAGAGGA   100012   CAGAGGA G UCCCCUTCA GGAGGAAACCCCCUTCAAGGACAUCGUCCGGG ACAGAGGA   100012   CAGAGGA G UCCCCCUTCA GGAGGAAACCCCCUTCAAGGACAUCGUCCGGG ACAGAGGA   100012   CAGAGGA G CACAGCAC G CACAGCAC G CACAGCAC G CACAGCAC G CACAGCAC   12395   CAGAGGGA GGAGGAAACCCCCUTCAAGGACAUCGUCCGGG UCACACCCGG CACAGCAC   12395   CAGAGGGA GGAGGAAACCCCCUTCAAGGACAUCGUCCGGG UCACACCCGG CACAGCAC   12395   CAGAGGGA GACCCCCUTCAAGGACAUCGUCCGGG UCACACCCGG CACAGCAC   12395   CACAGCAC GAGGGAAACCCCCUTCAAGGACAUCGUCCCGGG UCACACCCGG CACAGCAC   12305   CACAGCAC GAGGGAAACCCCCUTCAAGGACAUCGUCCCGGG UCACACCCGG CACAGCAC   12305   CACAGCAC   12405   CACAGCAC   12405   CACACCCCCG GGAGGAAACCCCCUTCAAGGACAUCGUCCCGGG UCACACCCGG CACAGCAC   12405   CACACCCCCG GGAGGAAACCCCCUTCAAGGACAUCGUCCCGGG UCACACCCGG CACAGCAC   12405   CACCCCCCG GGAGGAAACCCCCUTCAAGGACAUCGUCCCGGG UCACACCCGG CACAGCAC   12405   CACCCCCCG GGAGGAAACCCCCUTCAAGGACAUCGUCCCGGG CACACCCGG GACAGCAC   12405   CACCCCCCG GGAGGAAACCCCCUTCAAGGACAUCGUCCCGGG CACACCCGG GACAGCAC   12405   CACCCCCCG GGAGGAAACCCCCTUCAAGGACAUCGUCCCGGG CACACCCGG GACAGCAC   12405   CACCCCCCG GGAGGAAACCCCCTUCAAGGACAUCGUCCCGGG CACACCCGG GACAGCAC   12405   CACCCCCCG GGAGGAAACCCCCTUCAAGGACAUCGUCCCGGG CACACCCGGG CACACCCG GACACCCG   12405   CACCCCCCG GAGGGAAACCCCCTUCAAGGACAUCGUCCCGGG CACACCCGG GACACCCG GACACCCG GACACCG GACACCG GACACCCG GACACCCCG GACACCCG GACACCCG GACACCCCG GACACCCCG GACACCCCG GACACCCCG GACACCCCG GACACCCCG GACACCCCG GACACCCCCG GACACCCCCG GACACCCCG GACACCCCCG GACACCCCCCCGGG CACACCCCG GACACCCCCG GACACCCCCCCC	1008	10022	O	12390	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34675
10012         CHARANCE G ROGRICUCU         12392         GARANCTUC G GARGGARACHUCCUUCAAGGACAUCGUCGGG CUGCGGCU           9999         AGCCCGAG         UUCUCUCU         12393         AGABACAGG         GARGGAAACUCCUUCAAGGACAUCGUCGGG           9999         UUCUCUCU         GUGCACAC         12393         AGABACAGG         GUCCCGGG         GUCCCGGG           9999         UUCUCUGG         GUGCACAC         12394         AGABACACC         GUCCCGGG         GUCCCGGG         GUCCCGGG         GUCCCCGGG	1015	10015	ט	12391	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34676
100000         AGENCIADO GO UCCURUNO         123939         AGENCIADA GO UCCURUNO         123940         AGENCIADA GO UCCURUNO         AGENCIADA GO UCCURUNO         124040         AGENCIADA GO GO UCCURUNO         124040         AGENCIADA GO GO UCCURGO         AGENCIADA GO UCCURUNO         124040         AGENCIADA GO UCCURUNO         AGENCIADA GO UCCURUNO         AGENCIADA GO UCCURGO         124040         AGENCIADA GO UCCURUNO         AGENCIADA GO UCCURCO         124040         AGENCIADA GO UCCURUNO         AGENCIADA GO UCCURUNO         124040         AGENCIA	1018	10012	O	12392	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34677
9939         UCUCUNCIG O BUGANGIA         12334         UNCUUTOR GO BUGARACHO COUNCAAGAGACHUCCUUCAAGGACAUCGUCGGGG UUCCUGGG           9935         CUCHOGGAA         12335         CUUCUGGIA         GAGGACACA         12356         CUUCUGGIA         GAGGACACA         12357         CUUCUGGIA         GAGGACACA         12357         CUUCUGGIA         GAGGACACA         12359         CUUCUGGIA         GAGGACACA         12359         CUUCUGGIA         GAGGACACA         12359         CUUCUGGIA         GAGGACACA         12359         CUUCUGGIA         GAGGACACA         LACOUCAGA         GAGGACACA         12359         GAGGACACA         GAGGACACA         12359         GAGGACACA         GAGGACACACACACACACACACACACACACACACACACA	1022	10008	ŋ	12393	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34678
9993         CURCHOGAA G UACACACA         12395         CURCHOGAA G GAGGAAACUCCCUUCAAGGACAUCGUCGGGG UUCCACACA           9985         GARAGCA G CACCACACA         12397         INTEGRACIA G CACCACACA         12397         INTEGRACIA G CACCACACACACACACACACACACACACACACACAC	1031	6666	Ø	12394	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34679
9985         GURANGAR G CACCACCA         12396         UGURGGCUD GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         UCUCUUGG           9987         CAGAAGCA G CCACAUUC         12397         AGAUGUGG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         UCUCUUGG           9987         CACAUCUGG         GCACAUC         12399         UUGUCUGG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         UCUCUUGG           9987         CACAGCAA         GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG         UAGGAGG         13401         CCACCACA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         UAGGAGG           9987         CACAAGCA         GAGGGAACA         GAGGGAACAUCGUCCGGG         GAGGGAACAUCGUCCGGG         UAGGAGGA         UAGGAGG         UAGGAGG         UAGGAGGA         UAGGAGGA         UAGGAGG         UAGGAGGA         UAGGAGAACAUCGUCCCGGGGA         UAGGAGAACAUCGUCCGGGGA         UAGGAGGAACAUCGUCCGGGGA         UAGGAGGAACAUCGUCCCUCCAGGAGGA         UAGGAGGA         UAGGAGGA	1037	9993	O	12395	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34680
9982         COGRADIO         13397         AGRICIDOS         GRANGOLO GERACADOUCO         13197         AGRICIDOS         GRANGOLO GERACADOUCO         13197         AGRICIDAD         GRANGOLO GERACADOUCO         13199         UNCUENTO         GRANGOLO GERACACO         13190         UNCUENTO         GRANGOLO GERACACO         13190         DECUNDADO         9950         ARACADORO         GRANGOLO         GERACADO         GRANGOLO         GRANGOLO         13190         CUCADOCO         GRANGOLO         13190         CUCADOCO         GRANGOLO         13190         CUCADOCO         GRANGOLO         13100         CCGCGACA         GRAGORA ACUCCUCUCAAGGACAUCGUCCGGG         GUAGOCO         9947         GUAGOCO         13100         GUAGOCO         GUA	1045	9985	v	12396	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34681
9971         Achucuus e Cuubakak         12398         GUCUUMUG GEGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           9950         CCAGACAA G CAGUROCA         12399         UUGGUCGG GEGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         UAACUCUU           9951         CCAGACAA G CAGUROCA         12401         CCGCGACA G GAGGAAACUCCCUUCAAGGACAUCGUCCGGG         UAACUCGG           9951         CACAAGAA G DAGUSCACA         12401         CCGCGACA GAGGAAAACUCCCUUCAAGGACAUCGUCCGGG         UACAUCGG           9947         CACAAGAA G UGCCGCGACA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         UACAUCGG         UACAUCGG         UACAUCGG         UACAUCGG         UACAUCGG         GAGACUU         IA402         ACCACCCGGAAAACUCCCUUCAAGGACAUCGUCCGGG         GAGACUU         GAGACUU         14402         ACCAGCGG         GAGACUCG         GACCGGGAA         CCGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         GACCACAACAACAACAACAACAACAACAACAACAACAACA	1048	9982	D A	12397	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34682
9959         ANABACHUN G CCAGACHA         12399         UDUCUCUGO GGAGGARACUCCUUCAAGGACUCGUCCGGG ULAGUCCUC           9950         CCAGACAG         6 AGUGUCG         12401         CCGACACUG GGAGGARACUCCCUUCAAGGACAUCGUCCGGG           9947         GACAGUCG         12402         CCGCACACA         GGAGGACAC         GAGGACACUCGCGCGGAACUCCCUUCAAGGACACUCCCUCC	1059	9971	ט	12398	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34683
9950         CCAGACAA G CAGUGUCG         12400         CGACACUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUGUCGGG           9947         GACAAGCAG         12401         GCGCGACA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGGG GAACAUCGUCCUUCAAGGACAUCGUCCCGGG           9945         CAAGCAGU         12403         AACGUCG         GGAGGAAACUCCUUCAAGGACAUCGUCCGGG         AACGUCG           9945         CAAGCAGU         12404         GAACGUCG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         AACCUCG           9946         UCCAGACA         12404         GAACGUCG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         AACCUCG           9916         UCCAGACG         12404         GAACGAGA         GAAGGAAAACUCCCUUCAAGGACAUCGUCCGGG         AACCUCG           9917         GAACACCAC         12404         AACGCAGAG         GAACACACG         GAACACACG           9918         AUNAGCAC         12406         AAGGCAGAAACUCCCUUCAAGGACAUCGUCCGGG         AACCUCCA           9910         AUNAGCACA         12407         AGGCAGAA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         GAACACACA           9910         AUNAGCACA         12410         GTACCAGAG         GAGGAAAACUCCCUUCAAGGACAUCGUCCGGG         GAACACACA           9810         AUNAGCACA         12411         GTACACAGA         GAAGGAAAACUCCCUUCAAGGACACACGUCCGGG         GAACACACA </td <td>1071</td> <td>9959</td> <td>O</td> <td>12399</td> <td>GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG</td> <td>34684</td>	1071	9959	O	12399	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34684
9947         GACARGEA GO GUOGOCGG         COCCGACA GAGGGAACUCCCUCAAGGACAUCCCUCCAGG           9945         CARÁCAGO G UGUCCACA         GAGGGAACUCCCUCCAAGGACAUCCCUCCAGG         ACUGCOG           9945         CARÁCAGO G GAGGAAACUCCCUCCAAGGACAUCCUCCAGG         ACUGCOG           9916         UCCAUCCG         GCAGAGAACUCCCUCCAAGGACAUCCUCCAGG         GACACACA           9917         UCCAUCCG         GCAGGAACUCCCUCCAAGGACAUCCUCCAGG         GACACACA           9918         UCCAUCCG         GCCCGGAA         GAGAGGAAACUCCCUCCAAGGACAUCCUCCAGG         GACACACA           9910         GAGACUCG         GAGAGCACA         GAGAGGAAACUCCCUCCAAGGACAUCCUCCAGG         GAGACACA           9910         GAGACUCG         GAGAGAAACUCCCUCCAAGGACAUCCUCCAGG         GAGAGAAACUCCCUCCAAGGACAUCCUCCAGG           9910         GAGACACA         GAGAGAAACUCCCUCCAAGGACAUCCUCCAGG         GAGAGAAACUCCCUCCAAGGACAUCCUCCAGG           9910         CAGACUCG         GCCGAGGA         GAGGGAAACUCCCUCCAAGGACAUCCCUCCAGG         GAGAGCACA           9910         CAGACCCA         GUUCCACA         12410         UUGGAGAAACUCCCUCCAAGGACAUCCCUCCAGG         GAGAGACACA           9816         UGCCCACAA         12411         GAGAGAAACUCCCUCCAAGGACAUCCCUCCAGG         GAGAGACA           9816         UGCCCACAA         UUGGAGAAACUCCCUCCACCACCACCACCACCACCACACACA	1080	9950	O	12400	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34685
9945         CAAGCAGU G UGCGGAC         12402         GUTCGGGA GGAGGAAACUCCCUUCAAGGACUUCGUCGGG ACUGCUGG           9942         GCAGGGAC         12403         AAGGUCGG GGAGGAAACUCCCUUCAAGGACUUCGUCGGGG GGACGAUGGA           9942         UCCAGGAC         12404         GGAUGGAA         GGAUGGAAACUCCCUUCAAGGACUUCGUCGGG GUCGGGA           9926         UCCAUCCG         12404         GGAUGGAA         GGAGGAAACUCCCUUCAAGGACUUCGUCCGGG         GGAGGAUGA           9912         UCCAUCCG         12405         MAGGUCG         GGAGGAACUCCCUUCAAGGACAUCGUCCGGG         GGAGGAUGA           9912         GGAACUCG         12407         AAGGCAGGA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         GAAGUCCG           9912         GGAACUCG         12407         AAGGCAGAA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         AAGCUCG           9912         GGAACUCG         UCGACCAA         12409         GGCGAGAA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGG         AAGCUCG           9918         UUCAUCCG         UUCAUCCG         GCAUCAGG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         AAGGACCA           9818         UUCAUCCG         UUCAUCCG         12410         GUUCCACG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         AAGGACCA           9816         UUCAUCCA         12410         GUUCCACG         12410         GUUC	1083	9947	O	12401	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34686
9942         GCAGUGUC G CGGACGUU         12403         AACCUCCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GACCGGA           9936         UCGAGGGG         12404         GGAUGGAAA         GGAUGGAAA           9912         UCGAUCCG         CUCCUUCCA         12404         GAAGUGGAA           9912         GGAGAUGGA         LUCCAGGGG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         GGAGUGGA           9912         GGAGAUGGA         12405         AAGAGCUCG         GGAGGAAACUCCCUUCAAGGACUCGUCCGGG         GGAGUGA           9908         ANAUGCGA         CUCUCCGG         12407         AGGCAGGA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         GGAGGAACUC         GGA	1085	9945	Ø	12402	GGAGGAACUCCCUUCAAGGACAUCGUCCGGG	34687
9336         UCGOCGAR G UUCCANUCC         12404         GGAUGGAA GARGGAAACUCCCUUCAAGGACAUCGUCCGGG GUCCGGG           9926         UCCAUCCG G CCCCUGGA         12405         UCCAGGGG GARGGAAACUCCCUUCAAGGACAUCGUCCGG CGARGGAA           9926         GGAGAUNU G CAGCCUCU         12407         AGAGGAGAACUCCCUUCAAGGACAUCGUCCGG AUANCUCCC           9903         AURUCCGC         12407         AGAGGAGAACUCCCUUCAAGGACAUCGUCCGGG AUANCUCCC           9903         CGAGCUCU         12407         AGAGGAGAACUCCCUUCAAGGACAUCGUCCGGG AUANCUCCC           9903         CGAGCUCU         CCUNCCAA         12409         GAGGAGAACUCCCUUCAAGGACAUCGUCCGGG AGAGCGA           9865         UUCAUCCG         CUUCCCAA         12410         GUUCCAGG GAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGAGGGU           9863         UCAAUUCA         CUUCACAG         GAGGAAAC         GAAGAACA         GAAGAACA           9816         UCAAUUCA         12411         GAAGAACA         GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGAGGGU           9863         CCACCAGU G UUCUCCA         12412         UGCUCCAAG         GAAGGAACA         GAAGGAACA           9816         UCAAUUCA         GAAGGAACA         GAAGGAACA         CAAUUCA         GAAGGAACA         CAAUUCA           982         UCAAUUCA         UUCUCCAG         UUCCCAGA         12412         AUUGGCAGG	1088	9942	r D	12403	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34688
9926         UCCAUCCG G CCCCUGGA         12405         UCCAGGGO GGAGGAAACUCCCUUCAAGGACAUCGGCGG CGGAUGGA           9912         GGAGAUM         12406         AGAGCUCG GGAGGAACUCCUUCAAGGACAUCGGCCGGG CAGAUCGC           9908         AUMUGCGA         CUCUCGAG         12406         AGAGCUCG         GGAGGAACA           9908         CANGCUCU         CUCUCGAGG         GAGGAGAAACUCCCUUCAAGGACAUCGUCCGGG         AGAGCUCG           9808         CANGCUCU         GUCUCGAG         12409         GCCGAGGA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         AGAGGACA           9816         UUCAUCCG         CCUUCGAAC         12410         GUCCCAUC         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         AGAGGACA           9865         UCACACGG         LA11         GAGGAGAACUCCCUUCAAGGACAUCGUCCGGG         CGAGGACA           9865         UCACACGG         LA12         UCACUCCAGG         GAGGGAAACUCCCUUCAAGGACAUCGGGGG         CGAGGGACA           9865         UCACACGG         UUCACACGG         LA11         GAGGGAAACUCCCUUCAAGGACAUCGGGGG         CGAGGGACA           9865         UCACACGG         UUCACACGGG         LA11         GAGGGAAACUCCCUUCAAGGACACGGGGGG         CGAGGGACACGGG           9866         UCACACGG         UUGACACGGG         LA11         GCCAUUUCA         GAGGGAAACCCCUUCAAGGACACGGGCGGG         CAUUGGG	1094	9836	_ນ	12404	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34689
9912         GGARGAUMU G CGAGGUCU         12406         AGAGCUCO GGAGGAAACUCCCUUCAAGGACAUCGUCGGG AUAUCUCC           9908         AUMUGCGA G CUCUCCAC         12407         AGGCAGAA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGAGCAAAU           9808         UCAAUCCU G CCUCCCAC         12409         GCCGAGGA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGAGGAACA           9816         UUCAUCCU G CUCCCGC         12410         GUUCCAUG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           9865         UUCAUCCU G CUCCCGC         12410         GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG         AGAGGACA           9865         CCACCCCG         UUCUUCCA         12411         GAAGAAACUCCCUUCAAGGACAUCGUCCGGG         GGAGGACA           9865         CCACACCA         UUCUUCCA         12411         GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG         GAAGGACA           9865         CCACACCA         UUCUUCCA         12411         GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG         GAGGGACA           9865         UCAAUCA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         GAGGGACA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         GAUUGGUC           9867         UCAAUCAG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         GAUUGGUC         GCACCAAU         GAUUGCCGGG         GAUUGCCGGG         GAUUGCCCGUCCAGGACACCCUUCAAGGACAUCGUCCCGGG         GAUUGCCCAAU         GAUUGCCAA         JAUUGCCAA	1104	9356	ರ	12405	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34690
9908         AUAUGCGA G CUCUGGCU         12407         AGGCAGAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGG UCGCAUAU           9903         CGAGGUCU G CUCUCGCA         11408         UUGGUGAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGG AGAGGUCG           981         UUCAUCUG G CCUCGGAC         12410         GUCCAUG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGAGGACA           9865         AACCACA G UGUUCCA         12410         GUUCCAUG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         CGAGGGUCA           9865         AACCACA G UGUUCCA         12411         GAAGAACA         GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG         CGAGGGUCA           9865         CCACCAGU G UCUUCCA         12412         UGGAGAAACUCCCUUCAAGGACAUCGUCCGGG         CGAGGGUCA           9826         UCAAAUCA G UGAAAUGG         12413         CCAUUUCA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         CAUUUGA           9828         UCGAUCAA         G UCAACCA         12413         CCAUUUCA         GAGGGAAACUCCCUUCAAGGACAUCGGGG         CAUUUCAC           9820         UCGACCAAU         12413         CCAUUUCA         GAGGGAAACUCCCUUCAAGGACAUCGGGG         CAUUUCAC           9808         UCGACCAAU         12413         CCAUUUCA         GAGGGAAACUCCCUUCAAGGACAUCGGG         CAUUCAC           9781         AGGUCCA         GUCCCAAU         12414         AUGGCAA         GAGGG	1118	9912		12406	GGAGGAACUCCCUUCAAGGACAUCGUCCGGG	34691
9903         CGAGCUCU G CCURCCAA         12408         UNGGUAGG GGAGGAAACUCCCUUCAAGGACAUCGUCGGG AGAGGACA           9816         UUCANUCCU G UCCUCGGC         12409         GCCGAGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGGAUGAA           9879         UUCANUCCU G UCCUCGGC         12410         GUUCCAUG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         AGGAGGACA           9863         PACCACCA G UGUUCCA         12411         GAAGAGAAACUCCCUUCAAGGACAUCGUCCGGG         AGGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         AGGAGGGA           9863         UCAAUUCA         G UUCAAUCA         12413         LOGAAGGA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         AGAUUGAG           9828         UCGAAUUCA         G UUGAAGA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         AGAUUGAG           9820         UGGACAAU         G UUGAGGA         AGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         AGAUUGAG           9821         UGGUUGA         CCAUUUUG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         AGAUUGAG           9820         UGGACCAAU         12414         UUCGACAA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         AGAUUCACA           9808         UGGACCAAU         G UUGACCAAU         12414         AUGACGAA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         AGCAUCACA           9810         UGGACCAAU         UUGACCAAU         12418         ACCGUCC	1122	8066	O	12407	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34692
9886         UUCAUCCU G UCCUCGGC         12409         GCCGAGGA GAAGAAACUCCCUUCAAGGACAUCGUCCGGG AGGAGAA           9875         UGUCCUCG G CAUGAAC         12410         GUUCCAUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGAGGACA           9865         AACCACCA G UGUUCUCC         12411         GAAGAAACUCCCUUCAAGGACAUCGUCCGGG CGAGGACA           9863         CCACCAGU G UCUUCCA         12412         UGGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAUUCACGGACAUCGUCCGGG CAUUCACGGAAACUCCCUUCAAGGACAUCGUCCGGG CAUUCACGGG ACCAGGACA           9824         UCAAUUCA G UGAAACGG         12413         CCACUUUUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAUUCACGGG ACCAGGACACACGGACAACGACCCCUCCAGGACACACGGACAACCACACACA	1127	9903	ט	12408	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34693
9879         UGUCCUCG G CAUGGAAC         12410         GUUCCAUG GAGGAAACUCCUUCAAGGACAUCGUCCGGG CGAGGACA           9865         AACCACCA G UGUUCUUC         12411         GAAGAACA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGGUGGU           9865         CCACCAGU G UUCUCCA         12412         UGGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAUGUCG           9863         CCACCAGU G UUCAGAC         12413         CCAUTUUCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAUTUCAC           9826         UCAAUTUCA         GAGGAAACUC         12414         UGCUCCAAA           9828         GUGAAACU         CCAUTUUCA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGG         CUAAACUC           9808         UGGAUCCA         12414         UGCUCCAAA         12415         AUUGGCAG           9808         AACCUGCO         CCAAUCAC         CCAUTUCA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGG         AUCAACCA           9808         AACCUGCO         CCAAUCAC         12418         ACCCUCAA         GGAGGAAACUCCCUUCAAGGACAUCGGG         GGAGGAGAACUCCCUUCAAGGACAUCGUCCGG         GGAGGAGAACUCCCUUCAAGGACAUCGUCCGG         GGAGGAGAACUCCCUUCAAGGACAUCGUCCGG         GGAGGAGAACUCCCUUCAAGGACAUCGUCCGG         GGAGGAGAACUCCCUUCAAGGACAUCGUCCGG         GGAGGAGAACUCCCUUCAAGGACAUCGUCCGG         GGAGGAGAACUCCCUUCAAGGACAUCGUCCGGG         GGCCAAAGA         9763         AUGUCCUU         12419         AGCGUCAA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	1144	9886	Ŋ	12409	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34694
9865         AACCACCA G UGUUCUUC         12411         GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGGUGGUU           9863         CCACCAGU G UUCUUCCA         12412         UGGAAGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACUGGUGG           9863         UCACAGUU G UUCAAUCCA         12413         CCAUUUCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGAAUUGA           9826         UCAAUUCA G UGAAAUGG         12414         UGCUCAAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGAAUUGA           9822         UGGUUGA G CUUCCAAU         12415         CCAUUUUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAUUUCAC           9808         UGGAUCCA G CUGCCAAU         12416         AUUGGCAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAUUUCAC           9808         AACCUGCU G CUGCCAAU         12416         AUUGGCAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAUUUCAC           9708         AACCUGCU G CUGCCAAU         12418         ACCGUCAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAUCACGG CAUCACGG CAUCACGGC CACCACGG CACCACACGG CACCACACGG CACCACACGG CACCACACGG CACCACGG CACCACGG CACCACGG CACCACACGG CACCACACGG C	1151	9879	ტ	12410	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34695
9863         CCACCAGU G UUCUUCCA         12412         UGGAAGGAA GGAGGAAACUCCAUCAAGGACAUCGUCGGG ACUGGUGG           9836         UCAAUUCA G UGAAAUGG         12413         CCAUUUCA GGAGGAAACUCCCUUCAAGGACAUCGUCGGG UGAAUUGA           9828         GUGAAAUGG         12414         UGCUCAAA         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG UGAAUUGA           9828         UGGAAACCU G CUGCCAAU         12416         AUUGGCAG GGAGGAAACUCCCUUCAAGGACAUCGUCGGG UCAACCA           9805         VGGAACCU G CUGCCAAU         12416         AUUGGCAG GGAGGAAACUCCCUUCAAGGACAUCGUCGGG UCAACCA           9781         ACCAUCAC         GUGAAACUC         GCAAUCAU           9782         ACCAUCAC         GUGAAACUC         GCAACCAUCA           9783         ACCAUCACA         12417         AUGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCAACCA           9784         ACCAUCAC         GAGGAAACUCCCUUCAAGGACAUCCGUCCGGG UCAACCA           9785         ACUUGACA         12419         ACCGUCAA         GGAGGAAACUCCCUUCAAGGACAUCCGGG UCCAACGA           9785         ACUUGACA         GCGCAAAGA         GGAGGAAACUCCCUUCAAGGACAUCCGGG UCCAACGA         GGAGGAAACUCCCUUCAAGGACAUCCGGG UCCAACGACCGGG UCCAACCACACACACACACACACACACACACACACACAC	1165	9865	O	12411	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34696
9836         UCRAUUCA G UGAANUGG         12413         CCRUUUCA G GAGGGAAACUCCCUUCAAGGACAUCGUCGGG UGAAUUGA           9828         GUGAAAUG         ULA14         UGCUCAAA GGAGGAAACUCCCUUCAAGGACAUCGUCGGG CAUUUCACA           9828         UGGAAAUG         12415         CCAUUUUG         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG UCAAACCA           9808         UGGACCAAU         12417         AUUGGCAG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGG         UCAAACCA           9808         UGGACCAAU         12417         AUGAUUGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGG         UCAAGGUU           9808         AACCUGCU         G CCAAUCAU         12417         AUGACUCAA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGG         UCGAGGUU           9781         AACUUCAA         G UUGACGGU         12418         ACCGUCAA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGG         UGGAGGACA           9781         AGUUGACA         G UUGACACU         12418         ACCGUCAA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGG         UGCACAACA           9781         AGUUGACAU         12421         AGUGGAAACUCCCUUCAAGGACAUCGUCCGG         AUGCUCAA           9759         AUGUCUUU         G CGAAACCU         12421         AAGGUUCG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         AUGCUCAA           9732         UUGAGGAA         G CACCUCG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG<	1167	9863	O	12412	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34697
9828         GUGBAAUG G UUUGAGCA         12414         UGCUCAAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAUUUCACA           9822         UGGUUUGA G CAAAAUGG         12415         CCAUUUUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCAAACCA           9808         UGGAACCU G CUGCCAAU         12416         AUUGGCAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGCAGGU           9805         AACCUGCU G CCCAAUCAU         12417         AUGAUUGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGCAGGU           9781         ACCUUCAC         12418         ACCGUCAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGGAUGGU           9782         ACCUUGGU         CCAAACAC         12419         AGUGGAAA           9783         ACCUUGAG         UUCACACU         12419         AGUGGAAAACUCCCUUCAAGGACAUCGUCCGGG UGGAUGGU           9765         UCUUGGAU         UCUUUGCG         12419         AGUGGAAAACUCCCUUCAAGGACAUCGUCCGGG UGGAUGACUCGUCCGGG UGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UAUGUCCGGG UAUGUCCGGG UAUGUCCCUUCAAGGACAUCGUCCGGG UAUGUCAA           9765         AUUGACAU         CCAAACACA         GGAGGAAAACUCCCUUCAAGGACAUCGUCCGGG UAUCGUCCGGG UAUGUCAAGGACAUCGUCCGGG UAUGUCCCGGG UAUGUCCCCUCCAACA           9743         UUGACCAU         CCUCAAACA         GGAGGAAAACUCCCUUCAAGGACAUCGUCCGGG UCCACGG UAUCCUCCAGG UCCACGG UAUCCUCCAGG UCCACGG UCCACACACA           9743         UUGACGAGA         12422         CCUCAAACA         GGAGGAAACA           97	1194	9836	ט	12413	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34698
9822         UGGUUUGA G CAAAAUGG         12415         CCAUUUUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCAAACCA           9808         UGGAACCU G CUGCCAAU         12416         AUUGGCAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGCUUCAAGGACAUCGUCCGGG AGCUUCAAGGACAUCGUCCGGG UGCAUUCGUC           9805         AACCUGCU G CCAAUCAU         12417         AUGAGUAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGCAUGGU           9781         ACCAUCCA         UUCACACU         12418         ACCGUCAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGCAUCGU           9781         AGUUGGAU G UUCCCACU         12419         AGUGGAAA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGCAACAC           9765         UCUUGGAU G UUCCCACU         12420         CGCAAAAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUCCAACA           9769         AUGUCUU G CGAACCUU         12421         AAGGUUCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUCCACAACA           9769         AUGUCUU G CGAACCUU         12421         AAGGUUCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUCCACAACA           9769         AUUGACAUA G CAUUGAGG         12422         CCUCCAAUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUCCUCAACA           9710         UUGAAGCAA         12422         CCUCCAAUC         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUCCUCAACA           9711         QAAGGUAG         12422         CCUCCAAUC         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUCCUCAGG           9712         QAAGGUCG         12423	1202	9828	ט	12414	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34699
9808         UGGAACCU G CUGCCAAU         12416         AUUGGCAA G GAAGGAAACUCCCUUCAAGGACAUCGUCCGG AGGUUCCA           9805         AACCUGCU G CCAAUCAU         12417         AUGAUUGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGG UGGAUGGU           9788         ACCAUCCA G UUGACGGU         12418         ACCGUCAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGG UGGAUGGU           9781         AGUUGACA G UUCCACU         12419         AGUGGAAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGUCAACU           9759         UCUUGGAU G UUUCCACU         12420         CGCAAAGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUCCAAGA           9743         UUGACCUU         GCAACCUU         12421         AAGGUUCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUCCAAGA           9743         UUGACCUU         G CGAAACCU         12421         AAGGUUCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUGUCAAGA           9743         UUGACCUU         G CGAACCUU         12422         CCUCCAAUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUCCACAGA           9743         UUGACCAUA         G CGAACCUU         12422         CCUCCAAUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUCCACAGA           9727         QAAGGCAU         12422         CCUCCAAUCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUCCACAGA           9727         GAAGGCAU         12422         CCUCCAAUCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUCCACAGA           9727         GAAGGCAA         12422         CCUCCAUCCAGGACACACCCUUCAAGGACAUCGUCCCGG	1208	9822	ტ	12415	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34700
9805         AACCUGCU G CCAAUCAU         12417         AUGANUGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGG AGCAGGUU           9788         ACCAUCCA G UUGACGGU         12418         ACCGUCAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGG UGGAUGGU           9781         AGUUGACA G UUCCACU         12419         AGUGGAAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGUCAACU           9765         UCUUGGAU G UUUCCACU         12420         CGCAAAGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUCCAAGA           9769         AUGUCUU G CGAACCUU         12421         AAGGUUCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAAGACA           9773         UUGACAUA G CAUUGAGG         12422         CCUCAAUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAAGACA           973         UUGACAUA G CAUUGAGG         12422         CCUCAAUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAAGACA           973         UUGACAUA G CAUUGAGG         12422         CCUCCAAUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUCCUCAA           972         UUGAGGAA         GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUCCCUCAA         GAAGGCAA           972         GAAGGGAA         CCUCCAAUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUCCCUCAA           972         GAAGGGGA         12422         CCUCCAAUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUCCCUCAAGA           972         GAAGGGGG         12424         CCACCUCG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCCCCUCCAGG           971         GGAGGGGG         12425<	1222	9808	Ö	12416	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34701
9788         ACCAUCCA G UUGACGGU         12418         ACCGUCAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGG UGGAUGGU           9781         AGUUGACG G UUUCCACU         12419         AGUGGAAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGUCAACU           9765         UCUUGGAU G UCUUUGCG         12420         CGCAAAGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AACACAU           9769         AUGUUUU G CGAACCUU         12421         AAGGUUCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UAUGUCAA           9773         UUGACAUA G CAUUGAGG         12422         CCUCAAUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UAUCCUCAA           973         UUGAGGAA         12423         UCGCUCCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCCUCCAAA           972         GAAGUGGA         12424         CCACCUCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCCCUCCAAA           972         GAAGUGGA         12424         CCACCUCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCCCUCCAAA           972         GAAGUGGA         12424         CCACCUCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCCCUCCAAAAACUCCCUUCAAGGACAUCGUCCGGG UCCCUCCAAAAAACUCCCUUCAAGGACAUCGUCCGGG UCCCUCCAAAAAAAAAA	1225	9805		12417	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34702
9781         AGUUGACG G UUUCCACU         12419         AGUGGAAA GAAGAAACUCCCUUCAAGGACAUCGUCCGGG CGUCAACU           9765         UCUUGGAU G UCUUUGCG         12420         CGCAAAGA GAAGAAACUCCCUUCAAGGACAUCGUCCGGG AAAGACU           9759         AUGUCUU G CGAACCUU         12421         AAGGUUCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UAUGUCAA           9743         UUGACAUA G CAUUGAGG         12422         CCUCCAAUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UAUGUCAA           9727         GAAGUGAA G UGGAGGGA         12423         UCGCUCCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCCUCAA           9727         GAAGUGAA G UGGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCCUCAA         CCACCUCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCCUCAACUCCUCAAGGACAUCGUCCGGG UCCACUUCAAGGACAUCGUCCGGG UCCACUUCAACGACAUCGUCCGGG UCCACUUCAAGGACAUCGUCCGGG CUCGCUCCACGG UCCCCUCCAACGACAUCGUCCGGG CUCGCCCCUCCAACGACAUCGUCCGGG CUCGCCCCUCCAACGACAUCGUCCGGG CACCUCGC           9719         GCGAGGUG         12425         UCGCUUUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUCGCGG CUCGCCCCUCCAACGACAUCGUCCGGG CUCGCCCCCCCCCC	1242	9788	b	12418	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34703
9765 UCUUGGAU G UCUUUGCG 12420 CGCAAAGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUCCAAGA AUGGCUUU G CGAACCUU 12421 AAGGUUCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAAGACAU 9743 UUGACAUA G CAUUGAGG 12422 CCUCAAUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UAUGUCAA 9732 UUGAGGAA G UGAAGCGA 12423 UCGCUCCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUCCUCAA 9727 GAAGUGAA G UGAAGGGG 12424 CCACCUCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCCACUUC 9722 GGAGCGAA G UGGCAAAAG 12424 CCACCUCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCCACUUC 9724 GGAGCGAA G UGGCAAAAG 12425 CUUUGCCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUCGCUCC 9714 GUGGCAAA G CAAAGCGA 12427 GACGUUUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUCGCUCC 9714 GUGGCAAA G CAAAGCGC 12427 GACGAUCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUUGCCAC 9714 GUGGCAAA G CAAUCGUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUUGCCAC 9714 GUGGCAAA G CAAUCGUC GGAGGAAAACUCCCUUCAAGGACAUCGUCCGGG UUUGCCAC	1249	9781	_ອ	12419	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34704
9759         AUGUCUUU G CGAACCUU         12421         AAGGUUCG GGAGGAAACUCCCUUCAAGGACAUCGUCGGG AAAGACU           9743         UUGACAUA G CAUUGAGG         12422         CCUCAAUG GGAGGAAACUCCCUUCAAGGACAUCGUCGGG UAUGUCAA           9732         UUGAGGAA G UGGAGGGAA         12423         UCGCUCCA GGAGGAAACUCCCUUCAAGGACAUCGUCGGG UCCUCAA           9727         GAAGUGA G CGAGGUGG         12424         CCACCUCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCCACUUC           9728         GGAGCGAG G UGGCAAAG         12425         CUUUGCCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUCGCCCC           9719         GCGAGGGG G UGCCUUUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUCGCCCC         GCCCUUCGGG CUCGCGG CUCGCCCCCCCCCCCCCCCC	1265	9765	U G	12420	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34705
9743         UUGACAUA G CAUUGAGG         12422         CCUCAAUG GGAGGAAACUCCCUUCAAGGACAUCGUCGGG UAUGUCAA           9732         UUGAGGAA G UGGAGGAA         12423         UCGCUCCA GGAGGAAACUCCCUUCAAGGACAUCGUCGGG UCCUCCAA           9727         GAAGUGAA G CGAGGUGG         12424         CCACCUCG GGAGGAAACUCCCUUCAAGGACAUCGUCGGG UCCACUUC           9728         GGAGCGAG G UGGCAAAG         12425         CUUUGCCA GGAGGAAACUCCCUUCAAGGACAUCGUCGGG CUCGCUCC           9719         GCGAGGGAA         12426         UCGCUUUG GGAGGAAACUCCCUUCAAGGACAUCGUCGGG CUCGCCC           9714         GUGGCAAA         GAAAGCGC         GAAGGAAACUCCCUUCAAGGACAUCGUCGGG CUCGCCC	1271	9759	n G	12421	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34706
9732 UUGAGGAA G UGGAGCGA 12423 UCGCUCCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUCCUCAA 9727 GAAGUGGA G CGAGGUGG 12424 CCACCUCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCCACUUC 9728 GGAGCGAG G UGGCAAAG 12425 CUUUGCCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUCGCUCC 9719 GCGAGGUG G CAAAGCGA 12426 UCGCUUUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUCGCUCC 9714 GUGGCAAA G CAAAGCGA 12427 GACGAUCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUUGCCAC	1287	9743	₽ G	12422	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34707
9727 GAAGUGGA G CGAGGUGG 12424 CCACCUCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCCACUUC 9722 GGAGCGAG G UGGCAAAG 12425 CUUUGCCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUCGCUCC 9719 GCGAGGUG G CAAAGCGA 12426 UCGCUUUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CACCUCGC 9714 GUGGCAAA G CGAUCGUC 12427 GACGAUCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUUGCCAC	1298	9732	O	12423	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34708
9722         GGAGCGAG G UGGCAAAG         12425         CUUUGCCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUCGCUCC           9719         GCGAGGGGA         12426         UCGCUUUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CACCUCGC           9714         GUGGCAAA         G CGAUCGUC         12427         GACGAUCG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CACCUCGC	1303	9727	G	12424	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34709
9719 GCGAGGUG G CAAAGCGA 12426 UCGCUUUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CACCUCGC 9714 GUGGCAAA G CGAUCGUC 12427 GACGAUCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUUGCCAC	1308	9722	S S	12425	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34710
9714 GUGGCAAA G CGAUCGUC   12427 GACGAUCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	1311	9719	ט	12426	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34711
	1316	9714	ט	12427	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34712

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1322	9708	AAGCGAUC G UCCAGGGG	12428	CCCCUGGA GGAGGAACUCCCUUCAAGGACAUCGUCCGGG GAUCGCUU	ندمم	34713
1330	9700	GUCCAGGG G CUUUACCA	12429	UGGUAAAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCCUGGAC	GAC	34714
1343	9687	ACCACACA G UCAUCUCC	12430	GGAGAUGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGUGUGGU	regu	34715
1359	9671	CACUGACA G CCAUGCGG	12431	CCGCAUGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGUCAGUG	GUG	34716
1364	9996	ACAGCCAU G CGGCUGAG	12432	CUCAGCCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUGGCUGU	ngn	34717
1367	9663	eccauges e cugaeucu	12433	AGACUCAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGCAUGGC	JGGC	34718
1372	9658	GCGGCUGA G UCUUUCUU	12434	AAGAAAGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCAGCCGC	ဒင္လင	34719
1396	9634	CUCAAACA G CCAGGUCC	12435	GGACCUGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGUUUGAG	IGAG	34720
1401	9629	ACAGCCAG G UCCUGACU	12436	AGUCAGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUGGCUGU	UGU	34721
1414	9616	GACUUUGG G UCCUUUCC	12437	GGAAAGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCAAAGUC	GUC	34722
1428	9602		12438	GAAACUCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAAAGGGA	GGA	34723
1432	9598	UUUUGUGA G UUUCUCCA	12439	UGGAGAAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCACAAAA	AAA	34724
1451	9579	២	12440		UGA	34725
1486	9544	CCUCACCA G CUGGACGG	12441	CCGUCCAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGGUGAGG	AGG	34726
1494	9236	ecugeaco e ccaeduuo	12442	CAACCUGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGUCCAGC	AGC	34727
1499	9531	ACGGCCAG G UUGGUGAA	12443	UUCACCAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUGGCCGU	CGU	34728
1503	9527	CCAGGUUG G UGAAAGUG	12444	CACUUUCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAACCUGG	:UGG	34729
1509	9521	UGGUGAAA G UGUUUAGG	12445	CCUAAACA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUUCACCA	CCA	34730
1511	9519	GUGAAAGU G UUUAGGGC	12446	GCCCUAAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACUUUCAC	CAC	34731
1518	9512	UGUUUAGG G CGUAGGUG	12447	CACCUACG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCUAAACA	ACA	34732
1520	9510	UUVAGGGC G VAGGUGAC	12448	GUCACCUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCCCUAAA	IAAA	34733
1524	9266	GGGCGUAG G UGACAACU	12449	AGUUGUCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUACGCCC	ာဘာ	34734
1534	9496	g	12450	GGAGUGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAGUUGUC	IGUC	34735
1578	9452	ccaugace e uncuucca	12451	UGGAAGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGUCAUGG	NUGG	34736
1590	9440	UUCCAUCA G CAGCCGGG	12452	CCCGGCUG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG UGAUGGAA	GAA	34737
1593	9437	ဗ	12453	GCGCCCGG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG UGCUGAUG	AUG	34738
1598	9432	GCAGCCGG G CGCAUCAC	12454	GUGAUGCG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG CCGGCUGC	:ugc	34739
1600	9430	b	12455	AAGUGAUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCCCGGCU	igcu	34740
1619	9411	Ö	12456		UGU	34741
1629	9401	ש	12457	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	GUC	34742
1633	9397	Ð	12458	UCAUUGAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCACCUAU	UAU	34743
1644	9386	Ö	12459	UGCCAGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAUCAUUG	tuug	34744
1650	9380	UGGCCCUG G CAAGACGC	12460	GCGUCUUG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG CAGGGCCA	CCA	34745
1657	9373	GGCAAGAC G CCGAUGUU	12461	AACAUCGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUCUUGCC	သည	34746
1663	9367	ຍ	12462	AUGGGGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUCGGCGU	ദേവ	34747
1675	9355	G	12463		1GGG	34748
1678	9352	b	12464	UGCUUGAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGCUUGAU	IGAU	34749
1684	9346	CAGCUCAA G CACCUUAG	12465	CUAAGGUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUGAGCUG	CUG	34750
1692	9338		12466	AAAUGAAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UAAGGUGC	iugc	34751
1706	9324	UUUUCCAA G UCAGCUCU	12467	AGAGCUGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUGGAAAA	AAA	34752

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1710	9320	CCAAGUCA G CUCUCGUG	12468	CACGAGAG GGAGGAAACUCCCUUCAAGGACAUCGUCGGG UGACUUGG	34753
1716	9314	CAGCUCUC G UGAUGCGG	12469	l i	34754
1721	9309	CUCGUGAU G CGGGUGUC	12470	- 1	34755
1725	9305	UGAUGCGG G UGUCCCAG	12471	- 1	34756
1727	9303	AUGCGGGU G UCCCAGCC	12472		34757
1733	9297	GUGUCCCA G CCAGCUGU	12473	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34758
1737	9293	CCCAGCCA G CUGUGUCA	12474	UGACACAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGGCUGGG	34759
1740	9290	AGCCAGCU G UGUCAUCA	12475		34760
1742	9288	CCAGCUGU G UCAUCAGC	12476		34761
1749	9281	UGUCAUCA G CAUAGAUC	12477	GAUCUAUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGAUGACA	34762
1760	9270	UAGAUCUU G CCCCCAGG	12478		34763
1768	9262	GCCCCCAG G CCGGGUGC	12479		34764
1773	9257	CAGGCCGG G UGCCAACU	12480	AGUUGGCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCGGCCUG	34765
1775	9255	GGCCGGGU G CCAACUUC	12481	GAAGUUGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACCCGGCC	34766
1786	9244	AACUUCAC G CAGGAUGU	12482	ACAUCCUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUGAAGUU	34767
1793	9237	CGCAGGAU G UAACCCAG	12483		34768
1801	9229	GUAACCCA G UUUUUGGA	12484		34769
1811	9219	UUUUGGAG G CCCAAGCC	12485	GGCUUGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUCCAAAA	34770
1817	9213	AGGCCCAA G CCCUCGAC	12486	GUCGAGGG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG UUGGGCCU	34771
1838	9192	CCUCCUGA G UUCUUUCU	12487	AGAAAGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCAGGAGG	34772
1852	9178	UCUUCCAA G CCAGUGGU	12488	1	34773
1856	9174	CCAAGCCA G UGGUCUUC	12489	- 1	34774
1859	9171	AGCCAGUG G UCUUCAUU	12490		34775
1881	9149	AACCCAGA G CCUCGAAC	12491	GUUCGAGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCUGGGUU	34776
1898	9132	UCCAGAAA G CGAGCUCC	12492	GGAGCUCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUUCUGGA	34777
1902	9128	GAAAGCGA G CUCCGAGC	12493	GCUCGGAG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG UCGCUUUC	34778
1909	9121	AGCUCCGA G CCACAUGA	12494	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34779
1926	9104	ACCADANG G CUCUGCUU	12495	- 1	34780
1931	6606	AUGGCUCU G CUUCCCUU	12496	1	34781
1941	6806	noccane e cannace	12497		34782
1960	9070	cucuccee e ununucu	12498	AGAAAAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCGGAGAG	34783
1985	9045	CCCAUCAU G UUGUAAAU	12499	AUUUACAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUGAUGGG	34784
1988	9042	AUCAUGUU G UAAAUGCA	12500	UGCAUTUR GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AACAUGAU	34785
1994	9036	UUGUAAAU G CAAGUGUG	12501		34786
1998	9032	O	12502		34787
2000	9030	AUGCAAGU G UGACAUUC	12503		34788
2014	9016	UUCCCCCC G CAGAUGUG	12504	1	34789
2020	9010	CCGCAGAU G UGCCUCGC	12505	- 1	34790
2022	8006	GCAGAUGU G CCUCGCGC	12506		34791
2027	9003	uguaccuc a cacuccuc	12507	GAGGAGCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAGGCACA	34792

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2029	9001	ueccucec e cuccucau	12508	AUGAGGAG GGAGGAAACUCCCIIICAAGGACAUCGIICCGGG GCGAGGCA	34793
2070	8960	ט	12509	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34794
2079	8951	concocoe e cecoccoc	12510		34795
2081	8949	UCUCUGGC G CUCCUCCA	12511	UGGAGGAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCCAGAGA	34796
2098	8932	Ð	12512	UUGAAGAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGAAUCAA	34797
2112	8918		12513	UUUGGGUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAUGUUUG	34798
2121	6068	Ð	12514	CAAUGCAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUUGGGUG	34799
2124	9068	ccaaagcu e cauuecue	12515	CAGCAAUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGCUUUGG	34800
2129	8901	Ð	12516	GUCAACAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAUGCAGC	34801
2132	8898	GCAUUGCU G UUGACCUU	12517	AAGGUCAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGCAAUGC	34802
2162	8988	UCUCGAGA G CACAUUCU	12518	AGAAUGUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCUCGAGA	34803
2176	8854	nancedara e unuunaana	12519	GAGAAAAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUCCCAGA	34804
2187	8843	O	12520	GUUUUUGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAGAGAAA	34805
2196	8834	Ö	12521	GUUGUGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUUUUUGG	34806
2207	8823	ט	12522	ACCACCAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGGUUGUG	34807
2211	8819	Ü	12523	UGAGACCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAACUGGU	34808
2214	8816	D	12524	CAAUGAGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CACCAACU	34809
2224	8806	O	12525	AGUACGUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCAAUGAG	34810
2228	8802	ರ	12526	GUGAAGUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUGCUCAA	34811
2245	8785	ט	12527	CUGAACCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAGAAGGA	34812
2248	8782	O	12528	CUCCUGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGCCAGAA	34813
2256	8774	ט	12529	CACGAAAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCCUGAAC	34814
2262	8768	U	12530	GGUGGACA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAAAGCUC	34815
2264	8766	ŋ	12531	AAGGUGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACGAAAGC	34816
2287	8743	GAACACUC G CUGCUGCC	12532	GGCAGCAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAGUGUUC	34817
2290	8740	U	12533	UCGGGCAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGCGAGUG	34818
2293	8737	ט	12534	CCUUCGGG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG AGCAGCGA	34819
2304	8726	O	12535	UGACACUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCCCUUCG	34820
2307	8723	۵	12536	GACUGACA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UACUCCCU	34821
2309	8721	ၓ	12537	AUGACUGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACUACUCC	34822
2313	8717	O	12538	GGCCAUGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGACACUA	34823
2319	8711	ច	12539	CACCAUGO GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAUGACUG	34824
2325	8705	Ö	12540	UGUUACCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAUGGCCA	34825
2328	8702	D	12541	GAAUGUUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CACCAUGG	34826
2337	8693	ט	12542	1	34827
2343	8687	ø	12543	AUGGGACA GGAGGAACUCCCUUCAAGGACAUCGUCCGGG CAUCACGA	34828
2345	8685	GUGAUGGU G UCCCAUGG	12544	CCAUGGGA GGAGGAACUCCCUUCAAGGACAUCGUCCGGG ACCAUCAC	34829
2353	8677	ဗ	12545	UCUCAAAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAUGGGAC	34830
2365	8665	O	12546	UGGUCAGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCCUCUCA	34831
2386	8644	AUUGACCA G CGAACUGG	12547	CCAGUUCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGGUCAAU	34832

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86311         CUGGOGGA G CUUGUAGG         12549         CCCACAGG G GAGGABACUCCCUUCAAGGACAUCGUCGGG UCCGGG           86321         GCGAGACCU G GAGGACUU         12551         GAACACCU G GAGGABACUCCCUUCAAGGACAUCGUCGGG           86321         GCCGUGGG G CUCCACAG         GAACACCU GAAGGAACACCCCUUCAAGGACAUCGGCGGG         GAGGAGCU G           86321         GCCGUGGG G CUCCACAG         GAACACCA GAAGGAACACCCCUUCAAGGACAUCGUCCGGG         GAGGAGAACACCCGGG           86351         GCCGUGGG G UCCACAGG         GAACACCA GAAGGAACACCCCUUCAAGGACAUCGUCCGGG         GAGGAGAACACCCCCGGG           86351         CCCGUGAIR G UCCACAGG         LASCACCCCGG         GAGGAGAACACCCCCGGG         GAGGAGAACACCCCCGGG           86351         CCCGUGAR         12555         AACUAGAACA         GAGGAGAACACCCCUUCAAGGACAUCGUCCGGG         GAGGAGAACACCCCCUUCAAGGACAUCGUCCGGG           86351         CCAGGAGG         GAACACACA         GAACACACA         GAACACACA         GAACACACA         GAACACACA         GAACACACA         GAACACACAACAACAACAACAACAACAACAACAACAACAA	2394	8636	GCGAACUG G CGGAGCCU	12548	AGGCUCCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAGUUCGC	34833
66231         COGRAGICCUY G UGRGGUAN         12551         AUGUGANG         GARACCCCA         GARACCCA         GARACCCCA         GARACCCA         GARACCCA         GARACCCA         GARACCCA         GARACCCA         GARACCA         GARACCCA         GARACCCA         GARACCA         GARACACA         GARACACAA         GARACACAAA         GARACAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA	+	8631	ט	12549	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34834
66231         GOCCUGUAGO G CUUCACAN         12551         AUDUGAAD G GARGARAACUCCCUUCAAGGACAUCGGGG CACAUADA           86674         URACACOG G COCUCADA         12552         UADUCACG         GAGGARAACUCCCUUCAAGGACAUCGUCGGG         GCAGGUADA           86584         URACACOG G COCUCADA         12553         AACUADAC         GAGGARAACUCCCUUCAAGGACAUCGUCGGG         GCAGGUADA           85581         AGUILLONG         12554         AACUADAA         GGAGGARAACUCCCUUCAAGGACAUCGUCGGG         GCAGGUADA           85581         AGUILLONG         12554         AACUADAA         GGAGGARAACUCCCUUCAAGGACAUCGUCGGG         CUULUAG           85581         AGUILLONG         12554         AACUAGAA         GGAGGARAACUCCCUUCAAGGACAUCGUCGGG         CUULUAG           85582         URACAGAG         12554         AACUAGAA         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG         GAGGAGAACUCCCUUCAAGGACAUCGCGGG         GAGGAGAACACCCCUUCAAGGACAUCGCGGG         GAGGAGAACACCCCUUCAAGGACAUCGCGGGG         GACGAGGAG         GAGGAGAACACCCCUUCAAGGACAUCGGGGGAACACACCCCGGGG         GACGAGGAG         GAGGAGGAACACCCCUUCAAGGACAAUCGCGGGGG         GACGAGGAG         GAGGAGAACACCCCUUCAAGGACAAUCGCGGGGGACACACAC	╀	8627	O	12550	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34835
8667         URUNACU G CORGURBUM         12552         URUNACU G GORGRADANCUCCUUCAAGGACAUCGUCGGG GGGAGUNAGA           8558         WURUCACG G UGURBUM         12553         AACUDAGA GGAGAAACUCCCUUCAAGGACAUCGUCGGG GACCAGUN           8558         MURUCAGG U UGURALU         12554         AUMUCAGA GGAGGAAACUCCCUUCAAGGACAUCGUCGGG CUGAALA           8550         WURUCAGG U UGUCALAC         12557         GAUGAACCA GGAGGAAACUCCCUUCAAGGACAUCGUCGGG CUGAALA           8560         WURUCAGG U UGUCACCA         12557         GAUGAACCA GGAGGAAACUCCCUUCAAGGACAUCGUCGGG CACCAGUA           8561         WURUCAGG U UGUCACCA         12559         GAGAAACCA GGAGGAAACUCCCUUCAAGGACAUCGUCGGG CACCAGUA           8562         WURUCAGG U UGCACCAG         12559         GAGAACCA GGAGGAAACUCCCUUCAAGGACAUCGUCGGG CACCAGUA           8563         WURUCAGG U UGCACCAG         GAGAGAACCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GACCAGUAG           8564         WURUCAGG U UGCACCAG         GAGAGAAACUCCCUUCAAGGACAUCGUCCGGG GACCAGUAG           8555         WURUCAGG U UGCACCAG         GAGAGAAACUCCCUUCAAGGACAUCGUCCGGG GACCAGUAG           8550         WURUCAGG U UGCACCAG         GAGAGAAACUCCCUUCAAGGACAUCGUCCGGG GACCAGUAG           8551         GUCCACGGG G GAGAGAAACUCCCUUCAAGGACAUCGUCCGGG GACCAGUAG           8552         GUCCACGGG G GAGAGAAACUCCCUUCAAGGACAUCGUCCGGG GACCAGUAG           8553         GAGAGACACAGGAGGAGAACACCCCUUCAAGGACA	╀	8623	ט	12551	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34836
8664         Univerger of uncroaded         13553         AACURGADA GARGGAAACUCCCUUCAAGGACAUCGUCGGGG GCCAUULA           8559         CUCUGANIN O UUCCAGGU         12554         ACCUGGAA GARGGAAACUCCCUUCAAGGACAUCGUCGGGG CAUACGG           8591         CURIDUUG O UUCCAGGU         12555         ACUCUGAA GARGGAAACUCCCUUCAAGGACAUCGUCGGGG CAUACGG           8577         UNIVERGIO O UUCCAGU         12556         CAGAGGAAACUC         GARGGAAACUC         GARGGAAACUC           8568         UUCUCAUC         12559         ACUCUCAGG         GARGGAAACUC         GARGGAAACUC         GARGGAAACUC         GARGGAAACUC           8568         UUCUCAUC         12559         ACUCUCAGG         GARGGAAACUCCCUUCAAGGACAUCGUCGGGG GAUCGAAACUC           8558         UUCUCAUC         12550         ACUCUCAGG         GARGGACACAUCGUCCGGGG CACACAACA           8558         AUCUCAGG         12560         CAGAGGAG         GARGGAAACUCCCUUCAAGGACAUCGUCGGGG CACACAACACA	┼	8607	Ö	12552	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34837
8558         COCURADA O UNCOMENT         13554         ACCURGADA GRAGGAAACUCCUUCAAGGACAUCGUCCGGG         UNICAGGG           8559         AGUUCCAG         UUCUMUND         13555         AURUAGAA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         GUGGAACCA           8560         UUCUCCAU         13556         GADAACCA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         CACUCCAUA           8566         UUCUCAUC         13557         GAUGGAACCA         GGAGGAACUCCCCUUCAAGGACAUCGUCCGGG         CACUCGGG         CA	+-	8604	Ø	12553	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34838
8581         AGUICCAGO O UDICUMBNI         13555         AUNUAGAA GORGGAAACUCCCUUCAAGGACAUCUUCAGGG COAUNUAG           8570         CUMUCAGO O UDICUMU         13557         GAGAGCAAACUCCCUUCAAGGACAUCGUCGGGG COAUNUAG           8571         UNUGGGG O UGUCUCU         13557         GAGAGAAACUCCCUUCAAGGACAUCGUCGGGG COAUNUAG           8568         UUCUCAUC         13559         GAGAGAAACUCCCUUCAAGGACAUCGUCGGGG CACUCANG           8568         UUCUCAUC         13550         GAGGAAACUCCCUUCAAGGACAUCGUCGGGG CACUCANG           8568         UUCUCAUC         13560         CAGUUCGA         GAGAGAAACUCCCUUCAAGGACAUCGUCGGGG           8569         AUCUCAUC         13560         CAGUUCGA         GAGAGAAACUCCCUUCAAGGACAUCGUCGGG           8570         GUCCACA         13560         CAGUUCGA         GAGAGAAACUCCCUUCAAGGACAUCGUCGGG           8570         GUCCACA         GAGAGAAACUCCCUUCAAGGACAUCGUCGGG         GUCCACAC           8570         GUCCACA         GAGAGAAACUCCCUUCAAGGACAUCGUCGGG         GUCCACAC           8571         GUCCACAC         GAGAGAAACUCCCUUCAAGGACAUCGUCCGGG         GUCCACAC           8570         GUCCACAC         GAGAGAAACUCCCUUCAAGGACAUCGUCCGGG         GUCACACAC           8571         GUCCACAC         GAGAGAAACUCCCUUCAAGGACAACCGCGGG         GUCACACAC         GAGAGAAACUCCCUUCAAGGACAACACGCGCGGG	╀	8598	O	12554	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34839
9550         CUNDADORO O TOGOTOCO         13555         GARGAACCA GGRAGAAACUCCCUTCAAGGACAUCCUCCGGG GAUGAGAA           8557         VARDAGGG G UNCOCUNC         13550         GAUGAGAAACUCCCUTCCAAGGACAUCGUCCGGG GAUGAGAAA           8568         VARDAGGG G UNCOCUNC         13550         GAUGAGAAACUCCCUTCCAAGGACAUCGUCCGGG GAUGAGAA           8568         AUCUCUUC         12550         ACGUGGC         GACGAGAAACUCCCUCCAAGGACAUCGUCCGGG           8569         AUCUCUUC         12560         CAGUGGCA         GAGGAAAACUCCCUCCAAGGACAUCGUCCGGG           8550         GUCGAGACA         12561         CAGUGGCA         GAGGAGAAACUCCCUCCAAGGACAUCGUCCGGG           8550         GUCGAGACA         12561         CAGUGGAGA         GAGGAGAAACUCCCUCCAAGGACAUCGUCCGGG           8551         GUCGAGGG         12561         CAGUGGAGA         GAGGAGAAACUCCCUCCAAGGACAUCGUCCGGG           8551         GUCGAGGG         12561         CAGUGGAGA         GAGGAGAAACUCCCUCCAAGGACAUCGUCGGG           8551         GUCGAGGG         12562         GAGGAGAAACUCCCUCCAAGGACAUCGUCGGGG         GUCGAGGG           8551         GUCGAGGG         12564         AUCAACAA         GAGGAGAACUCCCUCCAAGGACAUCGUCGGG         GUCGAGGGG           8551         AUCAACAGGG         GUCGAGGGG         12564         AUCAACAGGGGGGGGGGGGGGGGGGGGGGGGAAACUCCCCUCCAAGGACAUCGUCGGGGGGGG	╀	8591	O	12555	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34840
8557         UNUGGOUG Q UUCICINIC         12557         GAUGAGAA GARGAAACUCCCUUCAAGGACUCUCICCGGG CAUGAGAA           8568         UUCICAUC Q UGGIGGG GAGGAGAACUCCCUUCAAGGACUCGUCCGGG CAUGAABA           8563         AUCCUCGG Q UGGIGGG GAGGAGAACUCCCUUCAAGGACAUCGUCCGGG CAUGAABA           8563         AUCCUCGG C G UCGACGG         12556         CGACGUGG GAGGAAACUCCCUUCAAGGACAUCGUCCGGG CACGAGA           8554         AUCCUCGG C G UCGACGG         12567         CAGUUCGA GAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUGAGACCC           8554         GAUCUCAC         12567         CAGUUCGA GAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUGAGACCC           8557         GUCACACCG         12567         CACACACAGA         GAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUGAGACCC           8559         UUCACACC         12567         CACACACAGA         GAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUGAGACC           8550         UUCACACC         12567         CUCACACA         GAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUGAGAACUCCCUUCAAGGACAUCGUCCGGG GUGAGAACUCCCUUCAAGGACAUCGUCCGGG GUGAGAACUCCCUUCAAGGACAUCGUCCGGG GUGAGAACUCCCUUCAAGGACAUCGUCCGGG GUGAGAACUCCCUUCAAGGACAUCGUCCGGG GUGAGAACUCCUUCAAGGACAUCGUCCGGG GUGAGAACUCCCUUCAAGGACAUCGUCCGGG GUGAGAACUCCUUCAAGGACAUCGUCCGGG GUCACACC         12557	╄	8580	O	12556	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34841
85.68         UTCUICANTO G UGGRUGOCA         125.58         UGGRGADACUCALOCARGAGACAUCGUCCAGGAGACAUCGUCCAGGA           85.65         AUCGUGGG         126.59         ACGUGGCA         GAGGAGAAACUCCCUUCAAGGACAUCGUCCGGG         CACGAGAGA           85.65         AUCGUGGG         125.61         CAGUGGGG         GAGGAGAAACUCCCUUCAAGGACAUCGUCCGGG         CACGAGAGA           85.50         AUCGUGGG         125.61         CAGUACGUG         GAGGAAAACUCCCUUCAAGGAACUCGUCCAGGG         GAGGACGAAACUCGUCCAGGAAACUCGUCCAAGGAACUCGUCCAGGG         GAGGACGAAACUCGUCCAAGGAAACUCGCUUCAAGGAACUCGUCCAGGG         GAGGACCACAAGGAAACUCGCUUCAAGGAACUCGUCCAGGG         GAGGACCAGG         GAGGACAAACUCCCUUCAAGGAAACUCCCUUCAAGGAACACUCCGUCCAGGG         GAGGACAGAAACUCCCUUCAAGGAACACUCCCUUCAAGGACAAUCGUCCAGGG         GAGGACAGAAACUCCCUUCAAGGAACACUCCCUUCAAGGACAUCGUCCAGGG         GAGGACACAAAACACAAAGAAAACUCCCUUCAAGGACAUCGUCCAGGG         GAGGACAAAACUCCCUUCAAGGACAUCGUCCAGGAAACUCCCUUCAAGGACAUCGUCCAGGAAACUCCCUUCAAGGACAUCGUCCAGGAAACUCCCUUCAAGGAAACUCCCUUCAAGGAAACUCCCUUCAAGGAAACUCCCUUCAAGGAAACUCCCUUCAAGGAAACUCCCUUCAAGGAAACUCCCUUCAAGGAAACUCCCUUCAAGGAAACUCCCUUCAAGGAAACUCCCUUCAAGGAAACUCCCUUCAAGGAAACUCCCUUCAAGGAAACUCCCUUCAAGGAAACUCCCUUCAAGGAAACUCCCUUCAAGGAAACUCCCUUCAAGGAAACUCCCUUCAAGGAAACUCCCUUCAAGGAAACUCCCUUCAAGGAAACUCCCUUCAAGGAAACUCCCUUCAAGGAAACUCCCUUCAAGGAAACUCCCUUCAAGGAAACUCCCUUCAAGGAAACUCCCUUCAAGGAAACUCCCUUCAAGGAAACUCCCUUCAAGGAAACUCCCUUCAAGGAAACUCCCUUCAAGGAAACUCCCUUCAAGGAAACUCCCUUCAAGGAAACUCCCUUCAAGGAAACUCCCUUCAAGGAAACUCCCUUCAAGGAAACUCCCUUCAAGGAAACUCCCUUCAAGGAAACUCCCUUCAAGGAAACUCCCUUCAAGGAAACUCCCUUCAAGGAAACUCCCUUCAAGGAAACUCCCUUCAAGGAAACUCCCUUCAAGGAAACUCCCUUCAAGGAAACUCCCUUCAAGGAAACUCCCCUUCAAGGAAACUCCCUUCAAGGAAACUCCCUUCAAGGAAACUCCCUUCAAGGAAAC	╀	8577	Ö	12557	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34842
85.65         UCANICGUE G UGCCACGU         125.59         ACGUGGADA, GGAGGAAACUCCCUUCAAGGACAUCGUCGGG         CACAUGAG           85.63         AUCAGUGGG         125.60         CGACGGGG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         ACCACGGG           85.50         GGUCGAACU         125.61         CGAGGGG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         AGUCGACC           85.50         GGUCGAACU         125.62         CGAGGGG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         AGUCGACC           85.51         GGUCGAACU         125.63         GACUCGAG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         AGUCGAG           85.52         GGACGUGG         UCGUCGAC         125.65         GACUCGAGA         GGAGGAAACUCCCUUCAAGGACAUCGUCCCGGG         GGAGGAAACUCCCUUCAAGGACAUCGUCCCGGG         GGAGGAAACUCCCUUCAAGGACAUCGUCCCGGG         GGAGGAAACUCCCUUCAAGGACAUCGUCCCGGG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         GCCGGGG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         GCCGGGG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         GCCGGGGG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	╀	8568	0	12558	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34843
8558         AUCGUIGGO G CCAACUGO         12560         CGAACGUGG GAAGGAAAUCCCUUCAAGGACAUCGUCGGG ACCAACUG           8558         GATGACAC         CAGUUCGA         GAGUUCGAC         GUGGAACCG         12561         CAGUUCGA         GUGGAACCG         12561         CAGUUCGA         GUGGAACCG         12562         CAGUUCGAC         GUGGAACCG         12563         GACUCAGG         GAGUUCGACCCUUCAAGGACAUCGUCCGGG         AGUUCGAC         GUGGACCG         12563         GACUCAGG         GAGUACGC         GUGGACCG         GUGGACCG         12563         GACUCAGG         GAGUACGC         GUGGACACG         GUCGACACG         GUGGACACG         GUGGACACG         GUGGACACG         GUGGACACG         GUGGACACG         GUGGACACG         GUGGACACG         GUGGACACG         GUCGACACG         GUCCACGGO         GUCGACACG         GUCGACACG <td>╀</td> <td>8565</td> <td>ט</td> <td>12559</td> <td>GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG</td> <td>34844</td>	╀	8565	ט	12559	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34844
85.56         GGIDGCACC G         UCCADAGOG         12561         CAGUUCGA         GAGUGCACCOUCAAGGAACUCCUCAAAGGAACUCCCUCAAAGGAACUCCCCCGG         GAGUCACC           85.50         GURGAACO         12562         GACUCAGG         GAGGGAAACUCCCCUCAAGGAACUCCCCCGG         ACUCAGC           85.51         GURCAACO         12563         GACUCAGG         GAGGGAAACUCCCUCCAAGGAACUCCCCCGGG         GUGAGGAACUCCCCUCAAGGAACUCCCCCGGG         GUGAGGAACUCCCCUCAAGGAACUCCCCCGGG         GUGAGGAACUCCCCUCAAGGAACUCCCCCGGG         GUGAGGAACUCCCCUCAAGGAACUCCCCCGGG         GUGAGGGG         GUGAGGAACUCCCCUCAAGGAACUCCCCUCCAAGGAACUCCCCCGGG         GUGAGGGG         GUGAGGGG         GUGAGGAACUCCCCUCCAAGGAGACUCCCCCCGGG         GUGAGGAACUCCCUCCAAGGAACUCCCCUCCAAGGAACUCCCCCCGGG         GUGAGGAACUCCCCUCCAAGGAGACUCCCCUCCAAGGAACUCCCCCCCGGG         ACCCCGGG         GUCAGGAGAACUCCCCUCCAAGGAGACUCCCCCCGGG         ACCCCGGG         GUCAGGAGAACUCCCCCCCCCCCGGGAACUCCCCCCGGG         ACCCCGGGGAACUCCCCCCCCCCCCCCCGGGAACUCCCCCCCC	-	8563	O	12560	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34845
8550         GUCGAACU G UNCUACG         12562         CGUGAGAACU G UNCUACGG         12563         CGUGAGAACUCCUCAAGGACAUCGUCCGGG         AGUNCAAGGACAUCGUCCGGG         AGUNCAAGGACAUCGUCCGGG         GAGUCGAG         B532         ACCCUGAG         GAGUCAAG         GAGUCAAG         GAGUCAAG         GAGUCAAG         GAGUCAAG         GAGUCAAG         GAGUCAAGA         GAGUCAAGA         GAGUCAAGA         GAGUCAAGA         GAGUCAACUCCUCAAGAACUCGUCCGGG         GACUCAGG         B523         UCAAUCCU         12564         AUCAAGAA         GAGAGAAACUCCCUUCAAGGACAUCGUCCGGG         GACUCAGG         BAGAGAAACUCCCUUCAAGGACAUCGUCCGGG         GACUCAGG         BAGAGAACUCCCUUCAAGGACAUCGUCCGGG         GACUCAGG         GAGAGAAACUCCCUUCAAGGACAUCGUCCGGG         GACUCAGG         AUCAGAGA         GAGAGAAACUCCCUUCAAGGACAUCGUCCGGG         GAGAGAAAAA         GAGAGAAACUCCCUUCAAGGACAUCGUCCGGG         ACCAGAGA         GAGAGAAACUCCCUUCAAGGACAUCGUCCGGG         ACCAGAGA         GAGAGAAACUCCCUUCAAGGACAUCGUCCGGG         ACCAGAGA         GAGAGAAACUCCCUUCAAGGACAUCGUCCGGG         ACCAGAGA         GAGAGAAACUCCCUUCAAGGACAUCGUCCGGG         ACCAGAGA         AACACAGGG         AACACAGGG         AACACAGGG         AACACAGGG         AACACAGGG         AACACAGGACAUCGUCCCUUCAAGGACAUCGUCCGGG         AACACAGGG	├	8558	Ö	12561	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34846
6542         GUADUCAR G CCUDAGUC         12563         GACUCAGG GAAGGAAACUCCUUCAAGGACAUCGUCCGGG GUAGGUAC           8536         ACGECUDA         12564         UUDAACCA         GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG           8533         CCUDAAUCC         12565         GUADAACA         GAAGGAAACUCCUUCAAGGACAUCGUCCGGG           8523         UCAAUCCU         UUCAAUCC         12566         AUCAAACA         GAAGGAAAACUCCCUUCAAGGACAUCGUCCGGG           8507         UUUUACUG         UUCUAGGG         UUCUAGGG         AUCAAUCCU         GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG           8505         UUAUGCGG         UUCUAGGG         UUCUAGGG         CUCCUCAG         GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG         CAGGAGAAACUCCUUCAAGGACAUCGUCCGGG           8494         UGAGGAGAA         12567         ACCCCUG         GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG         CAGGAGAAACUCCUUCAAGGACAUCGUCCGGG         CAGGAGAAACUCCUUCAAGGACAUCGUCCGGG         UCAGGAGA         GAGGGAAAACUCCUUCAAGGACAUCGUCCGGG         UCAGGAGA         GAGGGAAAACUCCCUUCAAGGACAUCGUCCGGG         UCAGGAGA         GAGGGAAAACUCCUUCAAGGACAUCGUCCGGG         UCAGGCCGG         CCUGGAGA         GAGGGAAAACUCCCUUCAAGGACAUCGUCCGGG         UCAGGCCGG         UCAGCCGG         UCUCCCCA         GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG         UCAGGCCGG         UCAGGCCGG         UCAGCCGG         UCAGCCGG         UCAGCCGG         GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG <t< td=""><td>⊬</td><td>8550</td><td>Ö</td><td>12562</td><td>GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG</td><td>34847</td></t<>	⊬	8550	Ö	12562	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34847
8536         ACGCCUGA G UCGUUCAA         12564         UUGAACGA GGAGGAAACUCCUUCAAGGACAUCGUCCGGG UCAGGGGGGA           8533         CCUCAAGUC G UCGUUCAA         12565         GAGAUGAGA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         GAGAUGAGG           8503         UCAAUCCU G UUCUUGAA         12566         AUCAGACA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         GAGAGUAAA           8505         UUUUACUG G UUCUGAA         12567         CUCAGACA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         CAGAGUAA           8494         UUUACUG G UUCAGGU         12567         CUCCAGACG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         CACAGUAA           8479         UUACUCCAC         G CAGGGGAA         GGAGGAAACUCCUUCAAGGACAUCGUCCGGG         CACAGUAA           8471         UUCCCAC         G CAGGGGAAACUCCUUCAAGGACAUCGUCCGGG         UCAGCUCCA         GAGGGAAACUCCUUCAAGGACAUCGUCCGGG         CCCUGGUC           8471         UUCCCAC         G CAGGGGAAA         GGAGGAAACUCCUUCAAGGACAUCGUCCGGG         CCCUGGUC         GAGAGGAAACUCCUUCAAGGACAUCGUCCGGG         CCCUGGUC           8471         UUCCCAC         G CAGGGAAA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         CCCUGGUC         GAGAGGAAACUCCUUCAAGGACAUCGUCCGGG         CCCUGGUC         GAGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         CCCUGGUC         GAGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         CCCUGGCC         GAGAGGAAACUCCCUUCAAGG	-	8542	9	12563	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34848
8533         CCUGAGUC G UUCAAUCC         12565         GAAUUGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         ACCAGAUGA           8523         UCAAUCCU G UUCUUGAU         12566         AUCAAGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         AGGAGUAA           8523         UUACUGGU         G UGUCGAC         12566         ACCACAGA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         CAGAGGACAUCGUCGGG           8494         UUACUGGU         G UUUACUGG         G UUCACACU         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         CACACAGUA           8494         UUACUGGU         G UUCACCUU         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         UCACACUCA           8494         UUACCACC         G CCUGGUU         AACCCCUG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         UCACACUCA           8471         UUACCACC         G CCUGGUU         12572         AACCCCUG         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG         UCAGCUCG           8471         UUCCCACC         G CCUGGUU         12572         AACCCCUG         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG         UCAGGCGG           8472         UUCCCACC         G CCUGGUU         12572         AAGCGAGG         GUAGGAAACUCCCUUCAAGGACAUCGCGGG         CCCGGGG           8473         UCCCCACAU         GGAGGAAACUCCCUUCAAGGACACGCGGG         CCCGGGGG         CCCCCAGGG         GAGGGAAACUCCCUUCAAGGACAUCGCCGGG         CCC	-	8536	Ö	12564	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34849
8523         UCRANICCU G UNCUUGAN         12566         AUCAAGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGGAUNGA           8507         UUNACUG G UGUCUGAG         12567         CUCAGACA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAGUAAA           8505         UUNCUGGU G UCUGAGU         12569         CACUCAGA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           8494         UGAGUUCA         12569         CACCUCA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           8494         UGAGGAGA         12570         AACCCCUG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           8471         UGAGGAGA         12571         UGGGAAAA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           8471         UUCCCAC         G CCUGGUU         12571         AACCCCUG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           8471         UUCCCAC         G CCUGGUU         12571         AACCAGGG         GGAGGAAACUCCCUUCAAGGACAUCGGCCGGG           8442         UUCCCAC         G CCUGGUU         12571         AACAGGGG         GGAGGAAACUCCCUUCAAGGACAUCGGG           8442         UUCCCAC         G CCUGGU         12574         AAGAGGAAACUCCCUUCAAGGACAUCGGCCGGG           8442         UUCCCCAC         G CCUGGUA         GGAGGAAACUCCCUUCAAGGACAUCGGCCCGGG           8423         CCUUCCAG         UUCCUUCA         GAGGGAAACUCCCUUCAAGGACACCCCCCGGG	├	8533	Ö	12565	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34850
8507         UNUURCUG G UGUCUGAG         12567         CUCAGACA GGAGGAACUCCUUCAAGGACAUCGUCCGGG CAGUNAA           8505         UUACUGGU G UUGAGUU         12568         AACUCCAGA GGAGGAACUCCCUUCAAGGACAUCGUCCGGG UCAGUCAC           8499         GUGICUCAA         12569         CUGCUCAA         GAGAGGAACUCCCUUCAAGGACAUCGUCCGGG UCAGCCCCGGG           8494         UGAGUUCAA         12570         AACCCCCGG         GAGGGAAACUCCCCUUCAAGGACAUCGUCCGGG         UCAACUCCA           8471         UCCCCACC         G UUTUCCCA         12571         UGGGAAAA         GGAGGGAAACUCCCUUCAAGGACAUCGUCCGGG         GCCUGGUC           8471         UCCCCACC         G UUTUCCCA         12572         AACCCCGGG         GUGGGAAACUCCCCUUCAAGGACAUCGUCCGGG         GCGGGCGG           8457         UCCCCCAC         G UUTUCCCA         12573         AAGUGGAAACUCCCUUCAAGGACAUCGUCCGGG         GGGGGGAAACUCCCUUCAAGGACAUCGUCCGGG         GGGGGGAAACUCCCUUCAAGGACAUCGUCCGGG         GGGGGGAAACUCCCUUCAAGGACAUCGGCGGG         GGGGGGGAAACUCCCUUCAAGGACAUCGGCCGGG         GGGGGGGAAACUCCCCUUCAAGGACAUCGGCCGGG         GGGGGGGAAACUCCCCUUCAAGGACAUCGGCCGGG         GGGGGGAAACUCCCUUCAAGGACAUCGGCGGG         GGGGGGGAAACUCCCCUUCAAGGACAUCGGCCGGG         GGGGGGAAACUCCCCUUCAAGGACAUCGGCCGGG         GGGGGGAAACUCCCCUUCAAGGACAUCGGCCGGG         GGGGGGGAAACUCCCCUUCAAGGACAUCCGGG         GGGGGGGGG         GGGGGGAAACUCCCCUUCAAGGACAUCCGGG         GGGGGGGGG         GGGGGGGAAACUCCCCUUCAAGGACAUCCGGGG	┝	8523	2	12566	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34851
8505         UNACUGGO G UCUGAGUU         12568         AACUCAGA GAGGAAACUCCCUUCAAGGACAUCGUCCGG ACCAGUAA           8499         GUGGUCGA G UGAGGAAACUCCCUUCAAGGACAUCCGUCCGGG UCAGACAC           8494         UGAGGUAA         GAGGGAAACUCCCUUCAAGGACAUCCGUCCGGG UCAACUCC           8418         GAGCAGGG G         GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG UCAACUCC           8418         GAGCAGGG G         GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG CCCUGCCC           8417         UUCCCACC         G CUUCCCC         GCCUGGUU           8427         CCCCCGGG G         GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG GCGGGGG           8427         CCCCCCGGG G UUCCACG         GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG GCGGGGGG           8427         CCCCCCGGG G UUCCACG         GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG GCGGGGGGGGGG	╀	8507	Ö	12567	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34852
8499         GUGGUCUGA G UUGAGCAG         12569         CUGCUCCAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCAGCACA           8494         UGAGUUGA G CAGGGGUU         12570         AACCCCUG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGG         UCACUCCA           8471         UUCCCAC         CCUGGGUU         12573         AACCAGGG         GAGGGAAACUCCCUUCAAGGACAUCGGCCGG         CCUGGGAAG           8471         CCOCCCAGU         12573         AACCAGGG         GAGGGAAACUCCCCUUCAAGGACAUCGGCCGG         CAGGGCAAG           8457         CCUCCCAG         G UUCACUC         12573         AAGUGAAA         GGAGGAAACUCCCCUUCAAGGACAUCGUCCGG         CAGGGCAG           8458         CCUUCCCAA         G UUCACUCC         12574         GAUGUAAA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGG         CAGGGAGAA           8423         CCUUCCAG         G UUUACCUC         12576         GAAAGGAAACUCCCUUCAAGGACAUCGUCCGG         CACAGGCG           8423         CCUUCCAG         G UCCUUUU         12577         AAAAAGGA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGG         CCCAAUAC           8391         UCCUAGGA         G UCCUUUU         12579         AAAAAGGA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGG         CCCAAUAC           8336         UCCUAGGA         G CCCCAAUA         GGAGGGAAACUCCCCUUCAAGGACAUCGUCCGG         CCCCAAUAC         BACACCUG	╀	8505	Ö	12568	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34853
8494         UGAGUUGA G CAGGGGUU         12570         AACCCCUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCAACUCA           8488         GAGCAGGG G UUUUCCCA         12571         UGGGAAAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCCUGCUC           8477         UUCCCACC G CCCUGGUU         12572         AACCAGGG GAGGAAACUCCCUUCAAGGACAUCGUCGGG CGGGGGGG           8471         COGCCCUG G UUUACAUU         12573         AAGUGGAA         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG GAGGAAAG           8457         CUCCCACG G UUUACAUU         12574         GAUGUAAA         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG GAGGAAAG           8442         CUCUCCAG         UUUACAUC         12574         GAAGGAAACUCCCUUCAAGGACAUCGGG GAGGAAAG           8434         GUUUACAUC         12574         GAAGGAAACUCCCUUCAAGGACAUCGGG GAGGAAAG           8423         CCUUCCAG         UCCUUUU         12574         GAAGGAAACUCCCUUCAAGGACAUCGGG GAGGAAGA           8434         GUCUUUU         12576         GAAGGAAACUCCCUUCAAGGACAUCGGG GAGGAAGA           8435         CCUUCAGG         UCCUUUCA         12579         AUGAGCAA           8331         CCUCGAAU         12579         AUGAGAAACUCCCUUCAAGGACAUCGUCGGG CCCAAUA           8331         ACCACGG         GAGAGGAAACUCCCUUCAAGGACAUCGUCGGG CCCAAUA         GAGAGAAACUCCCUUCAAGGACAUCGUCGGG CCCAAUA           8331         ACCACGGG <td< td=""><td>╀</td><td>8499</td><td>O</td><td>12569</td><td>GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG</td><td>34854</td></td<>	╀	8499	O	12569	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34854
8488         GAGCAGGG G UUUUCCCA         12571         UGGGAAAA GGAGGAAACUCCUUCAAGGACAUCGUCCGGG         CCUGCUC           8477         UUCCCACC G CCCUGGUU         12572         AACCAGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGUGGGAA           8471         CCGCCCUG G UUCCACUU         12573         AAGUGGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGGGGGGGGG	╀	8494	O	12570	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34855
8477         UUCCCACC G CCCUGGUU         12572         AACCAGGG GAAGGAAACUCCCUUCAAGGACAUCGUCGGG GGUGGGAA           8471         CCGCCCUG G UUCCACUU         12573         AAGUGGAA GAAGGAAACUCCCUUCAAGGACAUCGUCGGG CAGGGGGG           8457         CUUCCCAA G UUCCAUU         12574         GAUGUAAA GAAGGAAACUCCCUUCAAGGACAUCGUCGGG UUGGAAGA           8442         UCUUCCUC G UAUUGGG         12575         CCCCAAUA GAAGGAAACUCCCUUCAAGGACAUCGUCGGG CAGGAAGA           8423         CCUUCCAG G UCCUUUU         12577         AAAAGGA GAAGGAAACUCCCUUCAAGGACAUCGUCGGG CCCAAUACGA           8423         CCUUCCAG G UCCUUUU         12578         GCAGGUG GAGGAAACUCCCUUCAAGGACAUCGUCGGG CCCAAUACGA           83391         ACCUGGCG G UCCUUUU         12579         AUGACCAG GAGGAAACUCCCUUCAAGGACAUCGUCGGG CCCAAUACGA           83391         ACCUGGCG G UCGUCAC         12578         AUGACCAG GAGGAAACUCCCUUCAAGGACAUCGGCG CCCAAUACGA           83391         ACCUGGCG G UCGUCACA         12589         AUGACCAG GAGGAAACUCCCUUCAAGGACAUCGGG CCCAAUACGA           8331         ACCUGACAG         GCAGGUG GAAGGAAACUCCCUUCAAGGACAUCCGGG CAGGGAAACUCCGCGG CAGGACAACCCCUUCAAGGACAUCCGGG CAGGACAACACCCCUUCAAGGACAUCCGGG CAGGACAACACCCCUUCAAGGACAUCCGGG CAGGACAACACCCCUUCAAGGACAUCCGGG CAGGACAACACCCCUUCAAGGACAACCCCCUUCAAGGACAACCCCCUCCAACACACAC	╀	8488	ŋ	12571	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34856
8471         CCGCCCUG G UUCCACUU         12573         AAGUGGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAGGGCGG           8457         CUUCCCAA G UUUACAUC         12574         GAUGUAAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGG UUGGAAGA           8434         UCUUCCUC G UAUUGGGG         12575         CCCCAAUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGG GAGGAAGA           8434         GUAUUGGG G UCCUUUU         12576         GGAAGGGA GGAGGAACUCCCUUCAAGGACAUCGUCCGG CCCAAUAC           8423         CCUUCCAG G UCCUUUU         12577         AAAAGGA GGAGGAACUCCCUUCAAGGACAUCGUCCGG CCCAAUAC           8398         UCCUAGGA G CCCUGGC         12578         GCCAGGUG GGAGGAACUCCCUUCAAGGACAUCGUCCGG CCCAAUACG           8391         AGCACCUG C CUGGUCAU         12579         AUGACCAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGG CCGGGGAACUCGUCCGG CAGGUGG           8391         AGCACCUG C CUGGUCAU         12579         AUGACCAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGG CAGGUGGAAACUCCCUUCAAGGACAUCGUCCGG CAGGUGGAAACUCCCUUCAAGGACAUCGUCCGG CAGCAGGAAACUCCCUUCAAGGACAUCGUCCGG CAGCAGGAAACUCCCUUCAAGGACAUCGUCCGG AUCAGGACAUCGUCGG CAGCAGGAAACUCCCUUCAAGGACAUCGUCCGG AUCAGGACAUCGUCCGG CAGCAGAACUCCUUCAAGGACAUCGUCCGG AUCAGGACAUCGUCCGG CAGCAGGAAACUCCUUCAAGGACAUCGUCCGG CAGCAGAAACUCCUUCAAGGACAUCGUCCGG AUCAGGAAACUCCUCGG GAGGAAACUCCUUCAAGGACAUCGUCCGG AUCAGAACUCCGUCGG GAGGAAACUCCUUCAAGGACAUCGUCCGG AUCAGAACUC CAGAGGAAACUCCUUCAAGGACAUCGUCCGG GAGGAAACUCCUUCAAGGACAUCGUCCGG ACGAGAAACUCCUUCAAGGACAUCGUCCGG AUCAGAACUC CAGAGGAAACUCCUUCAAGGACAUCGUCCGG GAGGAAACUCCUUCAAGGACAUCGUCCGG ACGAGGAAACUCCUUCAAGGACAUCGUCCGG GAGGGAAACUCCUUCAAACGACAUCGUCCGG ACGAGGAAACUCCUUCAAACAAUCGUCCGG GAGGAGAAACUCCUUCAAACAACCGU	┝	8477	O	12572	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34857
8457         CUUCCCAA G UUUACAUC         12574         GAUGUAAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUGGGAAG           8442         UCUUCCUC G UAUUGGGG         12575         CCCCAAUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAGGAAGA           8434         GUAUUGGG G UCCUUCC         12576         GGAAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCCAAUAC           8423         CCUUCCAG G UCCUUUU         12577         AAAAAGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUGCAAGG           8398         UCCUAGGA G CCCUGGC         12578         GCCAGGUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCCAGGA           8391         AGCACCUG G CUGGUCAU         12579         AUGACCAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCCAGGA           8391         AGCACCUG G CUGGUCAU         12579         AUGACCAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCCAGGA           8391         AGCACCUG G CUGGUCAU         12580         GAAUAUGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAGGUGA           8371         CACUGACAU         12581         AUGUGGUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAGGUGACCAUCGGG CAGGUGAAACUCCCUUCAAGGACAUCGUCCGGG AUCAGGACCAUCGGG CAGGUGAAACUCCCUUCAAGGACAUCGUCCGGG AUCAGGACAUCGUCCGGG AUCAGGACAUCGUCCGGG AUCAGGACCAUCAGGACAUCGUCCGGG AUCAGGACCAUCAGGACAUCGUCCGGG AUCAGGACAUCGUCCGGG AUCAGGACAUCGUCCGGG AUCAGGACAUCGUCCGGG AUCAGGACAUCGUCCGGG ACGAGAAACUCCCUUCAAGGACAUCGUCCGGG ACGAGAAACUCCCUUCAAGGACAUCGUCCGGG ACGAGAAACUCCCUUCAAGGACAUCGUCCGGG ACGAGAAACUCCCUUCAAGGACAUCGUCCGGG ACGAGAAACUCCCUUCAAGGACAUCGUCCGGG ACGAGAAACUCCCUUCAAGGACAUCGUCCGGG ACGAGAAACUCCCUUCAAGGACAUCGUCCGGG ACGAGAAACUCCCUUCAAGGACAUCGGC GCGGAGAAACUCCCUUCAAGGACAUCGGC GCGGAGAAACUC	╀	8471	Ö	12573	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34858
8442         UCUUCCUC G UNUUGGGG         L2575         CCCCAAUA GGAGGAACUCCUUCAAGGACAUCGUCGGG GAGGAAGA           8434         GUANUGGG G UCCUUCC         12576         GGAAGGGA GGAGGAAACUCCCUUCAAGGACAUCGUCGGG CCCAAUAC           8423         CCUUCCAG G UCCUUUU         12577         AAAAAGGA GGAGGAAACUCCCUUCAAGGACAUCGUCGGG CUGGAAGGA           8391         AGCACCUG G CUGGUCA         12578         GCCAGGUG GGAGGAAACUCCCUUCAAGGACAUCGUCGGG CAGGUGC           8391         AGCACCUG G CUGGUCA         12580         GAAUAUGA         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG CAGGUGC           83171         CCUGGCUG G UCAUAUU         12581         AUGUGGUA GGAGGAAACUCCCUUCAAGGACAUCGUCGGG CAGGUGCACAGG           8351         CCUGGCUG G UCAUAUU         12581         AUGUGGUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAGCCAGG           8351         ACCACCACU         12581         AUGUCGAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAGCCAGG           8354         ACCACCACU         12582         GCUUCAGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUGUGGA           8354         UCCCUGAA G CUCGAAG         GGAGGAAACUCCUUCAAGGACAUCGUCCGGG AUGAGCAA           8331         UACACCACA         12583         GAGUCGAG GGAGGAAACUCCUUCAAGGACAUCGUCCGGG ACACAGGACAA           8331         UACACCACA         12584         UCCACGCA GGAGGAAACUCCUUCAAGGACAUCGUCCGGG ACACAGGACAACAGGACAACAGGACAACAGAACAACAACA	╀	8457	0	12574	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34859
8434         GUADUGGG G UCCCUUCC         12576         GGAAGGAAACUCCCUUCAAGGACAUCGUCGGG CCCAAUAC           8423         CCUUCCAG G UCCUUUU         12577         AAAAAGGA GGAGGAAACUCCCUUCAAGGACAUCGUCGGG CUGGAAGG           8398         UCCUAGGA G CACCUGG         12578         GCCAGGUG GGAGGAAACUCCCUUCAAGGACAUCGUCGGG CAGGUGCU           8391         AGCACCUG G CUGGUCAU         12579         AUGACCAG GGAGGAAACUCCCUUCAAGGACAUCGUCGGG CAGGUGCU           8391         AGCACCUG G CUGGUCAU         12580         GAAUAUGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAGGUGCA           8371         CCUGGCUG G UCAUAUUC         12581         AUGUGGUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAGCCAGG           8351         ACCACCAU         GCCAGAUG         GCAGGAGAAACUCCCUUCAAGGACAUCGUCCGGG CAGCCAGG           8351         ACCACCACAU         12581         AUGUCGAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUGUGGCA           8354         UCCCUGAA G CUCGAAG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUGUGGA           8331         UACACCCAA         12583         GAGUCGAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACACGAGA           8332         CAUCUCGA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACACGAGA           8327         UCUCGAAAU         12584         UCCACGCA GGAGGAAACUCCUUCAAGGACAUCGGG GCACGAGAACCCUUCAAGGACAUCGGG GCACGAGAACCCUUCAAGGACAUCGGG GCACGAGAACCCUUCAAGAACACCCUUCAAGAACAACCCCGGG ACACGACAACAACAAACAACAACAACAACAACAACAAACAAC	├-	8442	O	12575	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34860
8423         CCUUCCAG G UCCUUUUU         12577         AAAAGGA GGAGGAAACUCCCUUCAAGGACAUCGUCGGG CUGGAAGG           8398         UCCUAGGA G CACCUGGC         12578         GCCAGGUG GGAGGAAACUCCCUUCAAGGACAUCGUCGGG UCCUAGGA           8391         AGCACUG G CUGGUCAU         12579         AUGACCAG GGAGGAAACUCCCUUCAAGGACAUCGUCGGG CAGGUGCU           8387         CCUGGCUG G UCAUAUUC         12580         GAADAUGA GGAGGAAACUCCCUUCAAGGACAUCGUCGGG CAGCCAGG           8371         CACUGAAU G UCAUAUUC         12581         AUGUGGUA GGAGGAAACUCCCUUCAAGGACAUCGUCGGG AUUCAGUG           8354         ACCACAUU         CACUCAGA         12582         GCUUCAGG GGAGGAAACUCCCUUCAAGGACAUCGUCGGG AUUCAGUG           8354         UCCCUGAA         CUCGACGC         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG AUGUGGU           8331         UACAUGAC         12583         GAGUCGAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUGUGGA           8331         UACAUGAC         12584         UCCACGCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACGAGAA           8327         UACUCGAA         GCGGGAAACUCCCUUCAAGGACAUCGUCCGGG ACGAGAACUCGUCCGGG ACGAGAAACUCCUUCAAGGACAUCGUCCGGG ACGAGAAACUCCUUCAAGGACAUCGUCCGGG ACGAGAAACUCCUUCAAGGACAUCGUCCGGG ACGAGAAACUCGUCCGGG ACGAGAGAAACCCUUCAAGAACACACACCGGG ACGAGAAACACCCUUCAAGAACACACACACACACACACAC	╀	8434	ט	12576	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34861
839B         UCCUAGGA G CACCUGGC         1257B         GCCAGGUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCCUAGGA           8391         AGCACUG G CUGGUCAU         12579         AUGACCAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAGGUGCU           8387         CCUGGCUG G UCAUAUUC         12580         GAAUAUGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAGCCAGG           8371         CACUGAAU G UACCACAU         12581         AUGUGGUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUUCAGUC           8354         VGCCUGAA G CUCGAAG         12583         GAGUCGAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUUCAGGCA           8331         UACCUCGAA         12584         UCCACGCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUGAGCA           8332         CAUCUCGA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUGAGCA           8327         UCUCGUGA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACGAGAUG           8327         UCUCGUGC G UGGAAUUC         12585         AUUCCACG           8327         UCUCGUGC G UGAAUUC         12586         GAAUUCCA           8317         GGAAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCACGAGA	-	8423	Ö	12577	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34862
8391         AGCACCUG G CUGGUCAU         12579         AUGACCAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAGGUGCU           8387         CCUGGCUG G UCAUAUUC         12580         GAAUAUGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAGCCAGG           8371         CACUGAAU G UACCACAU         12581         AUGUGGUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUUCAGUC           8354         VGCCUGAA G CUCGACC         12583         GAGUCGAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUUCAGGCA           8354         VGCCUGAA G CUCGACC         12583         GAGUCGAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUUCAGGCA           8331         UACCUGAA         GCGUGAA         12584         UCCACGCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUGAGA           8327         UCUCGUG G UGGAAUUC         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACGAGAUGA         GAGAGAAAUCC           8327         UCUCGUG G UGGAAUUC         12586         GAAUUCCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCACGAGA           8317         GGAAUUCC G UGAGAAUUC         12587         CACUCUCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCACGAGA	├-	8398	Ö	12578	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34863
8387         CCUGGCUG G UCAUAUUC         12580         GAAUAUGA GGAGGAAACUCCCUUCAAGGACAUCGUCGGG CAGCCAGG           8371         CACUGAAU G UACCACAU         12581         AUGUGGUA GGAGGAAACUCCCUUCAAGGACAUCGUCGGG AUUCAGUG           8361         ACCACAUU G CCUGAAGC         12582         GCUUCAGG GGAGGAAACUCCCUUCAAGGACAUCGUCGGG AAUGUGGU           8354         UGCCUGAA G CUCGACUC         12583         GAGUCGAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUUCAGGCA           8331         UACAUCGU         G UGCGAGAA         12584         UCCACGCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAGAUGUA           8327         UCUCGUGC G UGGAAUUC         12586         GAAUUCCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCACGAUGA           8327         UCUCGUGC G UGGAAUUC         12586         GAAUUCCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCACGAUGA           8317         GGAAUUCC G UGAAGUC         12587         CACUCUCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCACGAUCGGG GCACGAUCGGG GCACGAUCGGG GCACGAUCGGG GCACGAUCGGGG GCACGAUCGGG GCACGAUCGGG GCACGAUCGGG GCACGAUCGGG GCACGAUCGGG GCACGAGGACAUCGGGG GCACGAUCGGG GCACGAUCGGG GCACGAUCGGG GCACGAUCGGG GCACGAUCGGC GCACGAUCGCCGG GCACGAUCGGC GCACGAUCGACGC GCACGAUCGACGC GCACGAUCGCCCGC GCACGAUCGCCCCUCCACGC GCACGAUCCCUCCACGC GCACGAUCGCCCCUCCACGC GCACGACACCACCCUCCACCACCACCACCACCACCACCACCACCA	╀	8391	O	12579	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34864
8371         CACUGAAU G UACCACAU         12581         AUGUGGUA GGAGGAAACUCCCUUCAAGGACAUCGUCGGG AUUCAGUG           8361         ACCACAUU G CCUGAAGC         12582         GCUUCAGG GGAGGAAACUCCCUUCAAGGACAUCGUCGGG AAUGUGGU           8354         UGCCUGAA G CUCGACUC         12583         GAGUCGAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUCAGGCA           8331         UACAUCGU         G UGCGUGAA         12584         UCCACGCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAGAUGUA           8327         UCUCGUGC G UGGAAUUC         12586         GAAUUCCA GGAGGAAACUCCCUUCAAGGACAUCGUCGGG GCACAGAUG           8317         GGAAUUCC G UGAAAUUC         CACUCUCA GGAGGAAACUCCCUUCAAGGACAUCGUCGGG GCACAGAGA	⊢	8387	O	12580	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34865
8361         ACCACAUU G CCUGAAGC         12582         GCUUCAGG GGAGGAAACUCCCUUCAAGGACAUCGUCGGG AAUGUGGU           8354         UGCCUGAA G CUCGACUC         12583         GAGUCGAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUCAGGCA           8331         UACAUCUC         UGCGUGGA         12584         UCCACGCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAGAUGUA           8329         CAUCGUGG         UGCACGCA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACGAGAUG           8327         UCUCGUGC         UGAAAUUC         GAAUUCCA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCACGAGA           8317         GGAAUUCC         UGAAGGG         CACUCUCA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         GGACGAAUCGC	├-	8371	J G	12581	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34866
8354         UGCCUGAA G CUCGACUC         12583         GAGUCGAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUCAGGCA           8331         UACAUCUC G UGCGUGAA         12584         UCCACGCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAGAUGUA           8329         CAUCUCGU G UGCAAAU         12585         AUUCCACG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACGAGAUG           8327         UCUCGUGC G UGAAAUUC         12586         GAAUUCCA GGAGGAAACUCCCUUCAAGGACAUCGUCGGG GCACGAGA           8317         GGAAUUCC G UGAGAGUG         T2587         CACUCUCA GGAGGAAACUCCCUUCAAGGACAUCGUCGGG GGAAUUCC	⊢	8361	D D	12582	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34867
8331         UACAUCUC G UGCGUGGA         12584         UCCACGCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAGAUGUA           8329         CAUCUCGU G CGUGGAAU         12585         AUUCCACG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACGAGAUG           8327         UCUCGUGC G UGGAAUUC         12586         GAAUUCCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCACGAGA           8317         GGAAUUCC G UGAGGAGG         12587         CACUCUCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAAUUCC	-	8354	Ö	12583	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34868
8327 CAUCUCGU G CGUGGAAU 12586 AUUCCACG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACGAGAUG 8327 UCUCGUGC G UGGAAUUC G UGGAAUUC G UGAAGGG GACUCCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCACGAGA CACUCUCAAGGACAUCGUCCGGG GGAAUUCC G UGAAGGG GGAAUUCC G UGAAGGG GGAAUUCC G UGAAGGG GGAAUUCC G UGAAGGG CACGCGC GGAAUUCC G UGAAGGG CACGCG GGAAUUCC G UGAAGGG GGAAUUCC G UGAAGGG GGAAUUCC G UGAAGGG GGAAUUCC G UGAAGG GCACGG GGAAUUCC G UGAAGGG GGAAUUCC G UGAAGG GAAGG GAAGG GAAGGAAAUCC G UGAAGG GAAGG G GCACGG G GGAAUUCC G UGAAGG G GCACGG G GGAAUUCC G UGAAGG G GCACGG G GCACGG G G G GAAGG G G G	-	8331	Ö	12584	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34869
8327 UCUCGUGC G UGGAAUUC 12586 GAAUUCCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCACGAGA 8317 GGAAUUCC G UGAGAGUG 12587 CACUCUCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAAUUCC	-	8329	J G	12585	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34870
8317 GGAAUUCC G UGAGAGUG   12587 CACUCUCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAAUUCC	-	8327	G.	12586	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34871
	├-	8317		12587	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34872

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2773         8397         GRANGUEGO G UNIDURANC         12589         GEORGOGARA GRANGARAACUCCCUUCAAGGACAUCGUCCGGG           2774         8236         UUCUGACO G UNICACCOCC         12589         GEOGGGGA GARAACUCCCUUCAAGGACAUCGUCCGGG           2775         8236         UUCUGACO G UNICACACA         12591         GEOGGGGAAACUCCUUCAAGGACAUCGUCCGGG           2775         8276         CONDAGOG G ONDUCACA         12593         GEOGGGGAAACUCCUUCAAGGACAUCGUCCGGG           2776         8277         COCACACG G ONDUCACA         12593         GUCCCACACG           2778         8276         COCACACG G ONDUCACA         12593         GUCCCCUUCAAGGACAUCGUCCGGG           2778         8276         GUCCCUUCAAGGACAUCGUCCCGGG         GUCCCCUUCAAGGACAUCGUCCCGGG           2778         8277         GUCCCUUCAAGGACAACUCCUCCCGGGGGGAAACUCCCUUCAAGGACAUCGUCCCGGG           2786         8278         GUCCCUUCA         12599         GUCCCCCUUCAAGGACAACUCCUCCGGGGGGAAACUCCCUUCAAGGACAACUCCUCCGGGGGGGG	2719 8311	CCGUGAGA G UGGGUUUC	12588	GAAACCCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCUCACGG	34873
8256         UDURACCA G GUUGGAG         12591         GGAGGGABA AGUCCCUTUCAAGGACALUCGUCCGGG           8278         CCAULACGG G GUUGGAG         12592         UGCUCCAAG         GGAGGABAACUCCCUUCAAGGACALUCGUCCGGG           8278         AUMCCGGG G UUGGAGG         12592         UGCUCCAAG         GGAGGABAACUCCCUUCAAGGACALUCGUCCGGG           8278         AUMCCGGG G UUGGAGG         12593         UGCGCUCCAG         GGAGGABAACUCCCUUCAAGGACALUCGUCCGGG           8245         AUMCGGG         12594         AGAGGACA         12596         CUCCAUCA           8241         UUCGGCAU         GAGGGAAACUCCCUUCAAGGACALUCGUCCGGG         8246         BACCUCCA           8255         AUGUGGA         12596         UGCCCCUCG         GGAGGAAACUCCCUUCAAGGACALUCGUCCGGG           8250         ACCUCACA         12597         GAAGGAAACUCCCUUCAAGGACALUCGUCCGGG           8270         ACCUCACA         12597         GAAGGACAACUCCCUUCAAGGACALUCGUCCGGG           8193         ACCUCACA         12597         GAACUCCG         GAAGGACA           8194         UCCCCCGG         GCACCACGC         UCCCCCCGG         GAAGGACAACCCCUUCAAGGACACCCCUCCAGGG           8116         ACCUCACA         GAACGACA         GAAGGACAACCCCUUCAAGGACACCCCUCCACGGG           8117         ACCUCACA         GAACCACA         GAACCACACA <td><del> -</del></td> <td>Q</td> <td>12589</td> <td>GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG</td> <td>34874</td>	<del> -</del>	Q	12589	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34874
8220         CCCUMACCG G CGUUGGAG         12591         CUCCAAAC GGAGGAAAACUCCCUUCAAGGACALUCGUCGGG           8278         BUGGAGCA LUGGAGAAACUCCCUUCAAGGACALUCGUCGGG           8278         CCCUUGGA G CAGCUCCA         12593         UGGAGCAAACUCCCUUCAAGGACALUCGUCGGG           8278         CCCUUGGA G CAGCUCCA         12594         AGAUGGAGAAACUCCCUUCAAGGACALUCGUCGGG           8284         GACUUGGA G CACCUCCA         12595         CUCACUCCA           8210         GAGGAGAAACUCCCUUCAAGGACALUCGUCGGG           8221         AUGAGGCA G CACCUCCA         12597         GUGCCCUA           8222         AUGAGGACA         12596         CUCACUCCA           8220         AUGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           8220         AUGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           8220         AUGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           8220         ACCUUCAA         12597         GUGCCCUA         GAGGAAAACUCCCUUCAAGGACAUCGUCCGGG           8220         ACCUUCAA         12590         ACCUCACGGG         GAACUAGGAACAUCCGUCCGGGGGGAAACUCCCUCCAAGGACAUCCGCGGGGGGGAACACCCCUUCAAGGACAUCCGCGGGGGGGG	┝	Ü	12590	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34875
8278         AIRACCGGO G URGGARGAA         12593         UGCUCOLA         GARGGAAACUCCCUUCAAGGACAUCGUCGGG           8272         GGGUGGAG G CUCCAUCA         12593         UGGAGGAAACUCCCCUUCAAGGACAUCGUCGGG           8269         UUGGAGAG G CUCCAUCA         12594         UGGAGGAAACUCCCUUCAAGGACAUCGUCGGG           8271         UUGGAGAG G CUCCAUCA         12595         CCUCAUCA         GAGGACAACUCCCUUCAAGGACAUCGUCGGG           8231         UUGGAGAG G CAGAGCAC         12596         UGCCCUTG         GAGGAGAACUCCCUUCAAGGACAUCGUCGGG           8232         AUGUAGACA         12596         UGCCCUTG         GAGAGAAACUCCCUUCAAGGACAUCGUCGGG           8220         ACCUCCAC         12597         UGCCCUTG         GAGAGAAACUCCCUUCAAGGACAUCGUCGGGG           8220         ACCUCCACA         12599         UGCCCUTG         GAGAGAAACUCCCUUCAAGGACAUCGUCGGGG           8120         ACCUCCACA         12599         UGCCCUTG         GAGAGAAACUCCCUUCAAGGACAUCGUCGGG           8120         ACCUCCACA         12500         QACCAGGGGAAACUCCCUUCAAGGACAUCGUCGGG           8119         CCCUCAGAU         12501         QGCACAGGGGGAAACUCCCUUCAAGGACAUCGUCGGG           8119         CCCUCACA         12501         QGCACAGGGGAAACUCCCUUCAAGGACAUCGUCGGGG           8119         CCCUCCACA         12501         QGCACAGGGGGAAACUCC	┞	O	12591		34876
8273         GOGGUNGAR         12593         UGGAGGUNGAR         GAGGARAACUCCCUUCAAGGACAUCGUCCGGG           8269         UUGGAGGAG         GOCUNCUC         12594         AGAGGAAACUCCCCUUCAAGGACAUCGUCCGGG           8245         UUGGAGGAG         GOCUCUCUC         CCURCAGG         GAGGGAAACUCCCCUUCAAGGACAUCGUCCGGG           8241         UUCGAGCA         12596         UGCCCCUT         GAGGGAAACUCCCCUUCAAGGACAUCGUCCGGG           8231         AUGUAGGAC         12597         GAGCUCCG         GAGGACAAACUCCCCUUCAAGGACAUCGUCCGGG           8232         AACUUCAC         12599         UGACUCCG         GAGGACAAACUCCCCUUCAAGGACAUCGUCCGGG           8230         AACUUCAC         12599         UGACUCCG         GAGGACAAACUCCCCUUCAAGGACAUCGUCCGGG           8120         AACUUCAC         12590         UGACUCCG         GAGACUCG         GACCCCGG         GACCCCGG         GACCCCCGG         GACCCCCGG         GACCCCCGG         GACCCCCGG         GACCCCCGG         GACCCCCGG         GACCCCCGG         GACCCCCGG         GACCCCCGG         GACCCCCCGG         GACCCCCCGG         GACCCCCCGG         GACCCCCCGG         GACCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC	Ļ	O	12592	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34877
9269         UUGGAGCA G CUCCAUCU         12594         AGAUGGAG GGAGAAACUCCCUUCAAGGACAUCGUCGGG           8245         GACUUGG         CUDAGGAAACUCCCUUCAAGGACAUCGUCGGG           8245         GACUUGG         CAGAGAAACUCCCUUCAAGGACAUCGUCGGG           8235         AUGGGCAU         UAGGGGAA         12596         UGAGGGAAACUCCCUUCAAGGACAUCGUCGGG           8230         AUGGGCAU         12597         UGAGGGAAACUCCCUUCAAGGACAUCGUCGGG           8230         ACCUUCAA         12599         UGAGGGAAACUCCCUUCAAGGACAUCGUCGGG           8230         ACCUUCAA         12590         UGAGGAAACUCCCUUCAAGGACAUCGUCGGG           8230         ACCUUCAA         12600         UGAGGAAACUCCCUUCAAGGACAUCGUCGGG           8190         VACUUCAA         12601         UGAGCGAAACUCCCUUCAAGGACAUCGUCGGG           8191         CCCUCGGU         G UGCCAGC         12602         ACGGAGAAACUCCCUUCAAGGACAUCGUCGGG           8194         UCCCGGU         G UCCUCAAC         12603         ACUGGGACAACUCCCCUUCAAGGACAUCGUCGGG           8118         UCCCCCAG         UCCUCAAC         12604         UUCAACAACAACACCCCUUCAAGGACAUCGUCCGGG           8118         UCCCCCAG         UCCCCAGG         GACACAGAAACUCCCCUUCAAGGACAUCGUCCGGG           8118         UCCCCCAGG         GUUGACCAA         12604         UUCACACAAACAACAACAA	├	O	12593	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34878
8245         GACTUTOGO G CAUGUNGG         12595         CCURCAUD G GARGARACUCCUTOLAAGGACAUCGUCCGGG           8241         UUGGGGAU G UAGGGCA         12596         UGCCCCTIA GGAGGARACUCCCUTOLAAGGACAUCGUCCGGG           8230         GAGGACAA G CACAUCA         12596         UGCCCCTIA GGAGGAAACUCCCUTOLAAGGACAUCGUCCGGG           8230         GAGGCAAA         12599         UGAGGAAACUCCCUTOLAAGGACAUCGUCCGGG           8206         BUDCCUUG         CCACACACA         12590         ACCAGGGGG GAGGAAACUCCCUTOLAAGGACAUCGUCCGGG           8190         BUCCCUCG         L15601         UGGGCGGG         GAGGAAACUCCCCUTOCAAGGACAUCGUCCGGG           8194         UUCCGUCCG         GUCCCCCCC         12602         ACTUGGCCC         GAGGAAACUCCCUTOCAAGGACAUCGUCCGGG           8150         CCCCCCGGU         GCACCAGU         12602         ACTUGGCCC         GAGGAAACUCCCCUTOCAAGGACAUCGUCCGGG           8151         UCCCUCGGU         GCACCAGU         12602         ACTUGGCCC         GUCCACCCCCTOCACACCCCUTOCAAGGACAUCGUCCGGG           8152         CCCCCCGAU         GCACCACACU         12603         ACTUGGCTCCCCTOCACACCCCUTOCAAGGACAUCGUCCGGG           8154         UCCCCCCACACACACACACACACACACACACACACACAC	-	Ö	12594	1	34879
8231         UVICGGCNU G UNGGGGCA         12556         UGCCCCUTA GGAGGAAACUCCCUUCAAGGACAUCGUCGGGGGGGGGG	╀	O	12595	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34880
8235         AUGUAGGG C CAGAGCAC         12597         GUGCUCUG GGAGGAAACUCCUUCAAGGACAUCGUCCGGG           8230         ACCCUUCAC         CACAAAUUC         12598         UGAAGGGG GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG           8220         ACCUUCAC         CACAAUUC         12509         ACCGAGGG GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG           8200         ACCUUCAC         C ACACACGGG GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG           8193         GCCCUCGGG         12601         ACCGAGGG GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG           8194         UCCCUCGGG         12601         ACCGAGGG GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG           8195         GCCCUCGGG         12601         GUGGGAAACUCCCUUCAAGGACAUCGUCCGGG           81194         UCCCUCGGG         12602         ACUGGCGGG         GUGGGAAACUCCCUUCAAGGACAUCGUCCGGG           81194         UCCCUCGGG         GUCCUCAAC         12603         ACGACGGGGAAACUCCCUUCAAGGACAUCGUCCGGG           81195         UCCCUCAGG         GUCCUCAGG         GUCCUCAGG         GUCCUCAGG           8115         UCCCCCAGG         GUCCUCAGG         GUCCUCAGG         GUCCUCAGG           8116         UCCCCCAGG         GUCCUCAGG         GUCCUCAGG         GUCCUCACAGGACAUCGUCCCUUCAAGGACAUCGUCCGGG           8117         UCUCCCAGG         GUCCUCAGG         GUCCUCAGGACACACACACACACAGGACACACCCUUCAAGGACAU	╀	O	12596		34881
8230         GGGGCHAR G CACCTUCA         12598         UGAAGGUG GAGGAAACUCCUUCAAGGACAUCGUCCGGG           8220         ACCUTOGC         CABANUUC         12599         GAAUUUUG GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG           8120         UUCCCUUG         CCCUCGGU         12601         UGCGUGG         GAAGGACAACUCCCUUCAAGGACAUCGUCCGGG           8139         GGCCCUGG         UCCCUUG         CCAGGCGG         GAAGGACAACUCCCUUCAAGGACAUCGUCCGGG           8139         UCGGGGGG         CCCUCGGG         12602         ACCGGGGGGGAAACUCCCUUCAAGGACAUCGUCCGGG           8130         UCGGGGCG         CCAGGCCG         GAGGCCGGG         GAGGCCGGG           8130         UCGGGGCG         GUCGGAGAACUCCCUUCAAGGACAUCGUCCGGGG           8140         UCGGGCGG         GUCGAGAACUCCCUUCAAGGACAUCGUCCGGGG           8150         UCCUCGAG         GACUCGGGGGAAACUCCCUUCAAGGACAUCGUCCGGGG           8110         CCCCGAAGG         UCCCCCACCCCUCACCGGGGGAAACUCCCUUCAAGGACAUCGUCCGGGGGGGG	-	ט	12597	ı	34882
8220         ACCUUCAC G CAAAAUUC         12599         GAAUUUUG GGAGAAACUCCCUUCAAGGACUCAGGACAUCGUCCGGG           8206         UUCCUUG G CCCUCGGU         12600         ACCGAGGG GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           8199         GGCCCUCG G UGCAGCCA         12601         ACCGAGGG GGAGAAACUCCCUUCAAGGACAUCGUCGGG           8194         UCGGUGG G UGCAGCCA         12602         ACCGAGGGAAACUCCCUUCAAGGACAUCGUCGGG           8194         UCGGUGCA         12603         ACGACCGG         GGAGCACACCUCCAACGACAUCGUCCGGG           8194         UCGGUCACA         12604         GUUCACAA         12604         GUUCACAACGACCCUUCAAGGACAUCGUCCGGGG           8150         UCCCCAAAUC         12604         GUUCACAGG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGGG           8162         CCCCGAAUC         12605         GUUCACAGG         GGAGGAAACUCCCUUCAAGGACAUCGUCGGGGGGGGGGG	╀	O	12598		34883
8206         UUICCCUUG G CCCUCGGU         12600         ACCGAGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           8199         GGCCCUGG G UGCAGCCA         12601         UGGCUGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           8194         UCCCUCGGG G UCCCAGU         12602         AGGACUGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           8194         UCCGUCGGG G CCAGUCCA         12603         AGGACUGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           8196         UGCGAGCA         12604         GUUGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           8116         UCCUNUCA         12604         GUUGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           8117         CACUCAAC         12605         GCAUGGG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           8118         UUCCCAAU         UCCAAUAAC         12606         GUUGUGAA         GAGGAAACUCCCUUCAAGGACAUCGUCCGGG           8108         CUUCAAAC         12609         UUGUGACA         GAGGAAACUCCCUUCAAGGACAUCGUCCGGG           8108         AAAGGAGU         GAGGAAACUCCCUUCAAGGACAUCGUCCGGG         GAGGAAACUCCCUUCAAGGACAUCGUCCGGG           8108         AAAGGAGU         UUCCAACAA         12619         UUGUGACA         GAGGAAACUCCCUUCAAGGACAUCGUCCGGG           8108         AAAGGAGU         UUCAACAA         12619         UUGUGACA         GAGGAGAAACUCCCUUCAAGGACAUCGUCCGGG           8108         CUU	╄	Ð	12599	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34884
8199         GGECCUCG G UGCAGCCA         12601         UGGCUGCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           8197         CCCUCGGU G CAGCCAGU         12602         ACUGGCUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           8194         UCGGUGCA G CCAGUCCA         12603         ACGACUGG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           8194         UCGGUGCA G CCAUUCAA         12603         GUCAUGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           8155         CCCCGAAUC G UCCUCAA         12606         UUGAAGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           8156         CGCCCUAA         12606         UUGAAGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           8157         CGUCCUAA         12606         UUGAAGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           8103         AAAGGAGG G UGUCACAA         12606         UUGUGGAA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           8103         AAAGGAGG G UGUCACAA         12606         UUGUGGAA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           8103         AAAGGAGG G UGUCACAA         12610         UUGUGGAA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           8104         AAAGGAGG         UUGUGGAA         12610         UUGUGGAAACUCCCUUCAAGGACAUCGUCCGGG           8105         AAAGGAGG         UUGUUCAA         12610         UUGUUCAAGGACAUCGUCCGGG           806         CUCUUCAA         12611 </td <td>┝</td> <td>D D</td> <td>12600</td> <td>GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG</td> <td>34885</td>	┝	D D	12600	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34885
8197         CCCUGGGU G CAGCCAGU         12602         ACUGGCUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           8194         UCGGUGCA G CCAGUCCU         12603         AGGACUGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           8195         UGCGACCA G UCCUCAAC         12604         GUUDAGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           8155         CCCCAAAUC G UCCUCAAC         12604         GUUDAGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           8118         CCCCCAAUC G UCCUCAAC         12605         UUGAAGAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           8118         CACCUCAA         G CUUUGAA         12609         UUGUAGGAAACUCCCUUCAAGGACAUCGUCCGGG           8108         AAAGGAGGU G UCACAACA         12609         UUGUAGGAACUCCCUUCAAGGACAUCGUCCGGG           8108         AAGGAGGU G UCACAACA         12610         UUGUAGGAAACUCCCUUCAAGGACAUCGUCCGGG           8108         CUUCUCAA         12611         UCUUCAGAAACUCCCUUCAAGGACAUCGUCCGGG           8086         CUCUCAACA         12611         UCUUCAGAAACUCCCUUCAAGGACAUCGUCCGGG           8081         GUAGAACAC         12613         CAUUUGUCA         GAGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           8082         GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG         804         BAAGGAACUCCCUUCAAGGACAUCGUCCGGG           8084         UCUUCAUC         12613         CAUUUUCA         GAGAGGAAACUCCCUUCAAGGACAUCGUCCGGG<	H	O	12601	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34886
8194         UCGGUGCA G CCAGUCCU         12603         AGGACUGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           8190         UGCAGCCA G UCCUCAAC         12604         GUUGAGGA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           8150         CCCGAAUNGC         12604         GUUGAGGA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           8155         CGUCCUNA         12605         GUCAAGUG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           8118         CCCCCUNA         G CCCUUCAAGG         12606         GUCAAGUG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           8118         UCUCCGAU         G UCACAAGG         12607         UUGUGGGAACUCCCUUCAAGGACAUCGUCCGGG           8108         CUCCCGAU         G UCACAAGA         12609         UUGUGAAACUCCCUUCAAGGACAUCGUCCGGG           8108         CUCCCGAU         G UCACAAGA         12610         UUGUGAAACUCCCUUCAAGGACAUCGUCCGGG           8108         CUCCACAAG         12610         UUGUGAAACUCCCUUCAAGGACAUCGUCCGGG           8108         CUCCACAAG         GUGACAAAC         12611         UUGUCACCCCUUCAAGGACAUCGUCCGGG           808         CUCCACAAGGACAAUCGUCCCGGG         12612         CUCUCACAAGGACACCCCUUCAAGGACAUCGUCCGGG           808         CUCCACAAGGACAACCCCUUCAAGGACACCCCUUCAAGGACAUCGUCCGGG         12612         CAUUGGCCCCAAGGACACCCCUUCAAGGACACCCCCGGG	┡	ဖ	12602		34887
8190         UGCAGCCA G UCCUCAAC         12604         GUUDAGGA GGAGGAAACUCCUUCAAGGACAUCGUCCGGG           8152         CCCGAAUC G UCCUANG         12605         GCAUNGGA GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           8155         CCCCAAUC G UCCAAAA         12607         GUUDAGGAGAACUCCCUUCAAGGACAUCGUCGGG           8118         CCACCUCA         G CACUUCAA         12607         GUUDGGGG           8118         CCACCUCA         G CACUUCAA         12609         UUGUGGA         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           8105         AAAGGAG         G UCUCAAAA         12609         UUGUGAG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           8108         CUCCAAAA         12619         UUGUGAG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           8108         CUCCAAAA         12619         UUGUGAG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           8108         CUCCAAAA         12619         UUGUGAG         GAGGGAAACUCCCUUCAAGGACAUCGUCGGG           8108         CUCCAAAA         12619         UUGUGAGA         GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG           8108         CUCCAAAAA         12619         UUGUGAGA         GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG           8108         CUCCAAAAA         12619         UUGUGUCCGGG         GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG           8108         CUCCAAA	╀	G	12603	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34888
8152         CCCGRANUC G UCCURNGC         12605         GCRANAGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           8141         CAACCURA G CACUUCAA         12606         UUGAAGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           8141         CAACCURA G CACUUCAA         12609         CUUGAGGA           8118         UCUCCGAN G UCACAAA         12609         CUUGUGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           8103         AAAAGGAGG         GUUCACAAA         12609         UGUUGUGA GGAGGAAACUCCCUUCAAGGACACUCGUCGGG           8108         CUCACAAAA         12610         UGUUGUGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           8082         CUCACAAA         12610         UGUUGUGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           8084         CUCACAAA         12611         UCUCACAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           8085         CUCACAAA         12612         GUGUUCUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           8086         UCUCACAA         12613         CAUGGUCA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           8029         AUDACAUG         UCCACAA         12613         CAUGUUCA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           8029         AUDACUCA         12613         AACUGGAA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           8020         AUDACCUCA         12613         AACUGGAA         GGAGGAAACUCCCUUCAAGG	┝	O	12604	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34889
8155         CGUCCUNU G CUCUICAA         12606         UUGAAGAG         GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG           8118         CAACCUCA G CACUUGAC         12607         GUCAAGUG         GAGGGAAACUCCCUUCAAGGACAUCGUCGGG           8118         UCUCCCAU         GUCACACA         12609         CUUIGUGA         GAGGGAAACUCCCUUCAAGGACAUCGUCGGG           8105         AAAGGAGG         GUCACACA         12609         UUGUGACA         GAGGGAAACUCCCUUCAAGGACAUCGUCGGG           8105         ACUCAAACA         12610         UGUUGUCA         GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG           8024         CUCUCAAGA         UCUCACAG         GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG           8025         GUCACAUC         12613         CAUUGUCA         GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG           8029         AUAACUU         G UCCACACA         GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG           8021         AUAACUU         G ACUCACAC         12613         CAUUGUCA         GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG           8029         AUAACUU         G ACUUCAU         12614         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           8021         AUAGCAU         12615         AACUAGUG         GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG           8021         UUGCCCUU         12615         AACUAGUG         GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG <td> -</td> <td>9</td> <td>12605</td> <td>GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG</td> <td>34890</td>	-	9	12605	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34890
8141         CAACCUCA G CACUUGAC         12607         GUCAAGGAAAACUCCCUUCAAGGACAACCUCCAGGACGACAUCGUCCGGG           8118         UCUCCGAU G UCACAAAG         12608         CUUUGUGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           8105         AAAGGAG G UCACAAAA         12609         UGUGACA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           8103         AGGAGGAA         12610         UGUUGACA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           8082         CUCACAAA         12611         UCUUCAGG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           8029         UCUUCAUG         UACACAAU         12613         CUUUGUCC         12613         CUUUGUCC           8029         UCUUCAUG         UACACAAUG         12613         CUUUGUCC         12614         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           8029         UCUUCAU         UACACAAUG         12613         CAUUGUCA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           8029         AUBACUU         CACUUCAU         12615         AACUAGGACAUCCCUUCAAGGACAUCGUCCGGG           8029         AUBACAU         12615         AACUAGGACAUCCCUUCAAGGACAUCGUCCGGG           8021         UUGCACUA         12616         AGGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           8023         UUGCACUA         12617         AUGACCCCA         AGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           8010 <td> -</td> <td>Ö</td> <td>12606</td> <td></td> <td>34891</td>	-	Ö	12606		34891
8118         UCCUCCRAÍO G UCACARAG         12608         CUUUGUGA GGAGGAACUCCCUUCAAGGACAUCGUCCGGG           8105         AAAGAGG G UGUCACAA         12609         UUGUGACA GGAGGAACUCCCUUCAAGGACAUCGUCCGGG           8105         AGGAGGGU G UCACAACA         12610         UGUUGUGA GGAGGAACUCCCUUCAAGGACAUCGUCCGGG           8086         CUCAGAAG G UCACAACA         12611         UCUACAGGAACUCCCUUCAAGGACAUCGUCCGGG           8087         CUCAGAAG G UCACAACA         12611         UCUACAGGAAACUCCCUUCAAGGACAUCGUCCGGG           8087         GAAGGUC G UCACAACAC         12612         GUGUUCUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           8028         AUGACAAU G UCACAACAC         12613         CAUUGUCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           8029         AUGACAUA G UCACAGAG         12614         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           8029         AUGACAUA         12615         AACUAGGA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           8020         AUGACCAU         12616         AGGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           8020         AUGACCUA         12617         AUGACCCAUCCCUUCAAGGACAUCGUCCGGG           8020         CUCUUCAU         12617         AUGACCCA         12617           8020         CCCGGGAC         CCCUUUGU         12621         AGGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           7981	├	ט	12607	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34892
8105         AAAGGAGG G UGUCACAA         12609         UUGUGACA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           8103         AGGAGGGG G UGUCACAA         12610         UGUUGUGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           8086         CUCAGAAG G UCUGUAGA         12611         UCUACAGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           8082         GAAGGUC G UACAAUG         12612         GUGUUCUA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           8084         UCUUCAUG G UACAAUG         12613         CAUUGUCA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           8024         UCUUCAUG G UACCAUC         12613         CAUUGUCA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           8025         AUAACUU G CACUUCAU         12615         AACUGGAAACUCCCUUCAAGGACAUCGUCCGGG           8027         UUGCACUA         12616         AACUGGAAACUCCCUUCAAGGACAUCGUCCGGG           8017         UUGCACUA         12616         AACUGGAAACUCCCUUCAAGGACAUCGUCCGGG           8018         CUCUUCAU         12618         AACCCCAA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           7998         CCCCUUUCA         12618         ACCACGAGAGACAUCCCUUCAAGGACAUCGUCCGGG           7991         CCCCUUUCA         12618         ACCACGAGAGAGACAUCCCUUCAAGGACAUCGUCCGGG           7989         CCCCUUUGU         UCCCCCUU         12621         AGGGGGAAACUCCCUUCAAGGACAUCG	-		12608	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34893
8103         AGGAGGU G UCACAACA         12610         UGUUGUGA G GAGGAAACUCCCUUCAAGGACAUCGUCCGGG           8086         CUCAGAAG G UCUGUAGA         12611         UCUACAGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           8082         GAAGGUCU G UAGAACAC         12612         GUGUUCUA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           8054         UCUUCAUG G UAGAACAC         12613         CAUUGUCA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           8029         UUCUCAUG G UCCCAUCC         12614         GGAUGGAA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           8029         AUBACUU G CACUAGUU         12615         AACUAGUG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           8017         UAGUCGGC         12616         AGCCCCAA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           8017         UAGUCGGC         CCCUUGU         12617         AUGAAGGA GAGGAAACUCCCUUCAAGGACAUCGUCCGGG           8018         CUCUUCAU         G UCCGGGAC         12618         ACCCCAA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           8018         CUCUUCAU         G UCCGGGAC         12619         ACAAAGGG GAGGAAACUCCCUUCAAGGACAUCGUCCGGG           7998         CCCCUUGU         G UGCCCAUA         AGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           7989         CCCCUUGU         G UGCCCUUG         12620         AGAGGAAACUCCCUUCAAGGACAUCGUCCGGG </td <td>┞</td> <td>1</td> <td>12609</td> <td>GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG</td> <td>34894</td>	┞	1	12609	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34894
8086         CUCRIGARAG G UCUGUAGA         12611         UCURACAGA GGAGAAACUCCCUUCAAGGACAUCGUCCGGG           8082         GAAGGUCU G UAGAACAC         12612         GUGUUCUA         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           8084         UCUUCAUG G UAGAACAC         12613         CAUUGUCA         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           8029         AUBACUUU G UUCCAUCC         12614         GGAUGGAA         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           8029         AUBACUUU G CACUMGUU         12615         AACUAGUG         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           8017         UAGGUCCU         12616         AGCCCCAA         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           8017         UAGUUGG         CACUUCAU         12617         AUGAAGAG         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           8017         UAGGGAC         CCCUUUGU         12617         AUGAAGAG         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           8008         CUCUUCAU         UCCGGGAC         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           7998         CCCGUUUGU         UCCGGGAC         12619         ACAAAGGG         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           7998         CCCCUUUGU         UGCCCCUU         12620         AGGGUACA         GGAGGAAACUCCCCUUCAAGGACAUCGUCGGG           7980         CCCCUUUGU	⊬	G	12610	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34895
8082         GRAGGUCO G UNGARCAC         12612         GUGUUCUA GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           8054         UCUUCAUG G UGACAAUG         12613         CAUUGUCA         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           8029         AUAACUUU G CACUAGUU         12615         AACUAGUG         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           8029         AUAACUUU G CACUAGUU         12616         AACUAGGG         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           8017         UAGUUGG         CUCUUCAU         12616         AGCCCCAA         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           8017         UAGUUGG         CUCUUCAU         12617         AUGAAGGG         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           8008         CUCUUCAU         12618         ACAAAGGG         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           7998         CUCUUCAU         12619         ACAAAGGG         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           7999         CCCCUUUGU         UGUCCCGA         AGAGGAAACUCCCUUCAAGGACAUCGUCGGG           7991         CCCCUUUGU         12629         ACAAAGGG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           7998         CCCCUUUGU         UGCCCCUU         12620         AGAGGUACA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           7999         CCCCUUUGU         UGCCCCUU         12621         AGAGGAAACUCCCUUCAAGGACAU	┞		12611	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34896
8054         UCUUCAUG G UGACAAUG         12613         CAUUGUCA         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           8029         AUBACUUU G CACUAGUU         12614         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           8029         AUBACUUU G CACUAGUU         12615         AACUAGUG         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           8023         UUGCACUA         G UUGGAGA         12616         AGCCCCAA         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           8017         UAGUUGG         G CUCUUCAU         12617         AUGAAGGG         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           8008         CUCUUCAU         UCCGGGA         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           7998         CCCGGGACC         CCCUUUGU         12619         ACAAAGGG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           7991         CCCCUUUGU         UGUCCCGGA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           7992         CCCCUUUGU         UACCCCUU         12620         AGAGGGAAACUCCCUUCAAGGACAUCGUCCGGG           7993         CCCCUUUGU         UACCCCUU         12621         AGAGGGAAACUCCCUUCAAGGACAUCGUCCGGG           7994         CCCCUUUGU         UACCCCUU         12621         AGAGGGAAACUCCCUUCAAGGACAUCGUCCGGG           7955         UUUUGGGUU         UACCCCUU         12623         UAUGGGG		O	12612	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34897
8046         GUGACAAU G UUCCAUCC         12614         GGAUGGAA GGAGGAAACUCCUUCAAGGACAUCGUCGGG           8029         AUAACUUU G CACUAGUU         12615         AACUAGUG GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           8023         UUGCACUA G UUGGGGC         12616         AGCCCCAA GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           8017         UAGUUGGG G CUCUUCAU         12617         AUGAAGGG GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           8008         CUCUUCAU G UCCGGAC         12618         GUCCCGGA GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           7991         CCGCGUUGU         12619         ACAAAGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           7991         CCCCUUUGU         12620         AGGGUACA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           7991         CCCCUUUGU         UAGCCCUU         12620         AGGGUACA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           7991         CCCCUUUGU         UACCCCUU         12621         AGAGGGUAA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           7993         CCCCUUUGU         UACCCCUU         12621         AGAGGGUAA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           7994         CCCUUUGU         UACCCCUU         12621         UAUGGCAA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           7947         GCCUUUGU         UACCCCUU         12623         CUAUAUCG         GGAGGAAACUCCCUUCAA	-	Ö	12613	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34898
8029         AUBACUUU G CACURGUU         12615         AACUAGUG GGAGGAAACUCCCUUCAAGGACAUCGUCGGGG           8023         UUGCACUA G UUGGGGCU         12616         AGCCCCAA GGAGGAAACUCCCUUCAAGGACACUCGUCGGG           8017         UAGUUGGG G CUCUUCAU         12617         AUGAAGGG GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           8008         CUCUUCAU G UCCGGAC         12618         GUCCCGGA         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           7991         CGCCUUUGU         12629         AGAGGUACA         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           7989         CCCCUUUGU         12620         AGGGUACA         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           7981         CGCCCUUUG         12621         AGAGGGUACA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           7989         CCCCUUUGU         12621         AGAGGGUACA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           7989         CCCCUUUGU         12621         AGAGGGUACA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           7980         UUUUUUGG         UUGCCAUA         12622         UAUGGGUA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           7981         UUUUUUGG         UUGCCAUA         12623         UAUGGGAA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           7982         UUUUUUGG         UAGCCCUU         12623         UAUGGGUA         GGAGGAAACUCCCUUCAAGGAC	ļ	ט	12614	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34899
8023         UUGCACUA G UUGGGGCU         12616         AGCCCCAA GGAGGAAACUCCUUCAAGGACAUCGUCGGG           8017         UAGUUGGG G CUCUUCAU         12617         AUGAAGAG GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           8008         CUCUUCAU G UCCGGAC         12618         GUCCCGGA GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           7991         CCGGGACC G CCCUUUGU         12620         AGAGGUACA GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           7992         CCCCUUUGU         12621         AGAGGGUACA GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           7989         CCCCUUUGU         12621         AGAGGGUACA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           7989         CCCCUUUGU         12621         AGAGGGUACA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           7989         UUUUUUGG G UUGCCAUA         12622         UAUGGCAA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           7989         UUUUUUGG G UUGCCAUA         12623         UAUGGCAA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           7947         GCCAUNUA         GACCUUCC         12623         UAUGGCAA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           7947         GCCAUNUA         GACCUUCC         12624         UGGUGUUA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           7947         GCCAUUUC         12624         UGGUGUUA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           7947         CCCUUUC	-	D D	12615	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34900
8017         UAGUUGGG G CUCUUCAU         12617         AUGAAGAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           8008         CUCUUCAU G UCCGGGAC         12618         GUCCCGGA GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           7998         CCGGGACC G CCCUUUGU         12619         ACAAAGGG GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           7991         CGCCCUUU G UGUACCCU         12620         AGGGUACA GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           7989         CCCUUUGU G UACCCUCU         12621         AGAGGGUA         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           7989         CCCUUUGU G UACCCUCU         12622         UAUGGGUA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           7958         UUUUGGGU G CCAUAUAG         12622         UAUGGCAA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           7956         UUUUGGGU G CCAUAUAG         12622         UAUGGCAA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           7957         UUUUGGGUU G CCAUAUAG         12623         UAUGGCAA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           7957         GCCAUNUA         UACCAACC         12624         UGGUGUU         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           7957         CCCUUUGU         UACCAACC         12624         UGGUGUU         GGAGGAAACUCCUUCAAGGACAUCGUCCGGG           7957         CAUCAACC         12624         UGGUGUU         GGAGGAAACUCCUUCAAGGACAUC	┝	D.	12616	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34901
8008         CUCUUCAU G UCCGGGAC         12618         GUCCCGGA GGAGGAAACUCCUUCAAGGACAUCGUCGGG           7998         CCGGGACC G CCCUUGU         12619         ACAAAGGG GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           7991         CGCCCUUUGU G UGUACCCU         12620         AGGGUACA GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           7989         CCCUUUGU G UACCCUCU         12621         AGAGGGUA         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           7989         CCCUUUGU G UACCCUCU         12622         UAUGGGAA         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           7958         UUUUGGGUU G CCAUAUAG         12623         UAUGGCAA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           7947         GCCAUNUA         G UACCUUCC         12623         CANUAUGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           7955         CCCUUUGU         G CCCUUUCC         12624         UGGUGUUA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           7957         GCCAUNUA         G UACCUUCC         12624         UGGUGUUA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           7957         CACCAACC         12624         UGGUGUUA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           7957         CACCAACC         12624         UGGUGUUA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           7957         CAUCAACC         GCCCUUUCAAGGACAUCGUCCGGG         GGAGGAAACUCCCUUCAAGGACAUCGUCC		O	12617	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34902
7998         CCGGGACC G CCCUUUGU         12619         ACAAAGGG GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           7991         CGCCCUUU G UGUACCCU         12620         AGGGUACA         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           7989         CCCUUUGU G UACCCUCU         12621         AGAGGGAAACUCCCUUCAAGGACAUCGUCGGG           7958         UUUUUUGG G UUGCCAUA         12622         UAUUGGGAA         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           7955         UUUUGGGUU G CCAUAUAG         12623         CUAUAUGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           7947         GCCAUAUA         12624         UGGUGUUA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           7935         CACCAACC         12624         UGGUGUUA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           7937         CACCAACC         12624         UGGUGUUA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           7937         CACCAACC         12624         UGGUGUUA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           7917         CAUCCAACC         CCCUUUCC         12624         UGGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           7917         CAUCCAACC         GCCCUUCC         12624         UGGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           7917         CAUCCAACC         12624         UUCGGGAA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           7917         CAUCAACC </td <td> -</td> <td>ש</td> <td>12618</td> <td>GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG</td> <td>34903</td>	-	ש	12618	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34903
7991         CGCCCUUU G UGUACCCU         12620         AGGGUACA         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           7989         CCCUUUGU G UACCCUCU         12621         AGAGGGUA         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           7958         UUUUUGGGUU G UUGCCAUA         12622         UAUUGGCAA         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           7955         UUUUGGGUU G CCAUAUAG         12623         CUAUAUGG         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           7947         GCCAUAUA         G UAACACCA         12624         UGGUGUUA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           7935         CACCAACC         CCCUUUCC         12624         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           7917         CAUCAACC         CCCUUUCA         12624         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           7917         CAUCAACC         GCCCUUCAA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           7917         CAUCAACC         GCCCUUCAAGGACAUCGUCCGGGG           7917         CCCCAACC         GCCCUUCAAGGACAUCGUCCGGGG           7817         UUCCGACC         GCAAGAAACUCCCUUCAAGGACAUCGUCCGGGG           7817         UUCGAACC         GCACUUCAAGGACAUCGGGG		U	12619	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34904
7989         CCCUUUGU G UACCCUCU         12621         AGAGGGUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           7958         UUUUUUGG G UUGCCAUA         12622         UAUUGGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           7955         UUUUGGUU G CCAUAUAG         12623         CUAUAUGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           7947         GCCAUAUA G UAACACCA         12624         UGGUGUUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           7935         CACCAACC G CCUCUUCC         12624         GGAAGAAACUCCCUUCAAGGACAUCGUCCGGG           7917         CAUCAACC G CCUCUUCC         12625         GGAAGAAACUCCCUUCAAGGACAUCGUCCGGG           7917         CAUCAACC G UUCGAGAA         12626         GUGAUUGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           7897         UCCGAACC G UUCGAGAA         12627         UUCUCGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	-	ත	12620	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34905
7958 UUUUUUGG G UUGCCAUA 12622 UAUGGCAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 7955 UUUGGGUU G CCAUAUAG 12623 CUAUAUGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 7947 GCCAUAUA G UAACACCA 12624 UGGUGUUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 7955 CACCAACC G CCCUUCC 12625 GGAAGAGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 7917 CAUCCAACC G CCCUUCC 12625 GUGAUUGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 7917 CAUCCAACC G UUCGAGAA 12627 UUCUCGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	⊢	O	12621	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34906
7955 UUUGGGUU G CCAUAUAG 12623 CUAUAUGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 7947 GCCAUAUA G UAACACCA 12624 UGGUGUUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 7935 CACCAACC G CCUCUUCC 12625 GGAAGAGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 7917 CAUCCAAC G UCAAUCAC 12625 GUGAUUGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 7917 CAUCCAAC G UCAAUCAC 12625 GUGAUUGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	⊬	o	12622	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34907
7947 GCCAUNUA G UAACACCA 12624 UGGUGUUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 7935 CACCAACC G CCUCUUCC 12625 GGAAGAGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 7917 CAUCCAAG G UCAAUCAC 12626 GUGAUUGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 7897 UCCGACCG G UUCGAGAA 12627 UUCUCGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG		O	12623		34908
7935 CACCAACC G CCUCUUCC 12625 GGAAGAAG GGAGGAAACUCCCUUCAAGGACAUCGUCGGGG 7917 CAUCCAAG G UCAAUCAC 12626 GUGAUUGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCCAACG G UUCGAGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCCAACG G UUCGAGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG		D A	12624	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34909
7917 CAUCCAAG G UCAAUCAC 12626 GUGAUUGA GGAGGAAACUCCCUUCAAGGACAUCGUCGGGG 7897 UCCGACCG G UUCGAGAA 12627 UUCUCGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	┡	D.	12625	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34910
7897 UCCGACCG G UUCGAGAA 12627 UUCUCGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	┞	O	12626	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34911
		0	12627	1	34912

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3148	7882	AAACCUCC G UUCGACCA	12628	UGGUCGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGGUUU	34913
3157	7873	UUCGACCA G CCAUCUCA	12629	UGAGAUGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGGUCGAA	34914
3166	7864	CCAUCUCA G UUUUGCUG	12630	CAGCAAAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGAGAUGG	34915
3171	6584	ncyennna e cnenecco	12631	GGGCACAG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG AAAACUGA	34916
3174	7856	ennandean e nececeany	12632	UAGGGGCA GGAGGAACUCCCUUCAAGGACAUCGUCCGGG AGCAAAAC	34917
3176	7854	nongengo o eceenyay	12633	UCUAGGGG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG ACAGCAAA	34918
3193	7837	GACUGGAU G CCCUCCAG	12634	CUGGAGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUCCAGUC	34919
3201	7829	GCCCUCCA G UGACAUUG	12635	CAAUGUCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGGAGGGC	34920
3209	7821	GUGACAUU G CCUUCUUU	12636	AAAGAAGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAUGUCAC	34921
3222	7808	connecte e cenerana	12637	AAAACACG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAGGAAAG	34922
3224	7806	G.	12638	GCAAAACA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCCAGGAA	34923
3226	7804	ย	12639	CGGCAAAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACGCCAGG	34924
3231	1799	വൈവസ് േ ഗാര്യാ	12640	CUCAGCGG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG AAAACACG	34925
3234	2666	GUUUUGCC G CUGAGCGA	12641	UCGCUCAG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG GGCAAAAC	34926
3239	1624	GCCGCUGA G CGAUCGAC	12642	GUCGAUCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCAGCGGC	34927
3258	2777	CGAUGAUG G CCUCUUUG	12643	CAAAGAGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAUCAUCG	34928
3266	7764	GCCUCUUU G CGGUACCU	12644	AGGUACCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAAGAGGC	34929
3269	7761	UCUTUGCG G UACCUAGU	12645	ACUAGGUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGCAAAGA	34930
3276	7754	GGUACCUA G UGAACUCU	12646	AGAGUUCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UAGGUACC	34931
3291	7739	COUCOUND G UCAUCUGG	12647	CCAGAUGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAAAGAAG	34932
3299	7731	gucaucus s ungasucu	12648	AGACUCAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAGAUGAC	34933
3304	7726	CUGGUUGA G UCUUUCUU	12649	AAGAAAGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCAACCAG	34934
3330	7700	ບ	12650	AGGACGCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUUGGGAG	34935
3332	1698	ט	12651	AAAGGACG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACCUUGGG	34936
3334	9692	ပ	12652	CAAAAGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCACCUUG	34937
3342	7688	១	12653	AGGUGGGG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG AAAAGGAC	34938
3358	7672		12654	AACCAGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UAAAAAGA	34939
3364	2992	ღ	12655	UGGAAAAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAGGACUA	34940
3374	7656	O	12656		34941
3385	7645	ტ	12657	CAUGGACA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCAUAAAG	34942
3387	7643	O	12658	AACAUGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACUCAUAA	34943
3393	7637	ט	12659	AUCCAUAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUGGACAC	34944
3424	9092	Ö	12660	ACAUCAUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUGGGGGU	34945
3431	7599	CGCAUGAU G UGGCAGAG	12661	CUCUGCCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUCAUGCG	34946
3434	7596	O	12662	GGACUCUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CACAUCAU	34947
3439	7591	Ö	12663	CCAUCGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCUGCCAC	34948
3447	7583	ט	12664	AACAACUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAUCGGAC	34949
3450	7580	CGAUGGCA G UUGUUGCG	12665	CGCAACAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGCCAUCG	34950
3453	7577	ט	12666		34951
3456	7574	CAGUUGUU G CGUUCCAA	12667	UUGGAACG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AACAACUG	34952

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7560	CAAACAGA G CUUGCUCC	12669	GGAGCAAG GGAGG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UC	ucuguma	34954
7556	cacaccuu e cuccatuc	12670	GAAUGGAG GGAGG	GGAGGAACUCCCUUCAAGGACAUCGUCCGGG AA	AAGCUCUG	34955
7540	CUCCCAAA G CGUCACCG	12671	CGGUGACG GGAGG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UU	UUUGGGAG	34956
7538	O	12672	AGCGGUGA GGAGC	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GC	GCUUUGGG	34957
7532	GCGUCACC G CUGCGGCC	12673	GGCCGCAG GGAGC	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GG	GGUGACGC	34958
7529	UCACCGCU G CGGCCGUG	12674	CACGGCCG GGAGG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AG	AGCGGUGA	34959
7526	CCGCUGCG G CCGUGAUC	12675	GAUCACGG GGAGG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CG	CGCAGCGG	34960
7523	CUGCGGCC G UGAUCAAA	12676	UUUGAUCA GGAGG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GG	GGCCGCAG	34961
7508	AAAUUCCG G CUUCUCGU	12677	ACGAGAAG GGAGG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CG	CGGAAUUU	34962
7501	GGCUUCUC G UACUGUCU	12678	AGACAGUA GGAGG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GA	GAGAAGCC	34963
7496	CUCGUACU G UCUUCACA	12679	UGUGAAGA GGAGG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AG	AGUACGAG	34964
7482	ACAGACGG G UUCACUAC	12680	GUAGUGAA GGAGG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CC	ccencuen	34965
7469	CUACUACU G CAGCUAGA	12681	UCUAGCUG GGAGG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AG	AGUAGUAG	34966
7466	CUACUGCA G CUAGAGAC	12682	GUCUCUAG GGAGG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UG	UGCAGUAG	34967
7447	D d	12683	AGAUCAUG GGAGG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UG	UGAUCUUG	34968
7438	9	12684	AAGUUGGA GGAGG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AG	AGAUCAUG	34969
7423	១	12685	CCAUCAUG GGAGG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AG	AGAAGAAA	34970
7414	CAUGAUGG G UGUGGUGC	12686	GCACCACA GGAGG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CC	CCAUCAUG	34971
7412	ngAugggu g uggugcgc	12687	GCGCACCA GGAGG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AC	ACCCAUCA	34972
7409	ugggueng g ugcecucu	12688	AGAGCGCA GGAGC	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CA	CACACCCA	34973
7407	GEUGUGGU G CGCUCUAA	12689	UVAGAGCG GGAGC	GGAGGAACUCCCUUCAAGGACAUCGUCCGGG AC	ACCACACC	34974
7405	Ð	12690	AAUUAGAG GGAGG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GC	GCACCACA	34975
7389	Ö	12691	GCCACGGA GGAGG	GGAGGAACUCCCUUCAAGGACAUCGUCCGGG GU	GUCCCAGA	34976
7385	Ð	12692	CGUGGCCA GGAGG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GG	GGACGUCC	34977
7382	Ð	12693	CAUCGUGG GGAGG	GGAGGAACUCCCUUCAAGGACAUCGUCCGGG CA	CACGGACG	34978
7374	D	12694	GUGGAUGG GGAGG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AU	Auceuggc	34979
7361	U	12695	GAAGAACG GGAGC	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UG	UGUAGUGG	34980
7359	e G	12696	AUGAAGAA GGAGG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GC	GCUGUAGU	34981
7343	G	12697	GACAGCGG GGAGC	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CG	CGGAAUCA	34982
7340	0	12698	GCGGACAG GGAGC	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GG	GGCCGGAA	34983
7337	ටමටටමටට ව ගටවටටමට	12699	GCGGCGGA GGAGC	GGAGGAACUCCCUUCAAGGACAUCGUCCGGG AG	AGCGGCCG	34984
7333	වචාගාවටට ව ටටාඩගටවට	12700	CCCAGCGG GGAGC	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GG	GGACAGCG	34985
7330	nanccecc e cneeecne	12701	CAGCCCAG GGAGC	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GG	GGCGGACA	34986
7325	cececnee e cneveces	12702	GCGCUCAG GGAGC	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CC	CCAGCGGC	34987
7320	9 1	12703	GCAAUGCG GGAGC	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UC	UCAGCCCA	34988
7318	cecnerec e cranecen	12704	AGGCAAUG GGAGG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GC	GCUCAGCC	34989
7313	AGCGCAUU G CCUCAGCU	12705	AGCUGAGG GGAGC	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AA	AAUGCGCU	34990
7307	UUGCCUCA G CUUGCCAA	12706	UUGGCAAG GGAGG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UG	UGAGGCAA	34991
7303	CUCAGCUU G CCAACCGG	12707	いさなさむ さきにはきさしし	する かかかいしにかいはからからなからかなからかなかか	じんじょうじんん	34992

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3743	7287	GGAACCAU G UAGGCAUA	12708	UAUGCCUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUGGIIICC	34993
3747	7283	CCAUGUAG G CAUAGUGG	12709	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34994
3752	7278	A G	12710	UUUUGCCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UAUGCCUA	34995
3755	7275	GCAUAGUG G CAAAAAG	12711	CUUUTUUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CACUAUGC	34996
3766	7264	Ö	12712	CGGCAACA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCCUUUUU	34997
3768	7262	ט	12713	AGCGGCAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACUCCUUU	34998
3771	7259	D D	12714	AACAGCGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AACACUCC	34999
3774	7256	Ö	12715	GGUAACAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGCAACAC	35000
3777	7253	D G	12716	UACGGUAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGCGGCAA	35001
3783	7247	ტ	12717	CACCGUUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGUAACAG	35002
3789	7241	CCGUAACG G UGAGGGUG	12718	CACCCUCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGUUACGG	35003
3795	7235	ß	12719	ACAAGUCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCUCACCG	35004
3802	7228	ರ	12720	GCUGGGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAGUCACC	35005
3809	7221	UGUCCCCA G CAUCCGGC	12721	GCCGGAUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGGGGACA	35006
3816	7214	AGCAUCCG G CUGCUAGC	12722	GCUAGCAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGGAUGCU	35007
3819	7211	AUCCGGCU G CUAGCAGG	12723	CCUGCUAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGCCGGAU	35008
3823	7207	GGCUGCUA G CAGGAGAG	12724	CUCUCCUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UAGCAGCC	35009
3831	7199	GCAGGAGA G CCGACACU	12725	AGUGUCGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCUCCUGC	35010
3860	7170	Ð	12726		35011
3865	7165	G	12727	CACUCGCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAGGCUUC	35012
3867	7163	២	12728	CACACUCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCGAGGCU	35013
3871	7159	ซ	12729	UAUUCACA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCGCGCGA	35014
3873	7157	ט	12730	ACUAUUCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACUCGCGC	35015
3880	7150	ט	12731	CAAGUGCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UAUUCACA	35016
3882	7148	უ ნ	12732	GGCAAGUG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG ACUAUUCA	35017
3888	7142	២	12733	CGUUCAGG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG AAGUGCAC	35018
3896	7134	미	12734	UCAAUAAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUUCAGGC	35019
3906	7124	ט	12735		35020
3915	7115	Ö	12736	- 1	35021
3917	7113	ט	12737	UACAUCAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACCUCAUU	35022
3923	7107	Ö	12738		35023
3933	7097	Ö	12739		35024
3943	7087	Ö	12740	UGCUAAAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUUUGAUC	35025
3949	7081	Ö	12741	CUCCACUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UAAAGCAU	35026
3952	7078	9	12742	UCACUCCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGCUAAAG	35027
3957	7073	v	12743	GGUCCUCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCCACUGC	35028
3966	7064	Ö	12744		35029
3969	7061	Ö	12745	1 1	35030
3972	7058	힐	12746	CGCUGUGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AACAGCGG	35031
3978	7052	UUGUCACA G CGUACAGU	12747	ACUGUACG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGUGACAA	35032

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35034	35035	35036	35037	35038	35039	35040	35041	35042	35043	35044	35045	35046	35047	35048	35049	35050	35051	35052	35053	35054	35055	35056	35057	35058	35059	35060	35061	35062	35063	35064	35065	35066	35067	35068	35069	35070	35071	35072	
g GCUGUGAC				3 CGGCAACA	3 UUGAGGCC	3 AUGGGAGA	3 AAAGAAUU	3 AGUUUGUU	3 AUAAGCAG		3 UAGAUAAG	1	3 CAACGAGA	3 AGCCAACG			3 ccuuduga	3 ເອນອນນະຕ	3 UAGCCGUG		3 AACCAGCU	3 AGACAACC		1 1				a ococcoo					. 1	3 GACCUUUU		3 ecuencon	3 AUUGGAAA	3 GGAAGGGC	
GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	GGAGGAAACIICCCIIICAAGGACAIICGIICCGGG	GGAGGAAACIICCCIIICAAGGACAUCGUCCGGG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG																																				
CCACUGUA GGAGGAA				1	CUUUUGGA GGAGGAA	AAUUUCAG GGAGGAA	UGUUUGGG GGAGGAA	GACAUAAG GGAGGAA	AAGAGUGA GGAGGAA	AGAUAAGA GGAGGAA	UGGGUUGG GGAGGAA	GCAGCCAA GGAGGAA	AGUGGCAG GGAGGAA	CGCAGUGG GGAGGAA	UGUGAGCG GGAGGAA	CUUGUGAG GGAGGAA	UGUCAUGA GGAGGAA	ı	ACAACCAG GGAGGAA		CAGACAGA GGAGGAA	UUCGCAGA GGAGGAA	AACGUUCG GGAGGAA	AGAAGCAA GGAGGAA			UGAUUGUG GGAGGAA	UGUUGCUG GGAGGAA	GAAUGUUG GGAGGAA		l I	l i	AGUCGCGA GGAGGAA	GGGAGUCG GGAGGAA	GGGAGGCG GGAGGAA	UUGGGAGG GGAGGAA	CGGAAGGG GGAGGAA	UCAUGCAG GGAGGAA	
12748	12750	12751	12752	12753	12754	12755	12756	12757	12758	12759	12760	12761	12762	12763	12764	12765	12766	12767	12768	12769	12770	12771	12772	12773	12774	12775	12776	12777	12778	12779	12780	12781	12782	12783	12784	12785	12786	12787	
GUCACAGC G UACAGUGA	יי	2 0	ט	UGUUGCCG G CCUCAAGU	GGCCUCAA G UCCAAAAG	UCUCCCAU G CUGAAAUU	AAUUCUUU G CCCAAACA	AACAAACU G CUUAUGUC	CUGCUUAU G UCACUCUU	CACUCUUG G UCUUAUCU	CUUAUCUA G CCAACCCA	CCCAUCUC G UUGGCUGC	UCUCGUUG G CUGCCACU	CGUUGGCU G CCACUGCG	CUGCCACU G CGCUCACA	GCCACUGC G CUCACAAG	UCACAAGG G UCAUGACA	GGAACACG G CUAGCUGG	CACGGCUA G CUGGUUGU	GCUAGCUG G UUGUCUGU	AGCUGGUU G UCUGUCUG	GGUUGUCU G UCUGCGAA	GUCUGUCU G CGAACGUU	CUGCGAAC G UUGCUUCU	២	g	ø	AAGGGAGA G CAGCAACA	Ö	Ø	Ö	O	ט	AAAAGGUC G CGACUCCC	CCAAGACA G CGCCUCCC	AAGACAGC G CCUCCCAA	UNICCAAU G CCCUUCCG	GCCCUUCC G CUGCAUGA	
7050	7037	7034	7031	7027	7020	6669	0269	6957	6951	6941	6931	6918	6914	6911	6905	6903	6893	6989	6865	6861	6858	6854	6850	6844	6841	6832	6820	9629	6793	6782	6773	6758	6740	6737	6722	6720	9699	8899	
3980	3993	3996	3999	4003	4010	4031	4060	4073	4079	4089	4099	4112	4116	4119	4125	4127	4137	4161	4165	4169	4172	4176	4180	4186	4189	4198	4210	4234	4237	4248	4257	4272	4290	4293	4308	4310	4334	4342	

Table XII

4371     6659       4389     6641       4398     6632       4404     6626       4413     6617       4420     6610       4423     6607	CUCCCAUG G UCAUCACA UCAAUAAG G CAAUCAAG	12789	UGUGAUGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAUGGGAG	35074
┝╃╃	Ø	12790	プログレン!!プレ!!なし R プログ R R フェエ としてしている R R R P D R P D	1000
<del>╏╸┨╺┤╸</del> ╂┈			GGAGGAAACOCCCOOCAAGGACAOCGOCCGGG	32072
┦┤┤┼	CAAUCAAG G CAAUUGUC	12791	GACAAUUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUUGAUUG	35076
-	AGGCAAUU G UCUGAAGA	12792	UCUUCAGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAUUGCCU	35077
┝╌┼╌	UCUGAAGA G CAUCUGGC	12793	GCCAGAUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCUUCAGA	35078
⊢	AGCAUCUG G CAGUUCCU	12794	AGGAACUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAGAUGCU	35079
	AUCUGGCA G UUCCUCCA	12795	UGGAGGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGCCAGAU	35080
4434 6596	CCUCCAGG G CCAUUCUG	12796	CAGAAUGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCUGGAGG	35081
4442 6588	GCCAUUCU G UGAGCUCU	12797	AGAGCUCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGAAUGGC	35082
4446 6584	UNCUGUGA G CUCUUCCU	12798	AGGAAGAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCACAGAA	35083
4464 6566	CUUUCUCU G CAGUGGCC	12799	GGCCACUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGAGAAAG	35084
4467 6563	UCUCUGCA G UGGCCACA	12800	UGUGGCCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGCAGAGA	35085
4470 6560	CUGCAGUG G CCACAACG	12801	CGUUGUGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CACUGCAG	35086
4478 6552	GCCACAAC G UACAUGGU	12802	ACCAUGUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUUGUGGC	35087
4485 6545	CGUACAUG G UGUCAAGU	12803	ACTUGACA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAUGUACG	35088
4487 6543	UACAUGGU G UCAAGUGC	12804	GCACTUGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACCAUGUA	35089
4492 6538	GEUGUCAA G UGCUUCCC	12805	GGGAAGCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUGACACC	35090
4494 6536	UGUCAAGU G CUUCCCAU	12806	AUGGGAAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACUUGACA	35091
4503 6527	COUCCCAU G UCUUCCCC	12807	GGGGAAGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUGGGAAG	35092
4517 6513	CCCAUGAA G UGCUCAGG	12808	CCUGAGCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUCAUGGG	35093
4519 6511	CAUGAAGU G CUCAGGCA	12809	UGCCUGAG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG ACUUCAUG	35094
4525 6505	ပ	12810	GAAAGAUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUGAGCAC	35095
4549 6481	CUCAAUGA G CCCUAUCU	12811	AGAUAGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCAUUGAG	35096
4564 6466	CUGAGAAC G UUUUCCCG	12812	CGGGAAAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUUCUCAG	35097
4575 6455	UUCCCGAG G CGAAGUCC	12813	GGACUUCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUCGGGAA	35098
4580 6450	ט	12814	UUCAAGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUCGCCUC	35099
4590 6440	CCUUGAAC G CCUUUAGU	12815	ACUAAAGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUUCAAGG	35100
-	ပ	12816	ACCAGGCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UAAAGGCG	35101
4599 6431	CCUUDAGU G CCUGGUGA	12817	UCACCAGG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG ACUAAAGG	35102
4604 6426	AGUGCCUG G UGAUCCGA	12818	UCGGAUCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAGGCACU	35103
4613 6417	UGAUCCGA G UACACCCU	12819	AGGGUGUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCGGAUCA	35104
4623 6407	ACACCCUG G CGUCAAUC	12820	GAUUGACG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAGGGUGU	35105
4625 6405	ACCCUGGC G UCAAUCCA	12821	UGGAUUGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCCAGGGU	35106
4634 6396	UCAAUCCA G CGCGGCCU	12822	AGGCCGCG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG UGGAUUGA	35107
4636 6394	AAUCCAGC G CGGCCUCA	12823	UGAGGCCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCUGGAUU	35108
4639 6391	CCAGCGCG G CCUCAGAA	12824	UUCUGAGG GGAGGAACUCCCUUCAAGGACAUCGUCGGG CGCGCUGG	35109
4663 6367	UUCACCAA G CUUCGUGA	12825	UCACGAAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUGGUGAA	35110
4668 6362	CAAGCUUC G UGAUGACU	12826	AGUCAUCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAAGCUUG	35111
4685 6345	UCCACUUC G UUGUUGUC	12827	GACAACAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAAGUGGA	35112

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6326	1.	12830	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35115
6324	1.	12831		35116
6320	unguguun G uccuagga	12832	UCCUAGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAACACAA	35117
6303	CCAUCAAA G CACCACCU	12833		35118
6291	CACCUCCG G UCGUGGUA	12834	- 1	35119
6288	CUCCGGUC G UGGUAUGA	12835		35120
6285	CGGUCGUG G UAUGACAC	12836	GUGUCAUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CACGACCG	35121
6272	ACACUCCA G CCGCUGCA	12837		35122
6529	CUCCAGCC G CUGCAACC	12838		35123
6266	CAGCCGCU G CAACCUUG	12839	- 1	35124
6258	ŧ	12840		35125
6254	CCUUGUAA G CCAGCCAA	12841		35126
6250	GUAAGCCA G CCAAACUG	12842		35127
6241	CCAAACUG G CAGAUCUG	12843		35128
6233	GCAGAUCU G CAGUCCUC	12844	- 1	35129
6230	GAUCUGCA G UCCUCAAC	12845		35130
6220	CCUCAACA G UUCCAGAA	12846		35131
6210	Ø	12847		35132
6187	UCCUCUGA G CCGGUAUU	12848	- 1	35133
6183	CUGAGCCG G DAUUCCCC	12849	- 1	35134
6167	CAUCCAUG G UAUAUACC	12850	- 1	35135
6151	cuncucae e cucueeuu	12851	•	35136
6145		12852		35137
6141	UCUGGUUG G UAGAAUUG	12853	CAAUUCUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAACCAGA	35138
6131	AGAAUUGA G CGAUCAGU	12854		35139
6124	AGCGAUCA G UCCGUUUG	12855	ı	35140
6120	AUCAGUCC G UTUGGCAU	12856	. 1	35141
6115	UCCGUUUG G CAUGUUGA	12857	- 1	35142
6111	UUUGGCAU G UUGAUGUU	12858		35143
6105		12859	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35144
6102	UNGAUGUU G UCCAGCAU	12860	AUGCUGGA GGAGGAACUCCCUUCAAGGACAUCGUCCGGG AACAUCAA	35145
6097	GUUGUCCA G CAUGAUUC	12861	GAAUCAUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGGACAAC	35146
6088	CAUGAUUC G UGCCUCAG	12862		35147
6086	UGAUUCGU G CCUCAGUC	12863		35148
6080	GUGCCUCA G UCCAAUGG	12864		35149
6071	UCCAAUGG G CGAAGUUC	12865		35150
9909	UGGGCGAA G UUCGAGUC	12866		35151
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4973	6057	UUCGAGUC G UCUUCAUU	12868	AAUGAAGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GACUCGAA	35153
4983	6047	O	12869	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35154
4985	6045	UCAUUCGU G UGCCCCC	12870	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35155
4987	6043	0	12871	AUGGGGG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG ACACGAAU	35156
2000	0609	ccanaaca e nacucanc	12872	GAUGAGUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGUUAUGG	35157
5017	6013	D D	12873	AUCCGUCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAGUUGGU	35158
5038	5992	ACCGAUAC G UCCACGUC	12874	GACGUGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUAUCGGU	35159
5044	5986	ACGUCCAC G UCUCUGGG	12875	CCCAGAGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUGGACGU	35160
5052	5978	encacee e ceecacas	12876	UAGUGCCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCAGAGAC	35161
2022	2265	b	12877	AGCUAGUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGCCCAGA	35162
2061	6965	ט	12878	GACAGCAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UAGUGCCG	35163
5064	9965	CACUAGCU G CUGUCACU	12879	AGUGACAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGCUAGUG	35164
2067	£965	UAGCUGCU G UCACUGCA	12880	UGCAGUGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGCAGCUA	35165
5073	5957	Ö	12881	ACCAUCUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGUGACAG	35166
5080	5950	UGCAGAUG G UUCUCCCA	12882	UGGGAGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAUCUGCA	35167
5112	5918	ß	12883	CAUCAUAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGAAGGAG	35168
5121	5909	Ö	12884	GAAACCAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAUCAUAA	35169
5125	5905	ט	12885	GUGUGAAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAACCAUC	35170
5141	5889	cucuucca a cuaucaau	12886	AUUGACAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGGAAGAG	35171
5144	5886	UUCCGGCU G UCAAUCAC	12887	GUGATUGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGCCGGAA	35172
5156	5874	Ð	12888	AAGGCGAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGGGUGAU	35173
2160	5870	ט	12889	CUUCAAGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAGCAGGG	35174
5168	5862	ט	12890	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35175
5172	5858	ט	12891	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35176
5189	5841	٥	12892	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35177
5193	5837	ပ	12893		35178
5196	5834	ס	12894	- 1	35179
5207	5823	O	12895	- 1	35180
5219	5811	<b>v</b>	12896	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35181
5234	5796	ט	12897	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35182
5241	5789	Ö	12898	GUACGAGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGUACC	35183
5246	5784	ט	12899	AAGUCGUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAGACGGA	35184
5258	5772	ဗ	12900	CAAUUGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGAAAGUC	35185
5283	5747	G	12901	ACAACGUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGGAAAGA	35186
5287	5743	១	12902	GCCUACAA GGAGGAAACUCCCUUCAAGGACAUCGUCGGG GUGCUGGA	35187
5290	5740	co	12903	UNUGCCUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AACGUGCU	35188
5294	5736	CGUUGUAG G CAAAGGGC	12904	GCCCUTUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUACAACG	35189
5301	5729	O	12905	UGAGAUUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCUUUGCC	35190
5329	5701	- 1	12906	GOUUNGUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUAGUGUC	35191
5343	5687	ACCAAACC G UCUUCCCG	12907	CGGGAAGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGUUUGGU	35192

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5352	5678	UCUUCCCG G UGUAUUCU	12908	AGAAUACA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGGGAAGA	35193
5354	9295	UUCCCGGU G UAUUCUGU	12909	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35194
5361	6995	UGUAUUCU G UGAUCCAU	12910	AUGGAUCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGAAUACA	35195
5372	5658	AUCCAUUC G UAUCCAGA	12911	UCUGGAUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAAUGGAU	35196
5381	5649	UAUCCAGA G UUCCAAGC	12912	GCUUGGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCUGGAUA	35197
5388	5642	AGUUCCAA G CUCGAUCC	12913	GGAUCGAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUGGAACU	35198
5406	5624	GGAUCUCA G UCUGUAAG	12914	CUUACAGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGAGAUCC	3
5410	5620	CUCAGUCU G URAGUCGG	12915	CCGACUUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGACUGAG	35200
5414	5616	GUCUGUAA G UCGGAAAU	12916	AUTUCCGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUACAGAC	
5425	5605	GGAAAUUG G UGAAUUGG	12917	CCAAUUCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAAUUUCC	35202
5454	5576	GAUCUGAA G UGCCUGGU	12918	ACCAGGCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUCAGAUC	
5456	5574	UCUGAAGU G CCUGGUGG	12919	CCACCAGG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG ACUUCAGA	_
5461	5569	AGUGCCUG G UGGGGUGG	12920	CCACCCCA GGAGGAACUCCCUUCAAGGACAUCGUCCGGG CAGGCACU	$\dashv$
5466	5564	cadenced e aecadenc	12921	GACAGCCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCCACCAG	
5469	5561	enecene e cnencyne	12922	CAUGACAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CACCCCAC	35207
5472	5558	GGGUGGCU G UCAUGAAU	12923	AUUCAUGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGCCACCC	35208
5484	5546	UGAAUAUU G CCGCCGCC	12924	GGCGGCGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAUAUUCA	
5487	5543	AUAUUGCC G CCGCCUCC	12925	GGAGGCGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGCAAUAU	]
5490	5540	noccecc e concecon	12926	AGGGGAGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGCGGCAA	_
5500	5530	CUCCCCUA G CUCGACCU	12927	AGGUCGAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UAGGGGAG	
5511	5519	CGACCUUU G UGGAAAUG	12928	CAUTUCCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAAGGUCG	-
5519	5511	GUGGAAAU G UAACCUCU	12929	AGAGGUUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUUUCCAC	-
5529	2501		12930		$\dashv$
5233	5498	cucunecu e caanecua	12931	UAGCAUUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGCAAGAG	$\dashv$
5537	5493	GCUGCAAU G CUAGCUGG	12932	CCAGCUAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUUGCAGC	-
5541	5489	CAAUGCUA G CUGGGUCG	12933	CGACCCAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UAGCAUUG	Н
5546	5484	CUAGCUGG G UCGGUGAA	12934		
5550	5480	Ö	12935		-
5559	1441	ტ	12936		
5579	5451	ACGAACAG G UUGUAGUU	12937	AACUACAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUGUUCGU	35222
5582	5448	AACAGGUU G UAGUUCGG	12938	CCGAACUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AACCUGUU	$\dashv$
5585	5445	AGGUUGUA G UUCGGCAC	12939	GUGCCGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UACAACCU	
5590	5440	GUAGUUCG G CACCCUGU	12940		-
5597	5433	ව	12941		$\dashv$
5611	5419	Ð	12942		+
5615	5415	AUCAGCCU G UGGGUGAG	12943	CUCACCCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGGCUGAU	$\dashv$
5619	5411	G	12944	UACCCUCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCACAGGC	
5625	5405	egguange e ungchugh	12945		$\dashv$
5628	5402	ອ	12946	GUGUCAUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UACCCUCA	35231
2995	5365	UCCAUDAU G UUCUCUGG	12947	CCAGAGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUAAUGGA	35232

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5674	5356	uncticues s cacusces	12948	CCGCAGUG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG CCAGAGAA	35233
5679	5351	UGGGCACU G CGGAUGUC	12949	GACAUCCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGUGCCCA	35234
5685	5345	CUGCGGAU G UCUGGUAC	12950		35235
2690	5340	GAUGUCUG G UACCGGAU	12951	- 1	35236
5701	5329	CCGGAUGG G CAGUCCUC	12952		35237
5704	5326	GAUGGGCA G UCCUCUCA	12953	UGAGAGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGCCCAUC	35238
5713	5317	UCCUCUCA G UGCUUCAG	12954	CUGAAGCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGAGAGGA	35239
5715	5315	CUCUCAGU G CUUCAGCC	12955		35240
5721	5309	GUGCUUCA G CCAUCUCA	12956	UGAGAUGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGAAGCAC	35241
5730	5300	CCAUCUCA G CAGCCACA	12957	UGUGGCUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGAGAUGG	35242
5733	5297	UCUCAGCA G CCACAACC	12958	GEUUGUGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGCUGAGA	35243
5745	5285	CAACCCUG G UUGGUGCU	12959	AGCACCAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAGGGUUG	35244
5749	5281	CCUGGUUG G UGCUAGCA	12960	UGCUAGCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAACCAGG	35245
5751	5279	UGGUUGGU G CUAGCACG	12961	CGUGCUAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACCAACCA	35246
5755	5275	UGGUGCUA G CACGGCUG	12962	CAGCCGUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UAGCACCA	35247
5760	5270	CUAGCACG G CUGUUCUC	12963	1	35248
5763	5267	GCACGGCU G UUCUCAGU	12964	- 1	35249
5770	5260	UGUUCUCA G UCUUCUGU	12965	ACAGAAGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGAGAACA	35250
5777	5253	AGUCUUCU G UUUAUGGC	12966	GCCAUAAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGAAGACU	35251
5784	5246	UGUUUAUG G CCUCUUUG	12967	CAAAGAGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAUAAACA	35252
5800	5230	GAUGAUCU G UGGCAGAA	12968	UUCUGCCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGAUCAUC	35253
5803	5227	GAUCUGUG G CAGAAUCC	12969		35254
5817	5213	UCCUCCUU G UUUACCG	12970	CGGUAAAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAGGAGGA	35255
5826	5204	UUUUACCG G CGCCGGGA	12971	UCCCGGCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGGUAAAA	35256
5828	5202	UNACCGGC G CCGGGAUG	12972	CAUCCCGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCCGGUAA	35257
5845	5185	GAGAUCCA G UACAGUGA	12973	UCACUGUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGGAUCUC	35258
5850	5180	CCAGUACA G UGAUCUGU	12974	ACAGAUCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGUACUGG	35259
5857	5173	AGUGAUCU G UUUUUUCC	12975	GGAAAAAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGAUCACU	35260
5869	5161	UUUCCUCA G CAUCUCAG	12976	•	35261
5878	5152	CAUCUCAG G UUCGAAUC	12977	GAUUCGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUGAGAUG	35262
5889	5141	CGAAUCCG G CUGGGAUU	12978		35263
5899	5131	UGGGAUUG G CUCAUCCA	12979	UGGAUGAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAAUCCCA	35264
5920	5110	UNCACCCU G CACUAUCG	12980	- 1	35265
5928	5102	GCACUAUC G CGCUUAUG	12981	CAUAAGCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAUAGUGC	35266
5930	2100	ACUAUCGC G CUUAUGUA	12982	- 1	35267
5936	5094	GCGCUUAU G UAUGAGCC	12983		35268
5942	5088	AUGUAUGA G CCGUUGGG	12984		35269
5945	5085	UAUGAGCC G UUGGGCAU	12985	AUGCCCAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGCUCAUA	35270
5950	5080	GCCGUUGG G CAUUAUGA	12986	UCAUAAUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCAACGGC	35271
2966	5064	ACUCCAUU G CCAUAAAG	12987	CUUDAUGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAUGGAGU	35272

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5990         5040         ACAUCACC           5996         5034         CCGUUUUU           6007         5023         CACUANUG           6018         5012         AGCCUGAU           6018         5012         AGCCUGAU           6024         5006         AUGUUCAG           6032         4998         GUGGGGAA           6045         4985         AGCCUGAU           6064         4966         CUCCUCAG           6082         4985         AGGUUUC           6084         4966         CUCCCCAAA           6087         4985         ACGUUUC           6087         4943         CUCCUCAG           6088         4948         CACCCCUG           6104         4926         UUCUUCAG           6108         4943         CUUGCCC           6109         4940         CUUGCCC           6110         4920         ACGUUCU           6113         4887         AUCCUCCA           6149         ARB         CUUGCCC           6150         4870         CUUGUCC           6160         4867         CUUGUCC           618         4840         GUGCCCCA <t< th=""><th>ACC G UNUUGUC  JUU G UCCACUAU  JUG G UGAGCUG  JAU G UCCAGUG  JAA G UCCAAAGU  JAA G UCCAAAGU  JAA G UCCAAAGU  JAG G UGUUUGA  G G CCCGAUU  JAG G UGUUUGA  G UUUGAAC  JAG G UGUUUGA  G UUUCACCC  JUG G UUUCACCC  JUG G UUCCACCA  JUG G CCCGGUUC  JAG G UUCCACCA  JAC G UUCCACCA   JAC G UUCCACCAC  JAC G UUCCAC  JAC G UUCCACCAC  JAC G UUCCACCAC  JAC G UUCCACCAC  JAC G UUCCAC  JAC G UUCCACCAC  JAC G UUCCACAC  JAC G UUCCACCAC  JAC G UUCCACCAC  JAC G UUCCACCAC   JAC G UUCCACAC  JAC G UUCCACCAC  JAC G UUCCACAC   JAC G UUCCACCAC   JAC G UUCCACCAC   JAC G UUCCACCAC   JAC G UUCCACCAC   JAC G UUCCACAC   JAC G UUCCACAC   JAC G UUCCACAC   JAC G UUCCACCAC</th><th>12989 12990 12991 12993 12994 12999 12999 13001 13002 13004 13004 13006</th><th>GACAAAAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGUGAUGU AUAGUGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAAAACGG CAGGCUCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAAAACGG ACAUCAGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCACCAAU CACTUGGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCACCAAU ACTUUGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCGCAAU ACTUUGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGGAACAU ACTUUGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGGAACAU AAUCGGGG GGAGGAAACUCCUUCAAGGACAUCGUCCGGG UGGAACAU AAUCGGGG GGAGGAAACUCCUUCAAGGACAUCGUCCGGG CUGAAGGA GAGGGAAACUCCUUCAAGGACAUCGUCCGGG CUGAAGGA GGAGGAAACUCCUUCAAGGACAUCGUCCGGG CUGAAGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAAACCAG GGACGAAACACCCUUCAAGGACAUCGUCCGGG GAAACCAG GGACGAAACACCCUUCAAGGACAUCGUCCGGG GUUAAGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUUAAGAA GGAGGAAAACUCCCUUCAAGGACAUCGUCCGGG GUUAAGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUUAAGAA GGAGGAAAACUCCCUUCAAGGACAUCGUCCGGG AAGAACGA GAACCAGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAGAACGA GAACGAGAAACUCCCUUCAAGGACAUCGUCCGGG AAGAACGA GAACGGAAAACUCCCUUCAAGGACAUCGUCCGGG AAGAACGAG AUGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAGAACGAG AUGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAGAACGAG AUGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAGAACGAG AUGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAGAACGAG AUGAGGAAACGGCCUUCAAGGACAUCGUCCGGG AAGAACGAG AUGAGGAAACGGCCUUCAAGGACAUCGUCCGGG AAGAACGAGGAAACGGG GGAGGAAACCUCCUUCAAGGACAUCGUCCGGG AAGAACGAGAAGAACGACCUCGGG AAGAACGAGAAACGACCUCGAGGAACGAGAACCGGG AAGAGAAACGACCCUUCAAGGACAACAACGAACGAGAACCGGG AAGAGAAAACGACCUUCAAAGGACAACGACCGGG AAGAACGAGAAACGACCAAGAAACACGACCAACGAAACAGAAACAAGAAACAAC</th><th>35274 35275 35276 35277 35279 35280 35281 35283 35284 35284 35286 35286</th></t<>	ACC G UNUUGUC  JUU G UCCACUAU  JUG G UGAGCUG  JAU G UCCAGUG  JAA G UCCAAAGU  JAA G UCCAAAGU  JAA G UCCAAAGU  JAG G UGUUUGA  G G CCCGAUU  JAG G UGUUUGA  G UUUGAAC  JAG G UGUUUGA  G UUUCACCC  JUG G UUUCACCC  JUG G UUCCACCA  JUG G CCCGGUUC  JAG G UUCCACCA  JAC G UUCCACCA   JAC G UUCCACCAC  JAC G UUCCAC  JAC G UUCCACCAC  JAC G UUCCACCAC  JAC G UUCCACCAC  JAC G UUCCAC  JAC G UUCCACCAC  JAC G UUCCACAC  JAC G UUCCACCAC  JAC G UUCCACCAC  JAC G UUCCACCAC   JAC G UUCCACAC  JAC G UUCCACCAC  JAC G UUCCACAC   JAC G UUCCACCAC   JAC G UUCCACCAC   JAC G UUCCACCAC   JAC G UUCCACCAC   JAC G UUCCACAC   JAC G UUCCACAC   JAC G UUCCACAC   JAC G UUCCACCAC	12989 12990 12991 12993 12994 12999 12999 13001 13002 13004 13004 13006	GACAAAAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGUGAUGU AUAGUGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAAAACGG CAGGCUCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAAAACGG ACAUCAGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCACCAAU CACTUGGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCACCAAU ACTUUGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCGCAAU ACTUUGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGGAACAU ACTUUGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGGAACAU AAUCGGGG GGAGGAAACUCCUUCAAGGACAUCGUCCGGG UGGAACAU AAUCGGGG GGAGGAAACUCCUUCAAGGACAUCGUCCGGG CUGAAGGA GAGGGAAACUCCUUCAAGGACAUCGUCCGGG CUGAAGGA GGAGGAAACUCCUUCAAGGACAUCGUCCGGG CUGAAGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAAACCAG GGACGAAACACCCUUCAAGGACAUCGUCCGGG GAAACCAG GGACGAAACACCCUUCAAGGACAUCGUCCGGG GUUAAGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUUAAGAA GGAGGAAAACUCCCUUCAAGGACAUCGUCCGGG GUUAAGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUUAAGAA 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4840 4821 4815 4809 4800	JCC G UAACAAAG	13013	CUUUGUUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGGACC	35298
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4803	ca e uaugeguc	13016	GACCCAUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGGGGCAG	35301
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4800	TAG G CGCCCUC	13018	GAGGGCCG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG CUGGACCC	35303
	დ	13019	GGAGAGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGCCUGGA	35304
6239 4791 CCCUCUCC	JCC G CUCAUCAA	13020	UUGAUGAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGAGGG	35305
4781	D	13021	AGGAGCCG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG UUUGAUGA	35306
4778	9	13022		35307
6261 4769 CUCCUUUU	JUU G UUGUAUGC	13023	GCAUACAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAAAGGAG	35308
6264 4766 CUUUGUU	SUU G UAUGCCAA	13024	UUGGCAUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AACAAAAG	35309
4762	JAU G CCAAAGGG	13025	- 1	35310
4754	AGG G UGUGGAAA	13026		35311
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4702 ACUGCCAA G CAGCCCAC 13032 4699 GCCGAGCA G CCCACGAG 13033 4691 GCCCACGA G UCAUGAUC 13034 4674 CUGUNGAAC G CCGGUGGU 13035 4667 CGCCGGUGGU G UGGUCGUC 13039 4667 CGCCGGUGGU G UGGUCGUC 13039 6667 CGCCGGUGGU G UGGUCCCC 13039 6667 CGCCGGUGGU G UGGUCCCC 13039 6667 CGCCGGUGGU G UGGUCCCC 13039 6667 CGCCUGUUU G UGCCCCCUU 13041 4659 6650 CCCCUUUU G UGUCCCACAA 13044 4604 CCCCUUUU G UGUCCCACAA 13046 4659 CCCCUUUU G UGUCCCACAA 13046 4659 CCCCUUUU G UGUCCCACAA 13046 4604 CCCCUUUU G UGUACCCAC 13049 4659 67046040 G UGUCCCACAA 13049 6759 CCCCAAGAAU G CCCCAGGGG 13050 4559 GCAAGAAUU G CCCAGGGG 13050 4559 GCAAGAAUU G CCCAGGGG 13050 4559 CCCCAGGGG UGUACCACA 13051 4559 CCCCAGGGG UGUACCACA 13052 4550 CCCAAGGGG UGUACCACA 13050 4450 CCCCAGGGG UGUACCACA 13050 4450 CCCCAAGGG UGCCCCCACAA 13060 4450 CCCCAAGGG UGCCCCCACAA 13060 4450 AUCAUCAA G CCCCACACA 13060 AUCACACA G CCCCACACA G CCCCACACA 13060 AUCACACA G CCCCACACA G CCCACACA G CCCACACA G CCCACACA G CCCACAC	╀	D	13031	CUGCUCGG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG AGUUAUCA	35316
4699 GCCGAGGA G CCCACGAG 13033  4691 GCCCACGA G UCAUGAUC 13034  4691 GCCCACGA G UCAUGAUC 13034  4674 CUGUAGAC G CGGGUGGU 13036  4670 AGACGCCG G UGGUCGUC 13038  4667 CGCCGGUG G UGGUCGUC 13039  4667 CGCCGGUG G UGGUCGCC 13039  4667 CGCCGGUG G UGGUCCCC 13039  4668 GUGGUCGUC G UGGUCCCC 13043  4650 CCCCUUUUU G UCCCCCUU 13042  4650 CCCCUUUUU G UGCCCCUU 13043  4650 CCCCUUUUU G UGUCCCCC 13093  4651 GUGGUCGG G UGUCCCAAA 13046  4652 GACGAACAC G CCCCCCCUU 13045  4654 GAGGGAGU G UCCCACAAA 13046  4655 CCCCUUUUU G UGUAUUGGA 13046  4567 CACAACAC G CCCCCACAAA 13046  4659 GACGAGAU G UCCCACAAA 13050  4550 CCCCAGGGG G UGUACCCAA 13053  4550 CCCCAGGGG G UGUACCCAA 13053  4550 CCCCAGGGG G UGUACCCAA 13055  4550 CCCCAGGGG G UGUACCCAAAAA 13056  4550 CCCCAGGGG G UGUACCCAAAAAAAAAAAAAAAAAAAA	┡	O	13032	gugggcug ggaggaaacucccuucaaggacaucguccggg ucggcagu	35317
4691 GCCCACGA G UCAUGAUC 13034 4680 AUGAUCCU G UAGACGCC 13035 4674 CUGUNGAC G CCGGUGGU 13036 4667 CGCCGGUG G UGGUCGUC 13038 4667 CGCCGGUG G UGGUCGUC 13039 4667 CGCCGGUG G UGGUCCCC 13039 4668 GUGGUCGUC 13040 4669 CCCCUUUUU G UACUCCCUU 13041 4639 CUCCUUUUU G UACUCCCUU 13042 4650 CCCCUUUUU G UACUCCCUU 13043 4617 CACAACAC G CCCCCCUU 13043 4604 CUCCUUUUU G UACUCCCCU 13043 4617 CACAACAC G CCCCCCCUU 13046 4550 GCAAGAGU G UCCCACAA 13046 4560 CUCCUUUUU G UAUCCCACA 13050 4560 CUCCUUUUU G UAUCCCACA 13050 4560 CCCCAGGGG G CACAGACAU 13050 4560 CCCCAGGGG G CACACACA 13050 4560 CCCCAGGGG G UGUACCACA 13055 4560 CCCCAGGGG G UGUACCACA 13055 4570 AUUCCAAG G UCCUCCACA 13050 4470 AGCUCCAAG G CCCCCACAU 13050 4450 UCCAAGGU G CACCACACA 13061 4450 AUCAUCAAG G CCCCACACA 13061 4450 AUCAUCAAG G CCCCACACA 13062 4450 AUCAACAC G CCCCACACA 13065 4450 CCCCCCCCCC G CACAACACA 13065 4410 CCCCCCCCC G CACAACACA 13065 4410 CCCCCCCCCC G CACAACACA 13065	╀	စ	13033		35318
4680 AUGANCCU G UAGACGCC 13035 4674 CUGUAGAC G CCGGUGGU 13036 4667 CGCCGGUG G UGGUCGUC 13038 4667 CGCCGGUG G UGGUCGUC 13039 4667 CGCCGGUG G UGGUCCCC 13039 4662 GUGGUCGUC 13040 4650 CCCCUUUUU G UACUCCCUU 13041 4631 GUGAGGAG G UGCCCCUU 13042 4651 CCCCUUUUU G UACUCCCUU 13043 4604 CUCCUUUUG G UGUAUUGGAG 13046 4604 CUCCUUUUG G UGUAUUGGAG 13048 4607 CACAACAC G CCCCACAA 13048 4607 CACAACAAC G CCCCACAA 13048 4607 CACAACAAC G CCCCACAA 13048 4607 CACAACAAC G CCCCACAA 13048 4559 AUUGGAGG G UAUCCACA 13050 4567 UACUCAAG G UACCCACAA 13056 4586 CACAAAAU G CCCAGGGG 13055 4586 CUCCAAGG G UACCCACA 13055 4596 CUCCAAGG G UACCCACA 13056 4496 CUCCAAGG G CACAACAC 13056 4496 CUCCAAGG G CACAACAA 13061 4470 AGCUCAAG G CCCCACAU 13063 4450 AUCAACAG G CCCCACAU 13063 4450 AUCAACAG G CCCCACAU 13066 4451 ACCCUUUC G CACAACAA 13061 4452 UCCAAGGC G CACAACAA 13065 4453 AUCAUCAG G CACAACAA 13065 4450 CACCAAGC G CACAACAA 13065 4450 CACCAAGC G CACAACAA 13065 4450 CACCAAGC G CACAACAA 13065 4450 ACCCUUUC G CACCACAU 13065 4450 CACCAACACA G CCCCACAAU 13065 4450 CACCAACACA G CCCCACAAU 13065	╀	O	13034	GAUCAUGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCGUGGGC	35319
4674 CUGUNGAC G CCGGUGGU 13036 4670 AGACGCCG G UGGUCGUG 13039 4667 CGCCGGUG G UGGUCGUC 13039 4664 CGGUGGUC G UGUCCCCC 13039 4665 GUGGUCGUC 13040 4665 GUCGUUUU G UCCCCCUU 13041 4639 CUCCUUUU G UCCCCCUU 13042 4661 GUGGGUCGU G UGUCCCAA 13044 4617 CACAACAA G UGUCCCAA 13046 4604 CUCUCUUU G UGUAUUGGAG 13046 4604 CUCUCUUUU G UGUAUUGGAG 13046 4604 CUCUCUUUU G UGUAUUGGAG 13046 4607 CUCUCUUUU G UGUAUUGGAG 13046 4607 CUCUCUUU G UGUAUUGGAG 13046 4607 CUCUCUUU G UGUAUUGAGA 13046 4507 AUUCGAGG G UGUACCAA 13051 4540 GCGUGUAC G CACAAAUC 13056 4496 CUUCCAAGG G UGUACCAUA 13056 4496 UCCAAGGU G CACCACAU 13059 4477 AUUCAUGA G CUCGAGAGU 13056 4450 AUCAAUGA G CUCCAGAAU 13060 4450 AUCAUCAAG G CACAUCAA 13061 4410 ACUCUUUC G CUCGAGCC 13065 4410 ACUCUUUC G CUCGAGCC 13065 4410 CUCCAAGGU G CACAUCAAU 13066 4410 CUCCAAGGU G CACAUCAAU 13066 4410 CUCCAAGGU G CACAUCAAU 13065 4410 CUCCAAGGU G CACAUCAAU 13066 4410 CUCCAAGGU G CACAUCAAU 13065	╄	O	13035	GGCGUCUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGGAUCAU	35320
4670 AGACGCCG G UGGUCGUG 13037 4667 CGCCGGUG G UCGUGUCC 13038 4664 CGGUGGUC G UGUCCCCC 13039 4662 GUGGUCGUC G UGUCCCCC 13040 4663 GUCGUCUUU G UCCCCCUU 13041 4639 CUCCUUUU G UCCCCCUU 13043 4663 GUGGGUCGU G UGUCCCAC 13044 4617 CACAACAC G CCUCCUCU 13046 4604 CUCUCUUU G UGUAUUGGAG 13046 4604 CUCUCUUU G UGUAUUGGAG 13046 4607 CACAACAC G CCCCACAA 13048 4604 CUCCUUUU G UGUAUUGGAG 13049 4559 AUUGGAGA G UGUACCAA 13048 4550 GCAAAAUU G CCAAGAGU 13050 4567 UACUCAAG G UGUACCACA 13055 4567 UACUCAAG G UGUACCACA 13056 4496 CUCCAAGG G GAGACAG 13056 4496 CUCCAAGG G CACAACAC 13059 4477 AUUCAUGA G CUCGAACA 13061 4477 AUUCAUGA G CUCGAACA 13061 4450 ACUCUUUC G CUCGAACA 13061 4450 ACUCUUUC G CUCGAACA 13061 4450 AUCAUCAG G CACAUCAA 13066 4450 AUCAUCAG G CACAUCAA 13066 4450 AUCAACAC G CACAUCAA 13066 4451 AUCAUCAG G CACAUCAA 13066 4452 UCCAAGGC G CACAUCAA 13065 4418 UCGCUCGA G CACAUCAA 13065 4418 UCGCUCGA G CACAUCAAU 13065	╀	0	13036	ACCACCGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUCUACAG	35321
4667 CGCCGGUG G UCGUGUCC 13038 4664 CGGUGGUC G UGUCCCCC 13039 4650 CCCCUUUUU G UGUCCCCU 13041 4650 CCCCUUUUU G UGUCCCCU 13042 4651 GUGGUCGU 13044 4652 GAGGGAGU G UCCCACAA 13044 4617 CACAACAC G CCUCCUCU 13045 4604 CUCUCUUUU G UGUCCCACA 13046 4605 CUCUUUUU G UGUCCCACA 13046 4607 CACAACAC G CCUCCUCU 13046 4550 AUUGGAGU G UACCCACAA 13048 4550 CCCAGGGG G UGUACCAA 13050 4550 CCCAGGGG G UGUACGCA 13050 4560 CCCAGGGG G UGUACGCA 13050 4570 ACUCUAAC G CACAAAUC 13050 4470 ACUCAAGGU G CACCACAU 13050 4450 UCCAAGGU G CUCCACAU 13050 4450 AUCAUCAA G CCCCACAU 13050 4450 AUCAUCAA G CCCCACAU 13050 4450 AUCAUCAA G CCCCACAU 13060 4450 AUCAUCAA G CCCCACAUA 13060 4450 AUCAUCAA G CCCCACAUA 13060 4450 AUCAUCAA G CCCCCACAU 13060 4450 AUCAUCAA G CCCCCCCAU 13060	╀	ט	13037	CACGACCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGGCGUCU	35322
4664 CGGUGGUC G UGUCCCCC 13039 4662 GUGGUCGUC G UGUCCCCUU 13040 4650 CCCCUUUUU G UACUCCUU 13041 4631 GUGAGGGA G UGUCCCAA 13044 4617 CACAACAC G CCCCACAA 13046 4604 CUCUCUUUG G UGUCCCAA 13046 4605 CUCUUUGU G UGUCCCAA 13046 4606 CUCUUUGU G UGUCCCAA 13046 4559 AUUGGAGA G UGUCCCAA 13048 4550 CUCUUUGU G UAUUGGAG 13040 4550 CCCAGGGG G UGUACCAA 13050 4550 CCCAGGGG G UGUACCAA 13050 4550 CCCAGGGG G UGUACCAA 13050 4548 CACUAAUC G CACUAAUC 13055 4548 CACUAAUC G CACUAAUC 13056 4456 CAUCCAAG G UGCUCCUG 13056 4456 UCCAAGGU G CUCGAAGU 13060 4450 AUCAUGA G CUCGAAGU 13060 4450 AUCAUCAA G CUCGAACAU 13060 4450 AUCAUCAA G CUCGAACAU 13061 4450 AUCAUCAA G CUCGAACAU 13066	╀╌	O	13038	GGACACGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CACCGGCG	35323
4662 GUGGUCGU G UCCCCCUU 13040 4650 CCCCUUUUU G UACUCCUU 13041 4631 GUGAGGGA G UGUCCCAA 13044 4617 GAGGGAGU G UCCCACAA 13044 4604 CUCUCUUUG G UGUCCCAA 13046 4605 CUCUUUGU G UGUUCGAA 13046 4506 CUCUUUGU G UGUUCGAA 13048 4550 AUUGGAGA G UUAUCGAA 13050 4550 CCCAGGGG G CAAGAUUG 13050 4550 CCCAGGGG G CAAGAUUG 13050 4560 CCCAGGGG G CAAGAUUG 13050 4570 AUUCAAGG G CACCACAG 13050 4470 AGCUGAAA G UUUCCAUA 13050 4450 AUCAUCAA G UGCCCUGA 13050 4450 AUCAUCAAG G UGCUCCUG 13050 4450 AUCAUGAA G UUUCCAUA 13060 4450 AUCAUCAAG G CACCACAA 13061 4450 AUCAUCAA G CACCACAA 13066 4450 AUCAAGAC G CACAUCAAA 13065	╀	Ö	13039	GGGGGACA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GACCACCG	35324
4650 CCCUUUUU G UACUCCUU 13041 4639 CUCCUUUU G UGAGGGAG 13042 4631 GUGAGGGA G UGUCCCAC 13043 4617 CACAACAC G CCUCCUCU 13045 4604 CUCUUUUU G UGUAUUGG 13046 4602 CUCUUUUU G UGUAUUGG 13048 4502 AUUGGAGA G UAUCCAA 13048 4559 AUUGGAGAU G UAUCCAA 13050 4559 GCCAAGAU G CCAGGGG 13050 4559 GCCAGGGG G UGUACCAA 13051 4550 CCCAGGGG G UGUACGAA 13052 4544 GGGUGUAC G CACAGAGG 13056 4546 CAUUCCAAG G UGUCCAUA 13056 4498 CUUCCAAG G UGCUCCUG 13059 4470 AUUCAUGA G CUCGAAGU 13059 4470 AUUCAUGA G CUCGAAGU 13060 4450 AUCAUCAA G CUCGAAGU 13061 4450 AUCAUCAA G CUCGAAGU 13063 4450 AUCAUCAA G CUCGAACU 13066	╄	G	13040	AAGGGGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACGACCAC	35325
4639 CUCCUUUG G UGAGGGAG 13042 4631 GUGAGGGA G UGUCCCAC 13043 4617 CACAACAC G CCUCCUCU 13045 4604 CUCUCUUUG U UGUAUUGG 13046 4602 CUCUCUUUG U UGUAUUGGA 13048 4502 AUUGGAGA G UAUCCAA 13048 4559 AUUGGAGAU G CAAGAUUG 13050 4559 GCAAGAUU G CCAGGGG 13050 4550 CCCAGGGG U UAUCCAA 13051 4559 GCAAGAUU G CCAGGGGG 13050 4550 CCCAGGGG U UAUCCAA 13051 4544 GGGUGUAC G CACUAAUC 13052 4546 CUUCCAAG G UGUCCAUA 13056 4496 CUUCCAAG G UGCUCCUG 13059 4477 AUUCAUGA G CUCGAAGU 13059 4450 AUCAUCAA G CUCGAAGU 13060 4450 AUCAUCAA G CUCGAAGU 13061 4450 AUCAUCAA G CUCGAAGU 13061 4450 AUCAUCAA G CUCGAACAU 13061 4450 AUCAUCAA G CUCGAACAU 13061 4450 AUCAUCAA G CUCGAACAU 13065	╄	ט	13041	AAGGAGUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAAAAGGG	35326
4631 GUGAGGGA G UGUCCCAC 13043 4629 GAGGGAGU G UCCCACAA 13044 4617 CACAACAC G CCUCCUCU 13045 4604 CUCUCUUU G UGUAUUGG 13046 4602 CUCUUUGU G UAUUGGAG 13049 4592 AUUGGAGA G UAUCCAA 13049 4559 GCAAGAUU G CCAGGGG 13050 4559 GCCAGGGG G UGUACGAA 13051 4550 CCCAGGGG G UGUACGAA 13051 4548 CUCCAGGG G UGUACGAA 13055 4498 CUUCCAAG G UGCUCCUG 13059 4477 AUUCAUGA G CUCGAAGU 13059 4470 AGCUGGAA G UGCACACAU 13060 4450 AUCAUCAA G CUCGAAGU 13060 4451 AUUCAUGA G CUCGAAGU 13061 4452 AUCAUCAA G CUCGAAGU 13063 4451 AUCAUCAA G CUCGAAGU 13064 4424 UCGAGCCU G UAAUUUCU 13065 4455 AUCAUCAA G CUCGAAGU 13065 4450 AUCAUCAA G CUCGAACU 13065 4451 AUCAUCAA G CUCGAAGU 13065 4452 AUCAUCAA G CUCGAACU 13065	╀	Ø	13042	CUCCCUCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAAAGGAG	35327
4629 GAGGGAGU G UCCCACAA 13044 4617 CACAACAC G CCUCCUCU 13045 4604 CUCUCUUU G UGUAUUGG 13046 4602 CUCUUUGU G UGUAUUGGA 13048 4592 AUUGGAGA G UAUUGGAG 13049 4559 GCAAGAUU G CCAGGGG 13050 4559 GCAAGAUU G CCAGGGGG 13050 4550 CCCAGGGG G UGUACGACA 13051 4544 GGGUGUAC G CACUAAUC 13053 4516 CAUUCUGA G CACUAAUC 13055 4456 UCCAAGGU G UCCCAGGA 13056 4477 AUUCAUGA G CUCCUGAA 13060 4450 AUCAAGGU G CCGCACAU 13060 4450 AUCAUCAG G CACAUCAA 13061 4450 AUCAUCAG G CACAUCAA 13063 4450 AUCAUCAG G CACAUCAA 13065 4460 CCGCACAU 13065	$\vdash$	ש	13043	· 1	35328
4617 CACAACAC G CCUCCUCU 13045 4604 CUCUCUUU G UGUANUGG 13046 4602 CUCUUUGU G UGUANUGG 13047 4592 AUUGGAGA G UNAUCCAA 13048 4557 UACUGAGG G CAAGAUUG 13050 4559 GCAAGAUU G CCCAGGGG 13050 4550 CCCAGGGG G UGUACGCA 13051 4544 GGGUGUAC G CACUAAUC 13053 4516 CACUAAUC G CACUAAUC 13055 4516 CAUUCCAAG G UGCUCCUG 13055 4456 UCCAAGGU G CUCCUGAA 13056 4477 AUUCAUGA G CUCCUGAA 13050 4450 AUCAAGGU G CCCCAGAGC 13050 4451 AUCAUCAG G CCCCACAU 13060 4451 AUCAUCAG G CCCCACAU 13060 4451 AUCAUCAG G CCCCACAU 13060 4451 AUCAUCAG G CCCCACAU 13065 4451 ACUCUUUC G CCCCACAU 13065 4452 AUCAUCAUGA G CCCCACAU 13065 4453 AUCAUCAUG G CCCCACAU 13065 4454 CCCCCACAUCA 13065 4455 CCCCCACAU 13065 4456 UCCCAGAGCU G UAAUUUCU G CUCCCCGU 13065	+-	Ø	13044		35329
4604 CUCUCUUU G UGUAUUGG 13046 4602 CUCUUUGU G UAUUGGAG 13047 4592 AUUGGAGG G UAUUGGAG 13048 4567 UACUGAGG G CAAGAUUG 13050 4559 GCAAGAUU G CCCAGGGG 13050 4550 CCCAGGGG G UGUACGCA 13051 4544 GGGUGUAC G CACUAAUC 13053 4516 CACUAAUC G CACUAAUC 13055 4516 CAUUCCAAG G UGCUCCUG 13055 4496 UCCAAGGU G CUCCUGAA 13056 4477 AUUCAUGA G CUCCUGAA 13050 4450 AUCAUCAG G CACAUCAAC 13050 4450 AUCAAGGU G CCGCACAU 13060 4451 AUCAUCAG G CACAUCAA 13061 4451 AUCAUCAG G CACAUCAA 13061 4451 AUCAUCAG G CACAUCAA 13061 4451 AUCAUCAG G CACAUCAA 13063 4451 AUCAUCAG G CACAUCAA 13065 4415 UCGGAGCC G CACAUCACU 13065	┝	O	13045		35330
4602 CUCUUUGU G UAUUGGAG 13047 4592 AUUGGAGA G UUAUUGGAG 13048 4567 UACUGAGG G CAAGAUUG 13049 4559 GCAAGAUU G CCCAGGGG 13050 4550 CCCAGGGG G UGUACGCA 13051 4548 CAGGGGGU G UACGCACU 13052 4544 GGGUGUAC G CACUAAUC 13054 4516 CAUUCCAAG G UGCUCCUG 13055 44498 CUUCCAAGG G UGCUCCUG 13056 4477 AUUCAUGA G CUCCUGAA 13056 4470 AGCUGAAG G UUUCCAUC 13059 4450 AUCAUCAA G CCGCACAU 13060 4450 AUCAUCAA G CCGCACAU 13061 4450 AUCAUCAA G CCGCACAU 13061 4450 AUCAUCAA G CCGCACAU 13062 4450 AUCAUCAA G CCGCACAU 13066 4450 AUCAUCAAA G CCGCACAU 13065 4450 AUCAUCAA G CCGCACAU 13065 4450 AUCAUCAAA G CCGCACAU 13065 4450 AUCAUCAAA G CCGCACAU 13065 4450 AUCAUCAAAA G CCGCACAU 13065 4450 AUCAUCAAAA G CCGCACAU 13065 4415 AUCAUCAUUC G CUCGAACCU 13065	├-	D G	13046	CCAAUACA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAAGAGAG	35331
4592 AUUGGAGA G UNAUCCAA 13048 4567 UACUGAGG G CAAGAUUG 13049 4559 GCAAGAUU G CCCAGGGG 13050 4550 CCCAGGGG G UGUACGCA 13051 4548 CAGGGGGU G UACGCACU 13052 4544 GGGUGUAC G CACUAAUC 13054 4516 CAUUCCAAG G UGCUCCUG 13055 4498 CUUCCAAG G UGCUCCUG 13056 4477 AUUCAUGA G CUCCUGAA 13050 4450 AUCAAGGU G CUCCUGAA 13050 4451 AUCAUGA G CUCCUGAA 13060 4450 AUCAAGGU G CCGCACAU 13060 4451 AUCAUCAG G CACAUCAA 13061 4451 AUCAUCAG G CACAUCAA 13061 4452 AUCAUCAG G CCGCACAU 13065 4454 ACUCUUUC G CUCGAGCC 13065 4456 UCGGUGGA G CUCGAGCC 13065 4450 AUCAUCAG G CCGCACAU 13065 4451 AUCAUCAG G CCGCACAU 13065	├	២	13047	CUCCAAUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACAAAGAG	35332
4567 UACUGAGG G CAAGAUUG 13049 4559 GCAAGAUU G CCCAGGGG 13050 4550 CCCAGGGG G UGUACGCA 13051 4548 CAGGGGGU G UACGCACU 13052 4554 GGGUGUAC G CACUAAUC 13053 4516 CAUUCCAAG G UGCUCCUG 13055 4458 CUUCCAAG G UGCUCCUG 13056 4496 UCCAAGGU G CUCCUGGA 13056 4477 AUUCAUGA G CUCCUGGA 13059 4477 AUUCAUGA G CUCCUGGA 13059 4450 AUCAUCAA G CCGCACAU 13060 4450 AUCAUCAA G CCGCACAU 13061 4450 AUCAUCAA G CCGCACAU 13062 4450 AUCAUCAA G CCGCACAU 13062 4450 AUCAUCAA G CCGCACAU 13062 4450 AUCAUCAA G CCGCACAU 13065 4450 AUCAUCAA G CCGCACAU 13065 4450 AUCAUCAA G CCGCACAU 13065 4450 AUCAUCAAA G CCGCACAU 13065 4450 AUCAUCAAAA G CCGCACAU 13065 4450 AUCAUCAAAA G CCGCACAU 13065 4450 AUCAUCAAAAA G CCGCACAU 13065	┢	Q	13048		35333
4559 GCAAGAUU G CCCAGGGG 13050 4550 CCCAGGGG G UGUACGCA 13051 4548 CAGGGGGU G UACGCACU 13052 4554 GGGUGUAC G CACUAAUC 13053 4516 CAUUCCAAG G UGCUCCUG 13055 4498 CUUCCAAG G UGCUCCUG 13056 4477 AUUCAUGA G CUCCUGAA 13056 4477 AUUCAUGA G CUCCUGAA 13059 4450 AGCUGAAA G UUUCCAUC 13059 4450 AUCAUCAA G CUCCAACAU 13060 4450 AUCAAGCC G CACAUCAA 13061 4454 ACUCUUUC G CUCCAGACC 13062 4428 UCCACACA G CUCGAGCC 13062 4428 UCCACUCAA G CUCGAGCC 13062 4428 UCCACUUUC G CUCGAGCC 13063 4424 ACUCUUUC G CUCGAGCC 13065 4425 UCCACAUCAAA G CUCGAGCC 13065 4426 UCCACACAU G UAAUUUCU 13065	┢	ט	13049	- 1	35334
4550 CCCAGGGG G UGUACGCA 13051 4548 CAGGGGGU G UACGCACU 13052 4544 GGGUGUAC G CACUAAUC 13053 4516 CAUUCCAAG G UGCUCCUG 13054 4498 CUUCCAAG G UGCUCCUG 13056 4496 UCCAAGGU G CUCCUGAA 13056 4477 AUUCAUGA G CUCCUGAA 13058 4450 AGCUGAAA G UUUCCAUC 13059 4451 AUCAUCAA G CACAUCAAA 13061 4450 AUCAUCAA G CACAUCAAA 13061 4451 AUCAUCAA G CACAUCAAA 13061 4452 AUCAUCAA G CACAUCAAA 13061 4424 UCGAUCAAA G CACAUCAAA 13062 4425 UCGAUCAAA G CCGCACAU 13065 4426 UCGAUCAAAA G CCGCACAUAAU 13065 4426 UCGAGACCU G UAAUUUCU 13065 4415 UAAUUUCU G CUCGCCGU 13065	┝	O	13050	- 1	35335
4548 CAGGGGGU G UACGCACU 13052 4544 GGGUGUAC G CACUAAUC 13053 4516 CAUUCUAA G CAUCCAUA 13055 4498 CUUCCAAG G UGCUCCUG 13056 4496 UCCAAGGU G CUCCUGAA 13056 4477 AUUCAUGA G CUCCUGAA 13059 4470 AGCUGAA G UUUCCAUC 13059 4450 AUCAUCA G CACAUCAA 13061 4454 ACUCUUUC G CACAUCAA 13061 4424 UCGAGCC G CACAUCAA 13062 4424 UCGAGCC G CACAUCAA 13063 4425 UCGCUCAA G CUCGAGCC 13063 4426 UCGAGCC G CACAUCAA 13064 4415 UCGAGCC G CACAUCAA 13065 4415 UCGAGCC G CACAUCAA 13065 4301 AAAUUUCU G CUCGCCGU 13065	├	Ø	13051	UGCGUACA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCCCUGGG	35336
4544 GGGUGUAC G CACUAAUC 13053 4515 CACUAAUC G CGAGACAG 13054 4516 CAUUCCAAG G UGCUCCUG 13055 4498 CUUCCAAG G UGCUCCUG 13056 4496 UCCAAGGU G CUCCUGGA 13057 4477 AUUCAUGA G CUCGAAGU 13058 4477 AUUCAUGA G CUCGAAGU 13059 4450 AGCUGAAA G UUUCCAUC 13059 4450 AUCAUCAA G CCGCACAU 13061 4424 ACUCUUUC G CACAUCAA 13061 4424 UCGAGCC G CACAUCAA 13063 4424 UCGAGCC G CACAUCAA 13063 4415 UCGAGCC G CACAUCAA 13065 4415 UCGAGACCU G UAAUUUCU 13065	├-	o	13052	AGUGCGUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACCCCCUG	35337
4535 CACUPANC G CGAGACAG 13054 4516 CAUUCCAAG G CAUCCAUA 13055 4498 CUUCCAAG G UGCUCCUG 13056 4496 UCCAAGGU G CUCCUGGA 13057 4477 AUUCAUGA G CUCCUGGA 13058 4470 AGCUGGAA G UUUCCAUC 13059 4453 AUCAUCAA G CCGCACAU 13060 4450 AUCAAGCC G CACAUCAA 13061 4424 ACUCUUUC G CUCGAGCC 13062 4424 UCGAGCCU G UAAUUUCU 13064 4415 UCGAGCCU G UAAUUUCU 13065 4301 AAAUTUCU G CUCGCCGU 13065	╀	O	13053	GAUUAGUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUACACCC	35338
4516 CAUUCUGA G CAUCCAUA 13055 4498 CUUCCAAG G UGCUCCUG 13056 4496 UCCAAGGU G CUCCUGGA 13057 4477 AUUCAUGA G UGCACAGU 13058 4470 AGCUGGAA G UUCCAUC 13059 4453 AUCAUCAA G CGCACAU 13060 4450 AUCAAGC G CACAUCAA 13061 4428 UCGCUCUUC G CUCGAGCC 13062 4428 UCGCUCGA G CCUGUAAU 13063 4424 UCGAGCCU G UAAUUUCU 13065 4391 CAAGAAAU G CCUCGCCU 13065	H	O	13054	CUGUCUCO GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAUUAGUG	35339
4498 CUUCCAAG G UGCUCCUG 13056 4496 UCCAAGGU G CUCCUGGA 13057 4477 AUUCAUGA G CUGGAAGU 13058 4453 AUCAUCAA G CUGGAAGU 13060 4450 AUCAAGCC G CACAUCAA 13061 4450 AUCACUCA G CUCCACAU 13062 4428 UCGCUCGA G CUCGAGCC 13062 4424 UCGCUCGA G CUCGAGCC 13064 4425 UCGCUCGA G CUCGAGCC 13065 4396 CAGGACAU G CUCGAGCC 13066 4415 UCGAGCCU G UAAUUUCU 13065	-	២	13055	- 1	35340
4496 UCCAAGGU G CUCCUGGA 13057 4477 AUUCAUGA G CUGGAAGU 13058 4470 AGCUGGAA G UUUCCAUC 13059 4453 AUCAUCAA G CGCACAU 13060 4450 AUCAAGCC G CACAUCAA 13061 4428 UCGCUCGA G CUCGAGCC 13062 4428 UCGCUCGA G CUCGAGCC 13064 4424 UCGAGCCU G UAAUUUCU 13064 4415 UAAUUUCU G CUCGCCGU 13065 43915 CAGGAAAU G UCCCCCGU 13065	_		13056	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35341
4477 AUUCAUGA G CUGGAAGU 13058 4470 AGCUGGAA G UUUCCAUC 13059 4453 AUCAUCAA G CGCACAU 13060 4450 AUCAAGCC G CACAUCAA 13061 4434 ACUCUUUC G CUCGAGCC 13062 4428 UCGCUCGA G CUGUAAU 13063 4424 UCGAGCCU G UAAUUUCU 13064 4415 UAAUUUCU G CUCGCCGU 13065 4391 AAAUTUCU G CCGCCCGU 13065	┝		13057		35342
4453 AUCAUCAA G UUUCCAUC 13059 4453 AUCAUCAA G CGCACAU 13060 4450 AUCAAGCC G CACAUCAA 13061 4434 ACUCUUUC G CUCGAGCC 13062 4428 UCGCUCGA G CCUGUAAU 13063 4424 UCGAGCCU G UAAUUUCU 13064 4415 UAAUUUCU G CAUCACUU 13065 4395 CAGGAAAU G UCCGCCGU 13065	-	ø	13058	ACUUCCAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCAUGAAU	35343
4453 AUCAUCAA G CCGCACAU 13060 4450 AUCAAGCC G CACAUCAA 13061 4434 ACUCUUUC G CUCGAGCC 13062 4428 UCGCUCGA G CCUGUAAU 13063 4424 UCGAGCCU G WAAUUUCU 13064 4415 UAAUUUCU G CAUCACUU 13065 4395 CAGGAAAU G UCCGCCGU 13065	┞	O	13059	- 1	35344
4450 AUCAAGCC G CACAUCAA 13061 4434 ACUCUUUC G CUCGAGCC 13062 4428 UCGCUCGA G CCUGUAAU 13063 4424 UCGAGCCU G WAAUUUCU 13064 4415 UAAUUUCU G CAUCACUU 13065 4395 CAGGAAAU G UCGCCCGU 13065	┞	ט	13060	AUGUGCGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUGAUGAU	35345
4434 ACUCUUUC G CUCGAGCC 13062 4428 UCGCUCGA G CCUGUAAU 13063 4424 UCGAGCCU G UAAUUUCU 13064 4415 UAAUUUCU G CAUCACUU 13065 4395 CAGGAAAU G UCCGCCGU 13066	┝	ບ	13061		35346
4428 UCGCUCGA G CCUGUAAU 13063 4424 UCGAGCCU G UAAUUUCU 13064 4415 UAAUUUCU G CAUCACUU 13065 4395 CAGGAAAU G UCCGCCGU 13066	-	უ	13062		35347
4424 UCGAGCCU G UAAUUUCU 13064 4415 UAAUUUCU G CAUCACUU 13065 4395 CAGGAAAU G UCCGCCGU 13066	-	ß	13063		35348
4415 UAAUUUCU G CAUCACUU 13065 4395 CAGGAAAU G UCCGCCGU 13066	-	O	13064		35349
4395 CAGGAAAU G UCCGCCGU 13066	-	Ö	13065	AAGUGAUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGAAAUUA	35350
רטייר   ייייר   ייייר   ייייר	Н	ט	13066	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35351
4331 AAAUGUCC G CCGOUCUC 13067	39 4391	AAAUGUCC G CCGUUCUC	13067	GAGAACGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGACAUUU	35352

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G UCAUUGGA	G UCAUUGGA
g ccauggag	g ccauggag
g ucaauguc	g ucaauguc
GAGUCAAU G UCAAGCUC 13077	G UCAAGCUC
g cucuacca	g cucuacca
G CCAGCCCU	G CCAGCCCU
CUCUGCCA G CCCUCCGA 13080	G CCCUCCGA
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CGACAGCU G UCAUCACU 13084	G UCAUCACU
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G CGGCCAU	G CGGCCAU
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CGUUUACG G UUGGGAUC 13090	G UUGGGAUC
CAAUCAGO	G CARUCAGO
G CAGCAAGG	G CAGCAAGG
GUCCAGCA G CAAGGAUC 13094	G CAAGGAUC
AUCAUGGG G UUGAAAAG 13095	G UUGAAAAG
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9269	4054	9 0	13109	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35394
6983	4047	AGUAUCCU G UACACAUC	13110	GAUGUGUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGGAUACU	35395
7001	4029	Ö	13111	CUGAGAUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUGAAUCU	35396
7009	4021	GCAUCUCA G CCCGGGUG	13112	CACCCGGG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG UGAGAUGC	35397
7015	4015	CAGCCCGG G UGUUAGCA	13113	UGCUAACA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCGGGCUG	35398
7017	4013	есссееел е плуесуее	13114	CCUGCUAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACCCGGGC	35399
7021	4009	ღ	13115	UAGCCCUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UAACACCC	35400
7026	4004	UNAGCAGG G CUAGCAGC	13116	GCUGCUAG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG CCUGCUAA	35401
7030	4000	CAGGGUA G CAGCGGAA	13117	UUCCGCUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UAGCCCUG	35402
7033	3997	ტ	13118	UNGUUCCE GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGCUAGCC	35403
7046	3984	ರ	13119	ACAUCAAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUGGUUGU	35404
7053	3977	cennneyn e ncennance	13120	CACAACGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUCAAACG	35405
7056	3974	Ö	13121	AUUCACAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GACAUCAA	35406
7059	3971	U G	13122	AACAUUCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AACGACAU	35407
7065	3962	U G	13123	AGCCAUAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUUCACAA	35408
7071	3959	Ð	13124	ACUGAGAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAUAACAU	35409
7078	3952	G	13125	GGAUGAUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGAGAGCC	35410
7089	3941	A G	13126	GGCGGUAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUGGAUGA	35411
7095	3935	AAGCUACC G CCAGUGAA	13127	UUCACUGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGUAGCUU	35412
7099	3931	UACCGCCA G UGAAUUCA	13128	UGAAUUCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGGCGGUA	35413
7129	3901	ບ	13129	AAAUUCUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCUGGGAG	35414
7139	3891	G	13130	GAUGCCCG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG CAAAUUCU	35415
7143	3887	3 G	13131	UCACGAUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCGCCAAA	35416
7148	3882	CGGGCAUC G UGAUAAGC	13132	GCUUAUCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAUGCCCG	35417
7155	3875		13133	UCAAAUGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUAUCACG	35418
7173	3857	ย	13134	GUUGGCGG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG UGUUUUCU	35419
7176	3854	σ	13135	GAUGUUGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGCUGUUU	35420
7193	3837		13136	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35421
7202	3828		13137	- 1	35422
7206	3824	0	13138	GAGAUGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAACCAGG	35423
7215	3815	r C	13139	UCUCAAAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAGAUGGA	35424
7230	3800	ø	13140	UAUGGUGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUCGUUUC	35425
7246	3784	Ö	13141	AGAUACAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAGUGUUU	35426
7249	3781	უ	13142	UCAAGAUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AACCAGUG	35427
7260	3770	Ö	13143	CAUGGCGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUUCAAGA	35428
7263	3767	UGAAGGUC G CCAUGAGC	13144	GCUCAUGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GACCUUCA	35429
7270	3760	CGCCAUGA G CGCCAAGU	13145	ACTUGGCG GGAGGAAACTCCCUUCAAGGACAUCGUCCGGG UCAUGGCG	35430
7272	3758		13146	ACACUUGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCUCAUGG	35431
7277	3753	AGCGCCAA G UGUACCAC	13147	GUGGUACA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUGGCGCU	35432

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7279	3751	ceccaagu e vaccaceu	13148	ACGUGGUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACUUGGCG	35433
7286	3744	UGUACCAC G UCUCCUCC	13149	1 1	35434
7308	3722	UAGAUUCU G CGAAAGCU	13150		35435
7314	3716	CUGCGAAA G CUGCCCCC	13151	- 1	35436
7317	3713	CGAAAGCU G CCCCCACC	13152	GGUGGGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGCUUUCG	35437
7337	3693	AUGACAUA G CGUAACAC	13153	GUGUUACG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UAUGUCAU	35438
7339	3691	GACAUAGC G UAACACAU	13154	AUGUGUUNA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCUAUGUC	35439
7350	3680	ACACAUCA G UGUAAGUA	13155	UACUDACA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGAUGUGU	35440
7352	3678	ACAUCAGU G UAAGUAAU	13156	AUVACUUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACUGAUGU	35441
7356	3674	CAGUGUAA G UAAUGCCC	13157	GGGCAUUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUACACUG	35442
7361	3669	UAAGUAAU G CCCCCAAA	13158	UUUGGGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUUACUUA	35443
7381	3649	CAGGACUA G CAGAGCAA	13159	1	35444
7386	3644	CUAGCAGA G CAAUCAGU	13160	ACUGAUUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCUGCUAG	35445
7393	3637	AGCAAUCA G UAUAGCUG	13161	CAGCUAUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGAUUGCU	35446
7398	3632	UCAGUAUA G CUGGCAUG	13162	CAUGCCAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UAUACUGA	35447
7402	3628	UAUAGCUG G CAUGCUGA	13163	UCAGCAUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAGCUAUA	35448
7406	3624	GCUGGCAU G CUGAUCUU	13164		35449
7416	3614	UGAUCUUG G CUGUCCAC	13165	- 1	35450
7419	3611	ucunegen a uccaecue	13166	GAGGUGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGCCAAGA	35451
7430	3600	CACCUCUU G CGAAGGAC	13167	GUCCUUCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAGAGGUG	35452
7446	3584	CCUCCUGG G UGGCCAAG	13168	CUUGGCCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCAGGAGG	35453
7449	3581	CCUGGGUG G CCAAGAAC	13169	_ I	35454
7469	3561	ACCAGAAG G CCCAACUG	13170	ı	35455
7484	3546	UGAAAAGG G UCAAUCAU	13171		35456
7497	3533	UCAUAUCA G CAUUAUAA	13172	- 1	35457
7506	3524	CAUUAUAA G CAUUCACU	13173	AGUGAAUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUAUAAUG	35458
7516	3514	AUUCACUU G UGACUGCA	13174	UGCAGUCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAGUGAAU	35459
7522	3508	UUGUGACU G CACGAGGG	13175	CCCUCGUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGUCACAA	35460
7530	3500	GCACGAGG G UCUUUCA	13176	- 1	35461
7543	3487	UUCAUCAU G UCUCUGUG	13177	CACAGAGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUGAUGAA	35462
7549	3481	AUGUCUCU G UGGUCUGA	13178		35463
7552	3478		13179	AGAUCAGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CACAGAGA	35464
7577	3453	UACCAACA G CCGCUGUC	13180	GACAGCGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGUUGGUA	35465
7580	3450	CAACAGCC G CUGUCAGU	13181	ACUGACAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGCUGUUG	35466
7583	3447	CAGCCGCU G UCAGUUUG	13182	- 1	35467
7587	3443	CGCUGUCA G UUUGGUAG	13183	CUACCAAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGACAGCG	35468
7592	3438	UCAGUUUG G UAGCGCAG	13184	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35469
7595	3435	GUUUGGUA G CGCAGUGG	13185		35470
7597	3433	UUGGUAGC G CAGUGGUG	13186	CACCACUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCUACCAA	35471
7600	3430	GUAGCGCA G UGGUGGUA	13187	UACCACCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGCGCUAC	35472

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7603	3427	GCGCAGUG G UGGUAAGG	13188	CCUUACCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CACUGCGC	35473
2092	3424	פ	13189	GCACCUUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CACCACUG	35474
7611	3419	9	13190	GAGCUGCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUUACCAC	35475
7613	3417	GGUAAGGU G CAGCUCCU	13191	AGGAGCUG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG ACCUUACC	35476
7616	3414	₽ G	13192	UGCAGGAG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG UGCACCUU	35477
7622	3408	D D	13193	UGGUGCUG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG AGGAGCUG	35478
7625	3405	Ü	13194	GAUUGGUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGCAGGAG	35479
7635	3395	២	13195	GUUGAUAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGAUUGGU	35480
7649	3381	AACUTUCC G CUCUCUGU	13196	ACAGAGAG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG GGAAAGUU	35481
7656	3374	cecucucu e neeneene	13197	CACCACCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGAGAGCG	35482
7659	3371	ט	13198	UCGCACCA GGAGGAACUCCCUUCAAGGACAUCGUCCGGG CACAGAGA	35483
7662	3368	cueugeus e ueceagus	13199	CACUCGCA GGAGGAACUCCCUUCAAGGACAUCGUCCGGG CACCACAG	35484
7664	3366	g	13200	GCCACUCG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG ACCACCAC	35485
1668	3362	g	13201	ACCUGCCA GGAGGAACUCCCUUCAAGGACAUCGUCCGGG UCGCACCA	35486
7671	3359	Ö	13202	UGGACCUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CACUCGCA	35487
7675	3355	AGUGGCAG G UCCACGGU	13203	ACCGUGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUGCCACU	35488
7682	3348	Ö	13204	UGCGGACA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGUGGACC	35489
7684	3346	9	13205	GCUGCGGA GGAGGAACUCCCUUCAAGGACAUCGUCCGGG ACCGUGGA	35490
7688	3342	O	13206	GAGAGCUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGACACCG	35491
7691	3339	ט	13207		35492
7704	3326	<u>ت</u>	13208	UACGGUCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCUGAGUG	35493
7710	3320	Ö	13209	AGGAACUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGUCACCC	35494
7713	3317	٥	13210	CCCAGGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UACGGUCA	35495
7721	3309	O	13211	GAUUACUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCAGGAAC	35496
7724	3306	ט	13212	UUCGAUUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGCCCAGG	35497
7733	3297	ပ	13213		35498
7748	3282	Ö	13214	GACGAAGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGGGUAGA	35499
7754	3276	O	13215	CCAUGGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAAGGCCG	35500
7763	3267	ت	13216	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35501
1769	3261	פ	13217	1	35502
7774	3256	೮	13218	- 1	35503
1776	3254	0	13219	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35504
7781	3249	ט	13220	CCUGGGUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAGACACA	35505
7789	3241	ט	13221		35506
7799	3231	O	13222	AGCAAUCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAUCGGAG	35507
7805	3225	פ	13223	CCACGAAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAUCACAA	35508
7810	3220	AUUGCUUC G UGGUCCCG	13224	CGGGACCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAAGCAAU	35509
7813	3217	O	13225	UGGCGGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CACGAAGC	35510
7818	3212	Ö	13226	CACACUGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGGACCAC	35511
7822	3208	UCCCGCCA G UGUGACUG	13227	CAGUCACA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGGCGGGA	35512

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7824	3206	cceccaeu e ugacuegu	13228	ACCAGUCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	3G ACUGGCGG	35513
7831	3199	Ð	13229	UGAUAAUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	se cagucaca	35514
7841	3189	AUVAUCAA G UCACUCUC	13230	GAGAGUGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	se uugauaau	35515
7862	3168	AUUCCAUC G CCCCACAA	13231	UUGUGGGG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG	3G GAUGGAAU	35516
7872	3158	cccacaag g uaugcguc	13232	GACGCAUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	se concodese	35517
7876	3154	G	13233	CUGAGACG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	3G AUACCUUG	35518
7878	3152	AGGUAUGC G UCUCAGGC	13234	GCCUGAGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	3G GCAUACCU	35519
7885	3145	g.	13235	GUACGUGG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG	3G CUGAGACG	35520
7890	3140		13236	AUCAUGUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	se enceccue	35521
7917	3113	ccagaacu e cccuuuca	13237	UGAAAGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	3G AGUUCUGG	35522
7927	3103	CCUUUCAA G CUUCCACG	13238	CGUGGAAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	3G UUGAAAGG	35523
7935	3095	•	13239	CAAUGAUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	se euggaage	35524
7945	3085	AUCAUUGA G CCUGCUUU	13240	AAAGCAGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	3G UCAAUGAU	35525
7949	3081	ungageen e euuneaau	13241	AUUGAAAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	3G AGGCUCAA	35526
7970	3060	uaggacag g ucacugug	13242	CACAGUGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	3G CUGUCCUA	35527
1976	3054	AGGUCACU G UGGAUCGC	13243	GCGAUCCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	SG AGUGACCU	35528
7983	3047	UGUGGAUC G CCAAGUUG	13244	CAACUUGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	3G GAUCCACA	35529
7988	3042	₽ G	13245	AAGAACAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	se ungeceau	35530
7991	3039	២	13246	GUCAAGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	se Aactugge	35531
8001	3029	ایما	13247	UGGAACGG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG	3G UGUCAAGA	35532
8004	3026	UGACAGCO G UUCCAAUG	13248	CAUUGGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	se eecueuca	35533
8021	3009	AUCUUCGA G UCACAUUC	13249	GAAUGUGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	se ucgaagau	35534
8031	2999	cacauuca e uususuus	13250	CAACACAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	se ugaaugug	35535
8034	2996	J G	13251	GAGCAACA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	3G AACUGAAU	35536
8036	2994	J G	13252	GAGAGCAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	3G ACAACUGA	35537
8039	2991	വാവാവാ വാവാവാ	13253	AGAGAGAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	3G AACACAAC	35538
8067	2963	D 4	13254	CACCAGCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	3G UCGGAUGU	35539
8069	2961	ರ	13255	CUCACCAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	3G ACUCGGAU	35540
8073	2957	Ö	13256	UGGUCUCA GGAGGAACUCCCUUCAAGGACAUCGUCCGGG	3G CAGCACUC	35541
8105	2925	D d	13257	UGGAAUAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	sg uvagaagu	35542
8115	2915	Ð 1	13258	GAAUCGCG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG	se uuggaaua	35543
8117	2913		13259	CAGAAUCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG		35544
8127	2903	Ð	13260	AUGUCCGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	3G UCAGAAUC	35545
8142	2888	ŋ	13261	UCCGGAGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	3G CAAGGAAU	35546
8166	2864	3 G	13262	CAACAACA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	se conocose	35547
8168	2862	g	13263	GCCAACAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	se accouneu	35548
8171	2859	9	13264	CUCGCCAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	3G AACACCUU	35549
8175	2855	Ð	13265	AGAACUCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	3G CAACAACA	35550
8179	2851		13266	CACCAGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	3G UCGCCAAC	35551
8185	2845	GAGUUCUG G UGCAAAUA	13267	UAUTUGCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	3G CAGAACUC	35552

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8187	2843	GUICUGGU G CAAAUAAA	13268	THINALIHING GGAGGAAACHICCCHICAAGGACAHCGHICGHICGHICG	35553
8211	2819	יט	13269	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35554
8219	2811	GCCUUCCA G CCAAUUUC	13270	GAAAUUGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGGAAGGC	35555
8238	2792	Ø	13271	CGCCACCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAAAAU	35556
8241	2789	unoccene e neeceene	13272	CACCGCCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CACGGAAA	35557
8244	2786	UG G	13273	CCUCACCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CACCACGG	35558
8247	2783	ט	13274	ACGCCUCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGCCACCA	35559
8252	2778	ပ	13275	CCUAAACG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUCACCGC	35560
8254	2776	Ð	13276	CACCUAAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCCUCACC	35561
8260	2770	Ф	13277	AGUCAGCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUAAACGC	35562
8262	2768	ღ	13278	CAAGUCAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACCUAAAC	35563
8270	2760	GCUGACUU G UACAUUCC	13279	GGAAUGUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAGUCAGC	35564
8284	2746	UCCCUCCU G UUUCUCAA	13280	UUGAGAAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGGAGGGA	35565
8306	2724	ACACUAAG G UCCACACC	13281	GGUGUGGA GGAGGAACUCCCUUCAAGGACAUCGUCCGGG CUUAGUGU	35566
8331	2699	UCAAAAGA G UGUUCAGC	13282	GCUGAACA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCUUUUGA	35567
8333	2697	ല ദ	13283	GAGCUGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACUCUUUU	35568
8338	2692	Ð	13284	AGGACGAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGAACACU	35569
8342	2688	0	13285	GUGAAGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAGCUGAA	35570
8352	2678	connaka e conacaka	13286	GUGGGAAG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG AGUGAAGG	35571
8368	2662	CAUTUGAU G CUCCAGUC	13287	GACUGGAG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG AUCAAAUG	35572
8374	2656	AUGCUCCA G UCUGGAAA	13288	UUUCCAGA GGAGGAACUCCCUUCAAGGACAUCGUCCGGG UGGAGCAU	35573
8389	2641	Ö	13289	GCGGUCUA GGAGGAACUCCCUUCAAGGACAUCGUCCGGG GAUCAGUU	35574
8396	2634	O	13290	GGAGUGUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGUCUACG	35575
8415	2615	cconviga e conneuga	13291	UCAGAAAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCAUAAGG	32226
8433	2597	ugancing g chaggeen	13292	AGGCCUAG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG CAAGAUCA	35577
8438	2592	пивасила в ссипеива	13293	CCACAAGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUAGCCAA	35578
8443	2587	ט	13294	AAACGCCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAGGCCUA	35579
8446	2584	Ö	13295	CUGAAACG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CACAAGGC	35580
8448	2582	v	13296	CCCUGAAA GGAGGAACUCCCUUCAAGGACAUCGUCCGGG GCCACAAG	35581
8456	2574	ט	13297	AAGUAUUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCUGAAAC	35582
8465	2565	೮	13298	GACCGGUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAGUAUUA	35583
8471	2559	UDGUACCG G UCCAUCCA	13299	UGGAUGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGGUACAA	35584
8481	2549	O	13300	UGUGGAGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUGGAUGG	35585
8495	2535	ט	13301	UUCAUACA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAUGAUGU	35586
8497	2533	AUCAUUGU G UAUGAACA	13302	UGUUCAUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACAAUGAU	35587
8524	2506	ACAUCUCA G CUCUUGCC	13303	GGCAAGAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGAGAUGU	35588
8530	2500	CAGCUCUU G CCGGCUGA	13304	UCAGCCGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAGAGCUG	35589
8534	2496	nanneace e anewnena	13305	GACAUCAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGGCAAGA	35590
8540	2490	свеспеми в исимивес	13306	GCCAUAGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUCAGCCG	35591
8547	2483	UGUCUAUG G CACACCCA	13307	UGGGUGUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAUAGACA	35592

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8556	2474	CACACCCA G UGUCAGCG	13308	CGCUGACA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGGGUGUG	35593
8558	2472	CACCCAGU G UCAGCGUG	13309	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35594
8562	2468	CAGUGUCA G CGUGCACG	13310	CGUGCACG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGACACUG	35595
8564	2466	andocado e ugoaceno	13311	AACGUGCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCUGACAC	35296
8566	2464	GUCAGCGU G CACGUUCA	13312	UGAACGUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACGCUGAC	35597
8570	2460	GCGUGCAC G UUCACGGA	13313	UCCGUGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUGCACGC	35598
8587	2443	GAGGAAGA G CAGAACUC	13314	GAGUUCUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCUUCCUC	35599
8604	2426	CUCCAACU G CGAGAAAC	13315	GUUUCUCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGUUGGAG	35600
8613	2417	CGAGAAAC G UGAGAGCU	13316	AGCUCUCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUUUCUCG	35601
8619	2411	ACGUGAGA G CUAUGGAC	13317	GUCCAUAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCUCACGU	35602
8637	2393	UAUCACGA G CAUUGAUG	13318	CAUCAAUG GGAGGAAACUCCCUUCAAGGACAUCGUCGGG UCGUGAUA	35603
8645	2385	GCAUUGAU G CCCAUCCA	13319	UGGAUGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUCAAUGC	35604
8664	2366	ACAGGAGA G CCCCCAGC	13320	GCUGGGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCUCCUGU	35605
8671	2359	AGCCCCCA G CAAUCCUU	13321	AAGGAUUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGGGGGCU	35606
8680	2350	caauccuu e ceuvaucc	13322	GGAUAACG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAGGAUUG	35607
8682	2348	AUCCUUGC G UDAUCCAG	13323	CUGGAUAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCAAGGAU	35608
9698	2334	O	13324	UUCGGAGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUGUCCUG	35609
8707	2323	UCCGAACA G UGAGCGGA	13325	UCCGCUCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGUUCGGA	35610
8711	2319	AACAGUGA G CGGAAUGC	13326	GCAUUCCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCACUGUU	35611
8718	2312	AGCGGAAU G CUCCUCCG	13327	CGGAGGAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUUCCGCU	35612
8742	2288	GAUGGACA G CCUUCCCA	13328	UGGGAAGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGUCCAUC	35613
8757	2273	ย	13329	GOUGUUCA GGAGGAACUCCCUUCAAGGACAUCGUCCGGG CUCAGUUG	35614
8783	2247	ß	13330	GCUUGGGA GGAGGAACUCCCUUCAAGGACAUCGUCCGGG UUUGGAUC	35615
8790	2240	AGUCCCAA G CUGUGUCU	13331	AGACACAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUGGGACU	35616
8793	2237	CCCAAGCU G UGUCUCCU	13332	AGGAGACA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGCUUGGG	35617
8795	2235	CAAGCUGU G UCUCCUAG	13333	CUAGGAGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACAGCUUG	35618
8805	2225	cuccuaga e cegeuagu	13334	ACUAGCCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCUAGGAG	35619
8808	2222	O	13335	GAGACUAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGCUCUAG	35620
8812	2218	9	13336	CGCAGAGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UAGCCGCU	35621
8818	2212	B	13337	AAGGAGCG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG AGAGACUA	35622
8820	2210	eucucuec e cuccuuue	13338	CAAAGGAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCAGAGAC	35623
8832	2198	Ö	13339	UACAACCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCUCAAAG	35624
8835	2195	UGAGGGUG G UUGUAAAG	13340	CUUUACAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CACCCUCA	35625
8838	2192	ღ	13341	AGCCUUUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AACCACCC	35626
8844	2186	O	13342	UGGCAAAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUUUACAA	35627
8849	2181	O	13343	AGCAUUGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAAGCCUU	35628
8855	2175	O	13344	GGAAGCAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUUGGCAA	35629
8828	2172	ე ც	13345	UCUGGAAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGCAUUGG	35630
8870	2160	O	13346	CAUUGGCA GGAGGAACUCCCUUCAAGGACAUCGUCCGGG AAGUCUGG	35631
8872	2158	AGACUUGU G CCAAUGGU	13347	ACCAUDGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACAAGUCU	35632

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2140         AUDGAUCU G UDGUUCUC         13319         GAGABACAA GAGGABACUCCUCUCAAGGACUCCUCCAGGACUCCUCCAGGACUCCUCCAGGACUCCUCCAGGACUCCUCCAGGACUCCUCCAGGACUCCUCCAGGACUCCUCCAGGACUCCUCCAGGACUCCUCCAGGACUCCUCCAGGACUCCUCCAGGACUCCUCCAGGACUCCUCCAGGACUCCUCCAGGACUCCUCCAGGACUCCUCCAGGACUCCUCCAGGACUCCUCCAGGACUCCUCCAGGACUCCUCCAGGACUCCUCCAGGACUCCUCCAGGACUCCUCCAGGACUCCUCCAGGACUCCUCCAGGACUCCUCCAGGACUCCUCCAGGACUCCAGGACUCCUCCAGGACUCCUCCAGGACUCCUCCAGGACUCCUCCAGGACUCCUCCAGGACUCCUCCAGGACUCCUCCAGGACUCCUCCAGGACUCCUCCAGGACUCCUCCAGGACUCCUCCAGGACUCCAGGACUCCUCCAGGACUCCUCCAGGACUCCUCCAGGACUCCUCCAGGACUCCUCCAGGACUCCAGGACUCCUCCAGGACUCCUCCAGGACUCCUCCAGGACUCCUCCAGGACUCCUCCAGGACUCCUCCAGGACUCCUCCAGGACUCCUCCAGGACUCCUCCAGGACUCCUCCAGGACUCCUCCAGGACUCCAGGACUCCUCCAGGACUCCUCCAGGACUCCUCCAGGACUCCUCCAGGACUCCUCCAGGACUCCAGGACUCCUCCAGGACUCCUCCAGGACUCCUCCAGGACUCCUCCAGGACUCCUCCAGGACUCCUCCAGGACUCCUCCAGGACUCCUCCAGGACUCCUCCAGGACUCCUCCAGGACUCCUCCAGGACACUCCUCCAGGACUCCUCCAGGACUCCUCCAGGACUCCUCCAGGACUCCUCCAGGACUCCUCCAGGACUCCUCCAGGACUCCACCACCAGCACCACCACCACCACCACCACCACCACCAC	8879 2151	L UGCCAAUG G UGAUUGAU	13348	ALTORATION SEPTEMBER AND ASSESSED AND ASSESSED AND ASSESSED AND ASSESSED AND ASSESSED ASSESSED.	15633
2137         dautueury e utouccure         1335         Gadegada, Georgeourocadeachalocourocadeachalocourocadeachalocourocadeachalocourocadeachalocourocadeachalocourocadeachalocourocadeachalocourocadeachalocourocadeachalocourocadeachalocourocadeachalocourocadeachalocourocadeachalocourocadeachalocourocadeachalocourocadeachalocourocadeachalocourocadeachalocourocadeachalocourocadeachalocourocadeachalocourocadeachalocourocadeachalocourocadeachalocourocadeachalocourocadeachalocourocadeachalocourocadeachalocourocadeachalocourocadeachalocourocadeachalocourocadeachalocourocadeachalocourocadeachalocourocadeachalocourocadeachalocourocadeachalocourocadeachalocourocadeachalocourocadeachalocourocadeachalocourocadeachalocourocadeachalocourocadeachalocourocadeachalocourocadeachalocourocadeachalocourocadeachalocourocadeachalocourocadeachalocourocadeachalocourocadeachalocourocadeachalocourocadeachalocourocadeachalocourocadeachalocourocadeachalocourocadeachalocourocadeachalocourocadeachalocourocadeachalocourocadeachalocourocadeachalocourocadeachalocourocadeachalocourocadeachalocourocadeachalocourocadeachalocourocadeachalocourocadeachalocourocadeachalocourocadeachalocourocadeachalocourocadeachalocourocadeachalocourocadeachalocourocadeachalocourocadeachalocourocadeachalocourocadeachalocourocadeachalocourocadeachalocourocadeachalocourocadeachalocourocadeachalocourocadeachalocourocadeachalocourocadeachalocourocadeachalocourocadeachalocourocadeachalocourocadeachalocourocadeachalocourocadeachalocourocadeachalocourocadeachalocourocadeachalocourocadeachalocourocadeachalocourocadeachalocourocadeachalocourocadeachalocourocadeachalocourocadeachalocourocadeachalocourocadeachalocourocadeachalocourocadeachalocourocadeachalocourocadeachalocourocadeachalocourocadeachalocourocadeachalocourocadeachalocourocadeachalocourocadeachalocourocadeachalocourocadeachalocourocadeachalocourocadeachalocourocadeachalocourocadeachalocourocadeachalocourocadeachalocourocadeachalocourocadeachalocourocadeachalocouro	╁	AUUGAUCU G	13349	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35634
2127         UCHOCKUU G CCCACCAC         13351         GROUGGADA, CUCCCUUCAAGGACAUCCUCCOGGG           2105         AUCHGANG G UCHGANG         13352         GACUCCAUR         GRAGGADAACUCCCUUCAAGGACAUCGUCCGGG           2105         AUGGANG         GUCCAAGG         GRACCCAUR         GRACCCAUR         GACUCCAUR           2099         UCCAAAGG         UCCAAAGG         GAGGCAACC         GAGGAAACUCCCUUCAAGGACAUCGUCCGGG           2070         AACUUMAC         GUGGCAC         GAGGAAAACUCCCUUCAAGGACAUCGUCCGGG           2071         AACUUMAC         GUGGCCAA         GAGGAAAACUCCCUUCAAGGACAUCGUCCGGG           2070         AACUUMAC         GUGGCCAA         GAGGAAAACUCCCUUCAAGGACAUCGUCCGGG           2070         ACCUUMAC         GUGGCCAA         GAGGAAAACUCCCUUCAAGGACAUCGUCCGGG           2070         GACUCCAGG         GAGGAAAACUCCCUUCAAGGACAUCGUCCGGG           2070         GACUCAGA         GUGGAGAACUCCCUUCAAGGACAUCGUCCGGG           2071         GAGCACUAG         GUGGAGAACUCCCUUCAAGGACAUCGUCCGGG           2072         ACCAACAGG         UUCAGGAG         GAGGAAAACUCCCUUCAAGGACAUCGUCCGGG           2073         GUGCCUUGA         GAGCCUUAG         GAGGAAACUCCCUUCAAGGACAUCGUCCGGG           2074         GUCACUGG         GUCCUUCAAGGACAUCGUCCGGGGGAGAACUCCCUUCAAGGACAUCGGGG           2	Н	GAUCUGUU G	13350	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35635
2115         ACCACUMU G MUNGAGU         13352         GACUCALIA G GAGGABARCUCCCUUCAAGGACAUCGUCCGGG           2018         AUGURAGA G UCCACAA         13354         UUGABACA GAGGABARCUCCCUUCAAGGACAUCGUCCGGG           2098         AUGURAGA G UGGCCACA         13354         UGGBACCUU           2095         AARGGGUA G UCCCACA         13354         AAUGGGAAACUCCCUUCAAGGACAUCGUCCGGG           2072         GGACCUUA G CGUGGCC         13356         ACGGCCAA         GGAGGABACUCCCUUCAAGGACAUCGUCCGGG           2072         GGACCUUA G CGUGGCC         13356         ACGGCCAA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           2066         UMGCCUUA         CCUUAGC         13357         ACGGCCAA         GGAGGABACUCCCUUCAAGGACAUCGUCCGGG           2066         UMGCCUUA         CCUUAGC         13359         ACGGCCAA         GGAGGABAACUCCCUUCAAGGACAUCGUCCGGG           2066         UMGCCUUA         GCCACACG         GGAGGABAACUCCCUUCAAGGACAUCGUCCGGG         2006           2067         GCUUAGC         UUCACACAA         13356         ACUGGGGAAAACUCCCUUCAAGGACAUCGUCCGGG           2072         GCACACGG         GGAGGABAACUCCCUUCAAGGACAUCGUCCGGG         2007         GCCCACGG           2073         ACAAAAGG         CCCCACGG         GGAGGABAACUCCCUUCAAGGACAUCGGGG           2074         GCCACACGG         <	$\vdash$	nancana e	13351	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35636
2009         AUDUGADA         GANGGADAACUCCCUUCAAGGACAUCGUCGGGG           20098         UCCAAAGG         GUGCAACA         13354         UUDGAACA         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           20070         UCCAAAGG         GUGCAACA         13354         JAGGGGAAACUCCCUUCAAGGACAUCGUCGGG           2017         ACUUCAACA         13357         AGUGGAAAACUCCCUUCAAGGACAUCGUCGGG           2017         ACUUCAGAC         13357         AGGGCAAAACUCCCUUCAAGGACAUCGUCGGG           2016         ACUUCAGAC         13359         AGGGCAAAACUCCCUUCAAGGACAUCGUCGGG           2060         UAGCAUGG         CCCUCGAG         GGAGCAAACACCCCUUCAAGGACAUCGUCCGGG           2061         UAGCAUGG         CCCUCGAG         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           2062         UAGCAGUA         13367         AUUGGACA         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           2063         GGUUGACA         13367         AUUGGACA         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           2018         ACCAAUCU         GCCACUGG         13367         CCAGUGGG         GAGGGAAACUCCCUUCAAGGACAUCGUCGGG           2017         GCCACUGG         GUGGAGAACCCCUUCAAGGACAUCGUCGGG         GAGCACACG         GAGGGAAACCCCUUCAAGGACAUCGUCGGG           2017         GCCACUGG         GAGCACAG         GAGGGAAAACUCCCUUCAAGGACAUCGUCGGG	4	ACCACUAU G	13352		35637
2098         UCCAAAGG G UGGUUCCA         13354         UGGAAACCA GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           2095         AAAGGGUG G UCCAAAU         13356         AAUGGAAACUCCCUUCAAGGACAUCGUCGGG           2072         GAACCUMA G GUUGGCCG         13356         AACGCCAAC         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           2072         GACUUAGC G UGGCCAC         13357         ACGGCCAAC         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           2066         UAGCCACC         13358         GGCCAACG         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           2067         ACCUUAGC         UUGGCCAC         13350         UUCAAGGG         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           2066         UAGCCCACC         13360         UUCAAGGG         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           2067         UAGCCCACC         UUCAACGG         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           2073         ACAAACC         UUCAACGG         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           2074         ACAAGUCG         UUCAACGG         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           2075         ACCUACCGG         UUCAACGG         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           2076         ACCUACGG         UUCAACGG         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           2077         GCUACCGG         UUCAACGG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG <t< td=""><td>-</td><td>AUGUAUGA G</td><td>13353</td><td></td><td>35638</td></t<>	-	AUGUAUGA G	13353		35638
2095         AAAGGGUG G UUCCARMU         13355         AAUUGGBA GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           2070         ACCUUNAC G GUGGCCC         13356         GGCCACGG GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           2070         ACCUUNAC G UUGGCCC         13358         GGCCACGG GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           2066         UAGCCUUG         CCCUCGGG         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           2067         ACUUNAC         G UUGACCUU         13358         ACUUCACG           2069         UGGCCCUC         13360         ACUUCACG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           2060         UGGCCCUC         G CACUCGAG         13360         ACUUCACG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           2010         GGCUNACAG         G UUGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         2007         ACUAGGAC         GAGGGAAACUCCCUUCAAGGACAUCGUCGGG           2015         GCUNAGG         UUCAGGAGG         13361         CCAGUGGG         GAGGGAAACUCCCUUCAAGGACAUCGUCGGG           2016         GCUNAGGG         UUCAGGAGG         13361         CCAGUGGG         GAGGGAAACUCCCUUCAAGGACAUCGUCGGG           2017         GCCACUGG         GAGGGAAACUCCCUUCAAGGACAUCGUCGGG         GAGGGAAACUCCCUUCAAGGACAUCGUCGGG           2018         GCCACUGG         GAGGGAAACUCCCUUCAAGGACAUCGGGG         GAGGGAAACUCCCUUCAAGGACAUCGUCGGG     <		UCCAAAGG G	13354		35639
2072         GRANCUINA G CRUNGGCC         13356         GGCCAACG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           2070         ACCUUNGC         G UGGCCCC         13357         ACGGCCAACG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           2063         CGUUGGCC         13359         ACGCCACG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           2063         CGUUGGCC         UCACUGGC         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           2060         UGGCCCUC         13359         ACGCAGGG           2061         UGGCCCACG         13360         UUCAGUGG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           2062         UGGCCANCUG         CCCACUGG         13361         ACUCAGGG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           2015         GCCCACUGG         UCAGUGGG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           2016         GCCCACUGG         UCAGUCGG         13362         CCAGUGGG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           2017         GCCCACUGG         UCAGUCGC         13364         ACCUAACG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           2017         GCCCACUGG         UCAGUGG         GGAGGAAACUCCCCUUCAAGGACAUCGUCCGGG         GGAGGAAACUCCCCUUCAAGGACAUCGUCCGGG           2017         GCCAGGCG         UUCAGGG         GGAGGAAACUCCCCUUCAAGGACAUCGUCCGGG		AAAGGGUG G	13355		35640
2070         ACCUMACC G UNGGCCGG         13353         ACGGCCAA GGAGGAAACUCCCUUCAAGGACAUCGGCGGG           2066         UAGGCGUG G CCGUGGA         13358         AGGCCCAGG GGAGGAAACUCCCUUCAAGGACAUCGCCGGG           2063         CGUUGGC C GUGGCAC         13358         AGGCCACGG GGAGGAAACUCCCUUCAAGGACAUCGCCGGG           2063         UGGCCGUG G CCGUGGA         13360         UUCAAUGG GGAGGAAACUCCCUUCAAGGACAUCGCCGGG           2064         UGGCCGUG G CCACUGG         13361         ACDAAAGG C UUCAACG           2075         GGUUGACA G UGACCAAG         13362         CACUMGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           2015         GGCCACUG G CGUUGAG         13363         CACUMGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           2016         GCCCACUG G CGUUGAG         13364         ACCUMACG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           2017         GCCCACUG G CGUUCAA         13364         ACCUMACG GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           2017         GCCCACUG G CGUUCAA         13367         UCAUUGAA         GGACCUGG           2018         GGCCACUG G UCGUCAA         13367         UCAUUCAA         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           1957         UUNGCAAG G UCCAUCAA         13360         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           1963         UUNGCAAG         10CAUUCAA         13370         UCAUUGAC <td< td=""><td>Н</td><td>GGACCUUA G</td><td>13356</td><td>1 1</td><td>35641</td></td<>	Н	GGACCUUA G	13356	1 1	35641
2066   UNGCOUND G CCOUGGAC   13358   AGUIGAGAAACUCCCUUCAAGGACAUCGUCCGGG   2063   CGUUGGCC G UGGCCACU   13354   AGUIGACCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   2063   ACAAAAGG G UUGACAGU   13361   ACUGUCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   2043   ACAAAAGG G UUGACAG   13361   ACUGUCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   2025   ACCAAUCU G CCCACUG G CGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   2015   GGUUGACG G UUGAGAAACUCCCUUCAAGGACAUCGUCCGGG   2015   GGCGUUAG G UCGUUCAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   2015   CCACUGG G UUGAGUC G GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG   2015   CCACUGG G UUGAGUC G UUCAAUCG G GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG   2017   GGCGUUAG G UUCAAUCG C GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG   2017   GGCGUUAG G UCGUUCAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   2017   GGCGUUAG G UCGUUCAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   2017   GGCGUUAG G UCGUUCAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   1997   GGAACUU G CACUGGC   1336   GUCGUUGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   1997   GGAACUU G CACUGGC   1336   GGCGUUGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   1997   GGAACUU G CACUGGC   1337   GGAACUU G GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   1991   GGAACUU G CACUGGC   1337   GGAACUGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   1991   GUCCAUCC   UUUGCAAG G UCCAUCG   GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   1991   GUCCAUCC   UUCACAG G UCCAUCG   GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   1992   GUCCAUCG   GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   1991   GUCCAUCC   UUCACAG G GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   1992   GUCCAUCC   UUCACAG G UCCACGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   1992   GUCCAUCG   GCAGGAAACUCCCUUCAAGGACAUCGUCCGGG   1993   GUCCAUCG   GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG   1993   GUCCACG   GAAGGAAACUCCCUUCAAGGACAUCGCCCGGG   1993   GUCCACG   GAAGGAAACUCCCUUCAAGGACACC   GAAGGAAACUCCCUUCAAGAC   GAAGGAAACCCCUUCAAGA   GAACACACAC	-1	ACCUUAGC G	13357		35642
2063         GOUNDECC G UGGCCACU         13359         AGUNGGCCA         GORDUGGCC         GUCACUGAA         13360         UUCAGUGG         GORDUGGAAAACUCCCUUCAAGGACAUCGGCGGG           2066         UGGCCGUG         CACACUGAA         13362         AUDAGUGG         GAGAGAAACUCCCUUCAAGGACAUCGGCGGG           2035         GGDUGGG         13362         AUDGGUCGGG         ACAAAAGG         GUAGACAU         13362         AUDGGUCGGG           2015         ACAAAAGG         GUAGAGAA         13363         CCAGUGGG         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           2017         GCCCACUGG         13364         ACCADUCGG         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           2018         GCCCAUGG         13366         UUGAGGAAACUCCCUUCAAGGACAUCGUCGGG           2019         GCCACUGG         UUCAAUCG         13366         UUGAGGAAACUCCCUUCAAGGACAUCGUCGGG           1974         GCCACUGG         UUCAAUCG         13370         CCAUGGGAAACUCCCUUCAAGGACAUCGGGGGGCACGGGGGGAGAACCCCCUUCAAGGACAUCGGGGGGGCACGGGGGAGAACCCCCUUCAAGGACAUCGGGGGGAGAACCCCCUUCAAGGACAUCGGGGGGGAGGAGGAGGAGGAGGAGGAGGAGGAGGGGGGG	-	UAGCGUUG G	13358		35643
2060         UGAGCCGUG G         CCACUGAA         13360         UUCAGUGG         GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG           2043         ACDAAAGG G         UGAACAGU         13361         ACUGUCAA         GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG           2025         ACCAAUCU         GCACUGGG         13363         CCACUGGG         GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG           2017         ACCAAUCU         GCCACUGG         13363         CCACUGGG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           2017         GCCACUGG         UUAGGUC         13364         ACCUAACG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           2017         GCCACUGG         UUCAAUGA         13366         CGACUGGG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           2017         GCCACUGG         UUCAAUGA         13366         GCACUGGG         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           2016         GUUCAAUGA         UUGAAGGA         GGAGCAAACUCCCUUCAAGGACAUCGUCGGG         GGACUCGGG           1951         UUAGAGGC         13378         UCACUGGG         GGACCUUCAAGGACAUCGUCCGGG           1961         UUAGAGGC         13379         CGAGGAAACUCCCUUCAAGGACAUCGUCGGG         GGAGCCCUUCAAGGACAUCGUCCGGG           1962         UUCAAUGA         CCACUGG         GGAGGACACCCUUCAAGGACAUCGUCCGGG         GGACUCGGG <t< td=""><td></td><td>පලාගයෙය ය</td><td>13329</td><td></td><td>35644</td></t<>		පලාගයෙය ය	13329		35644
2043         ACDADAGG G UUSACAGU         13361         ACUGUCAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           2036         GGUUGACA         13362         AUUGGUCA         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           2017         GCCAAUUG         GCCCAUUG         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           2017         GCCCAAUUG         GCCCAUUG         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           2017         GCCCAUUG         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           2018         CCCACUGGC         UUCAAUGA         13366         UUGAACGA         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           2010         GUCAUUCA         13366         UUGAACGA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1991         GUCAAUUG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         1396         UUGAACGA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1969         UUGAACG         UUCAAUGA         13376         UCAUUGG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1969         UUUGCAAG         UCCAUCG         GGACCAUG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1960         UUUGCAAG         UCCAUCG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         GGAACUUU         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1961         GUCCAUUC         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         GCCAGGACG         GGAGGACCACG	Н	neeccene e	13360	i	35645
2016   GGUUGACA G UGACCAAU   13362   AUNGGUCA GGAGGAAACUCCCUUCAAGGACAUCGUCGGG   2017   GCCACUGG G CGUUAGGUC   13364   ACCAUUGAG GGAGGAAACUCCCUUCAAGGACAUCGUCGGGG   2017   GCCACUGG G UGAGGUCA   13364   ACCAUUCA GGAGGAAACUCCCUUCAAGGACAUCGUCGGGG   2016   GGCGUUAGG G UGAGGUCA   13364   ACCAUUCA GGAGGAAACUCCCUUCAAGGACAUCGUCGGG   2017   CUANUGAA G UGGUUCAA   13364   UUGAACGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   2017   GGAGGUUCA   13369   GUCAUUCAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   1957   UUCAAUGA G CACGUCC   13369   GUCAUUCAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   1974   GGAACUUU G CAAGGUCC   13369   GUCAUUCAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   1974   GGAACUUU G CAAGGUCC   13369   GUCAUUCAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   1951   GUCCAUCC G UGCCAGUG   13371   CACUGGCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   1952   GUCCAUCC G UGCCAGUG   13371   CACUGGCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   1953   GUCCAUCC G UGCCAGUG   13374   UUACACUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   1953   GUCCAGU G UGCCGUGA   13374   UUACACUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   1953   GUCCAGU G UGCCGUGA   13374   UUCACUG GGAGGGAAACUCCCUUCAAGGACAUCGUCCGGG   1953   GCCAUCCA G UGCCGUGA   13374   UUCACUG GGAGGGAAACUCCCUUCAAGGACAUCGUCCGGG   1954   ACUGUACU G UGCCGUGA   13375   UCACGGCA GGAGGGAAACUCCCUUCAAGGACAUCGUCCGGG   1955   ACCACACA G UGCCGUGA   13376   UCACGGCA GGAGGGAAACUCCCUUCAAGGACAUCGUCCGGG   1956   ACUGAGAC G UGCCGUGA   13376   UCACGGCA GGAGGGAAACUCCCUUCAAGGACAUCGUCCGGG   1957   ACCACACA G UGCCGUGA   13376   GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   1958   ACCACACA G UGCCGUGA   13376   GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   1958   ACCACACA G UGCCGUGA   13376   GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   1957   ACCACACA G UGCCGUGA   13376   GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   1957   ACCACACA G UGCCGUGA   13376   GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   1957   ACCACACA G UGCCGUGA   GGAGGGAAACUCCCUUCAAGGACAUCGUCCGGG   1957   CUGUGCC G UGCCGCGA GGAGGGAAACUCCCUUCAAGGACAUCGUCCGGG   1957   CUGUGCCG G UGCCCGGA GGAGGGAAACUCCCUUCAAGGACAUCGUCCGGG   1957   CUGUCCG G UGCCCGGA GGAGGGAAACUCCCC	-	ACAAAAGG G	13361	1	35646
2025         ACCAAUCU G CCCACUGG         13363         CCAGUGGG GAGGAAACUCCCUUCAAGGACUCGUCCGGG           2017         GCCCACUG G CUULAGGU         13364         ACCULACG GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           2015         CCACUGGG G UUGAGUG         13365         CGACCUCAA           2010         GGCGUUDA G UCGUUCAA         13366         UUGAACGA           2010         GGCGUUDA G UCGUUCAA         13366         UUGAACGA           2010         GGCGUUDA G UCGUUCAA         13367         UCAUUGAA           1997         UUCAAUGAC         13368         GUCAGUGG           1959         UUGAACGUC         13369         GACCUUG           1950         UUGAACGUC         13370         CGABUGGA           1951         UUGCCAGUG         13371         CGABUGGA           1951         GUCCAGUG         13372         CACUGGGAAACUCCCUUCAAGGACAUCGUCCGGG           1952         CCCAGUGCA         13371         CACUGGGAAACUCCCUUCAAGGACAUCGUCCGGG           1953         CCCAGUGCA         13372         CACUGGAAACUCCCUUCAAGGACAUCGUCCGGG           1954         GUCCAGUG         10GAUCCAA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1955         CCCGUGCA         10GAUCCAA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1958		GGUUGACA G	13362		35647
2017         GCCCACUG G CGUUAGGU         13364         ACCUAACG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           2015         CCACUGGG G UUAGGUCA         13365         CGACCUAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           2010         GGAGGUUAG         13367         UUADUUGAA         13366         UUADUUGAA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           2007         GUAAUGAA         13368         GUACUUGAAGGAACUCCCUUCAAGGACAUCGUCCGGG         19574         GUAAUGAA         13368         GUCAUUGAAGGACAUCGUCCGGGG           1957         UCAAUGAA         13368         GUCAUGAGGACAUCGUCCGGGG         1958         GAACUUG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1961         UUUGCAAG         13371         CGGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         1968         GGACCUUGA         GGACCUUCA         GGAGCAACUCCCUUCAAGGACAUCGUCCGGG           1961         UUCCCAGG         UUCCAGGG         13372         UACCUGGA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1953         GUCCAUCCA         UUCCAGGG         13373         UUCCAGGGAAACUCCCUUCAAGGACAUCGUCCGGG           1954         GUCCAUCA         UUUCCAGG         13373         UUCCAGGGAAACUCCCUUCAAGGACAUCGUCCGGG           1953         GUCCAGCA         UUCCAGGG         13374         UUGCAGGA         GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1953	-	ACCAAUCU G	13363		35648
2015         CCACUGAGC G UNAGEUCG         13365         CGACCUMA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           2010         GECGUIMG G UCGUUCAA         13366         UUGAACGG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           2010         GEUNAGGUC         13367         UCAUUGAA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1971         UCAAUGAA         GCACUUG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1974         GGAACUUG         GAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1969         UUUGCAAG         13379         CGGAUGGA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1961         UUUGCAAG         UACCACUGG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1962         UUUGCAAG         UACCACUGG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1963         GUCCGUGG         13371         CACUGGCA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1964         UUUGCAGU         CCAGUGCA         13373         UACACUCG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1955         CCAGUGCA         13374         UUGCAGCA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1956         ACACUCCA         13375         UGCAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1957         ACACCACA         UUGCAGCA         13374         UUGCAGCA         GGAGGGAAACUCCCUUCA	_	acceaeug g	13364		35649
2010         GGCGUUAG G UCGUUCAA         13366         UUGAACGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           2007         GUUAGGUC G UUCAAUGA         13367         UCAUUGAA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1997         GUAACUUU G CAACGUCC         13368         GUCAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1974         GGAACUUU G CAAGGUCC         13370         CGGAUGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1961         GUCCAUC         13371         CACUGGCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1956         CCAUCCOG         13372         CACUGGCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1957         CCAUCCOG         13373         GCACUGGC         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           1958         CCAUCCOG         13373         GCACUGGC         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           1959         CCAUCCOG         13374         UUGCAUACA         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           1950         CCAUCCOG         13374         UUGCAUCA         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           1951         ACACCACA         UGCCGUGA         13375         UGCAGGAAC         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           1931         ACACCACA         UGCCGUGA         13376         UCACGGCA         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           1931         ACACCACA <td>4</td> <td>ccacuage a</td> <td>13365</td> <td></td> <td>35650</td>	4	ccacuage a	13365		35650
2007         GUUNGGUC G UUCAAUGA         13367         UCAUUGAA GAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1997         UCAAUGAA G CAACGGAC         13368         GUCAGUGG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1974         GGAAGGUC         13369         GGACCUUG         GGACCUUG         GGACCUUCGAGGACAUCGUCCGGG           1969         UUUGCAAG         UCCAGUCG         13370         CGGAUGGA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1955         CCAUCCGU         UCCAGUGA         13371         CACUGGCA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1956         CCAUCCGU         UCCAGUGA         13373         UACACUGG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1957         CCAUCCGU         UCCAGUGA         13374         UUGCAGUA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1958         CCAUCCGU         UCCAGUGA         13374         UUGCAGUA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1959         CCAGUGCA         UUGCAGUA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1950         ACACCACA         UCCCUCAA         UUGCAGUA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1951         ACACCACA         UGCCGUGA         GGAGGAAACUCCCCUUCAAGGACAUCGUCCGGG         13376         CCCCCACAA         GGAGGA	Н	GGCGUUAG G	13366		35651
1997         UCRANGRA G CCACUGAC         13368         GUCAGUGG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1974         GGAACUUU G CAAGGUCC         13189         GGACCUUG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1969         UUUGCAAG         UCCAUCCG         13370         CGGAUGGA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1961         GUCCAUCC         UGCCAGUG         13371         CACUGGCA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1952         CCAUCCGU         CCAGUGCA         13372         UACACUGG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1953         CCGUGCCA         UGUACUCA         13373         UGCAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1954         AGUGUACU         GAAUCCAA         UGCAGUAC         13374         UGCAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1954         AGUGUACU         GAACUCCA         UGCAGUAC         13375         UGCAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1954         AGUGUACU         GAACUCGA         UGCCGUGAC         13376         UCACGGC         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1955         ACCACAGU         G UGACCUGA         13377         GGTCACGA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1956         ACAGUGCC         UGACCUGC         13378         ACAGGGACA         GCGC	$\dashv$	GUUAGGUC G	13367		35652
1974         GGAACUUU G CAAGGUCC         13369         GGACCUUG GAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1969         UUUGCAAG G UCCAUCCG         13370         CGGAUGGA GAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1961         GUCCAUCC G UGCCAGG         13371         CACUGGCA GAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1952         CCAUCCGU         13372         UACACUG         GAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1953         GCGUGCCA         13373         GCAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1954         AGUGUCCA         GUGCAUCA         13374         UACACGGA           1954         AGUGUACU         GUACUCCA         13375         UACACGCA           1954         AGUGUACU         GAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1958         ACACCAGU         GCAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1959         ACACCAGU         GCAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1950         ACACCAGU         GCAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1950         ACACCAGU         GCAGGACAA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1950         ACACCAGU         GCGAGACA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1910         UGACCCGU         13376         GCCAGACA         GGAGGAAACUCCCUUCAAGGACAUCGUCCCGGG           1910         UGACCGGG	-	UCAAUGAA G	13368	i	35653
1969         UTUGCAAG G UCCAUCCG         13370         CGGAUGGA GGAGGAAACUCCCTUCAAGGACAUCCGGGG           1961         GUCCAUCC G UGCCAGUG         13371         CACUGGCA GGAGGAAACUCCCTUCAAGGACAUCGUCCGGG           1952         CCGUGCCA G UGCCAGUG         13373         UACACUGGC GGAGGAAACUCCCTUCAAGGACAUCGUCCGGG           1953         CCGUGCCA G UGUACUGC         13374         UUGCAGUA GGAGGAAACUCCCTUCAAGGACAUCGUCCGGG           1954         AGUGCCAGU G UACUGCAA         13374         UUGCAGUA GGAGGAAACUCCCTUCAAGGACAUCGUCCGGG           1953         GUGCCAGU G UACUGCAA         13374         UUGCAGUA GGAGGAAACUCCCTUCAAGGACAUCGUCCGGG           1954         AGUGCCAGU G UACUGCAA         13374         UUGCAGGA GGAGGAAACUCCCTUCAAGGACAUCGUCCGGG           1955         ACACAGU G CGUGACC         13374         UUGCAGGA GGAGGAAACUCCCTUCAAGGACAUCGUCCGGG           1956         ACACAGU G CGUGACC         13374         UUGCAGGA GGAGGAAACUCCCTUCAAGGACAUCGUCCGGG           1957         ACACAGU G CGUGACC         13374         UCACGGCA GGAGGAAACUCCCTUCAAGGACAUCGUCCGGG           1958         ACACAGU G CGUGACC         13374         ACAGGUCC GGAGGAAACUCCCTUCAAGGACAUCGUCCGGG           1959         ACACAGU G CGUGACC         13374         ACAGGUCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1910         CGUGACCG G UGACCUG         GCCGCAGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG <td>$\dashv$</td> <td>GGAACUUU G</td> <td>13369</td> <td></td> <td>35654</td>	$\dashv$	GGAACUUU G	13369		35654
1961         GUCCAUCC G UGCCAGUG         13371         CACUGGCA GAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1959         CCAUCCGU G CCAGUGUA         13372         UACACUGG GAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1959         CCGUGCCA G UGUACUGC         13373         GCAGUACAA         GCAGUACAA           1951         GCGUGCCA G UGUACUCCA         13374         UUGCAGUA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1953         GUGCCAGU G UACUGCA         13375         UGCAGUAACUCCCUUCAAGGACAUCGUCCGGG           1954         AGUGUACU         13376         UGCAGGCA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1956         AGCACAGU G UGCCGUGA         13376         UCACGGCA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1957         ACACCAGU G CCGUGACC         13377         GGUCACGG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1958         ACACCAGU G UGACCUGU         13378         ACAGGUCA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1910         ACAGUCC         UGACCUGG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1911         UGACCUGU         UGUCCUGG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1912         ACAGGUCC         UGACGAGA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1913         UGACCCGGG         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG	-	UUUGCAAG G	13370		35655
1959         CCAUCCGU G CCAGUGUA         13372         UACACUGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1955         CCGUGCCA G UGUACUGC         13373         GCAGUACA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1953         GUGCCAGU G UACUGCA         13374         UUGCAGUA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1931         ACACCACA G UGCCGUGA         13375         UGGAAUUG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1929         ACACCACA G UGCCGUGA         13376         UCACGGCA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1929         ACCACAGU G CCGUGAC         13378         ACAGGUCC G GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1910         ACAGUGCC G UGACCUGU         13378         ACAGGUCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1911         ACAGGUCC G UGACCUGU         13378         ACAGGUCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1912         ACAGUGCC G UGACCUGU         13378         ACAGGUCA GGAGGGAAACUCCCUUCAAGGACAUCGUCCGGG           1913         CGUGGAGC         13380         CCCGCAGA GGAGGGAAACUCCCUUCAAGGACAUCGUCCGGG           1913         UGACGGGG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1913         UGACGGGG         GGCAGAACCCCUUCAAGGACAUCGUCCCGGG           1913         CUGCGGGG         GGCAGAGC         GGCAGACCCCGUCCCCUUCAAGGACAUCGUCCCGGG      <	4	GUCCAUCC G	13371		35656
1955         CCGUGCCA G UGUACUGC         13373         GCAGUACAC         GGAGUACA         GGAGUACAC         GGAGUACACCUUCAAGGACAUCGUCCGGG           1953         GUGCCAGU G UACUGCAA         13374         UUGCAGUA GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           1948         AGUGUACU G CAAUUCCA         13375         UGACGGCA         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           1920         ACACCACA G UGCCGUGA         13376         UCACGGCA         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           1929         ACACGUGC         UGACCUGU         13377         GGUCACGG         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           1919         ACAGUGCC         UGACCUGU         13378         ACAGGGCA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1917         UGACCUGU         UGUCUGCG         13389         CCCGCAGA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1913         UGACGGGA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1914         UGACGGGA         13381         GCCCGCAGA         GGAGGGAAACUCCCUUCAAGGACAUCGUCCGGG           1915         CUGGGGA         UGCGGAGA         GGAGGGAAACUCCCUUCAAGGACAUCGUCCGGG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1889         ACUUGAAA         CCCGCAGA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         GGAGGAAACUCCCUUCAAGACACACACACACACACACACA	_	CCAUCCGU G	13372		35657
1953         GUGCCAGU G UACUGCAA         13374         UUGCAGUA GCAGAAAUUC GCAAUUCCAACGAAAUUCCAACGAAAUUCCAACGAAAUUCCAACGAAAUUCCAACGAAAUUCCAACGAAAUUCCAACGAAAUUCCAACGAAAUUCCAACGAAAUUCCAACGAAAUUCCAACGAAAUUCCAACGAAAUUCCAACGAAAUUCCAACGAAAUUCCAACGAAAUUCCAACGAAAUUCCAACGAAAUUCCAACGAAAUUCCAACGAAAUUCCAACGAAAUUCCAACGAAAUUCCAACGAAAUUCCAACGAAAUUCCAACGAAAUUCCAACGAAAUUCCAACGAAAUUCCAACGAAAUUCCAACGAAAUUCCAACGAAAUUCCAACGAAAUUCCAACGAAAUUCCAACGAAAUUCCAACGAAAUUCCAACGAAAUUCCAACGAAAAUUCAAAGAAAAUUCAAAGAAAAUUCAAAGAAAAUUCAAAGAAAAUUCAAAGAAAAUUCAAACAAA	$\dashv$	CCGUGCCA G	13373		35658
1948         AGUGUACU G CAAUUCCA         13375         UGGAAUUG GGAGGAACUCCCUUCAAGGACAUCGUCGGG           1931         ACACCACA G UGCCGUGA         13376         UCACGGCA GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           1929         ACCACAGU G CGUGACC         13377         GGUCACGG GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           1916         ACAGUGC G UGACCUGU         13378         ACAGGGCA GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           1917         UGACCUGU G UGUCUGCG         13378         ACAGGGCA GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           1918         CGUGACCU G UGUCUGCG         13381         GCCCGCAGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1919         CUGGGGA G UCCCAAGA         13381         GACUCCCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1910         CUGGGGA G UCCCAAGA         13382         UCUUGGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1889         ACUUGAAA         GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG           1875         GAGCGAGAA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1875         ACUUGAAA         GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG           1868         ACUUGAAA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1875         GAACAGGAC         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1888         ACUUGAAA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1888         ACUUGAAA	-	GUGCCAGU G	13374		35659
1931         ACACCACA G UGCCGUGA         13376         UCACGGCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1929         ACCACAGU G CCGUGACC         13377         GGUCACGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1926         ACAGUGC G UGACCUGU         13378         ACAGGUCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1919         CGUGACCU G UGACGGG         13379         CGCCAGACA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1917         UGACCUGU G UGGCGGG         13380         CCCGCAGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1907         CUGCGGGA G UCCCAAGA         13381         GACUCCCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1889         ACUUGAAA G CCUUUGAA         13382         UCUUGGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1875         GAACAGGC G CCUUUGAA         13383         UCCAAAGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1868         ACUUGAAA G CCUUUGAA         13384         ACCUAUGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1868         ACUUGAAA G CCUUUGAA         13384         ACCUAUGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1868         ACUUGAAA G CUUUGAA         13384         ACCUAUGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1868         CGCCAAAG         13384         ACCUAUGAGGACAACCCUUCAAGGACAUCGUCCGGG           1865         CAUAGGU         13386         GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG	-	AGUGUACU G	13375		35660
1929         ACCACAGU G CCGUGACC         13377         GGUCACGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1926         ACAGUGC G UGACCUGU         13378         ACAGGUCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1919         CGUGACCU G UGUCUGCG         13379         CGCAGACA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1917         UGACCUGU G UGUGGGG         13381         CCCGCAGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1907         CUGCGGGA G UCCCAAGA         13381         GACUCCCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1889         ACUUGAAA G CCUUUGAA         13382         UCUUGGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1868         ACUUGAAA G CCUUUGAA         13383         ACCUAUGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1869         ACUUGAAA G CCUUUGAA         13384         ACCUAUGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1869         ACUUGAAA G CCUUUGAA         GGAAACAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1869         ACUUGAAA G CCUUUGAA         13384         ACCUAUGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1869         ACUUGAAA G CUUUGAA         13384         ACCUAUGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1869         ACUUGAAA G CAAUAGG         GGAAACAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1869         ACUUCAACG G CAAUAGG         13384         ACCUAUGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	-	ACACCACA G	13376		35661
1926         ACAGUGCC G UGACCUGU         13378         ACAGGUCA GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           1919         CGUGACCU G UGUCUGCG         13379         CGCAGACA GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           1917         UGACCUGU G UGUCUGCG         13380         CCCGCAGA GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           1913         CUGUGGGA G UCCCAAGA         13381         GACUCCCG         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           1907         CUGCGGGA G UCCCAAGA         13382         UCUUGGGA GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG           1889         ACUUGAAA G CCUUUGAA         13383         UUCAAAAG GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG           1868         ACUUGAAA G CCUUUGAA         13384         ACCUAUGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1868         ACUUGAAA G CCUUUGAA         13384         ACCUAUGGAAACUCCCUUCAAGGACAUCGUCCGGG           1868         CGCCAUAGG         13384         ACCUAUGGAAACUCCCUUCAAGGACAUCGUCCGGG           1868         CGCCAUAGG         13385         GAAAGGACAACCCCUUCAAGGACAUCGUCCGGG           1865         CAUAGGU         13386         GAAAGGACAACCCUUCAAGGACAUCGUCCGGG           1865         CUUCAACU         13387         AAAAUUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	$\dashv$	ACCACAGU G	13377		35662
1919         CGUGACCU G UGUCUGGG         13379         CGCAGACA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1917         UGACCUGU G UCUGGGGG         13380         CCCGCAGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1913         CUGUGGCG G UCCCAGA         13381         GACUCCCG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG           1907         CUGCGGGA G UCCCAAGA         13382         UCUUGGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1869         ACUUGAAA G CUUUGAA         13383         UUCAAAGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1868         ACUUGAAA G CUUUGAA         ACCUAUGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1868         CGCCAUAG G UUGUUCC         13384         ACCUAUGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1868         CGCCAUAG G UUGUUCC         13385         GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1865         CAUAGGU         13386         GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1865         CAUAGGU         13386         GAAGGGAAACUCCCUUCAAGGACAUCGUCCGGG           1865         CUUCAACU         13386         GAAGGGAAACUCCCUUCAAGGACAUCGUCCGGG	$\dashv$	ACAGUGCC G	13378	- 1	35663
1917         UGACCUGU G UCUGGGGG         13380         CCCGCAGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1913         CUGUGGCA G CGGAGUC         13381         GACUCCCG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG           1907         CUGCGGA G UCCCAAGA         13382         UCUUGGGA GAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1889         ACUUGAAA G CCUUUGAA         13383         UUCAAAAGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1868         CGCCAUAG G CCAUAGGU         13384         ACCUAUGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1868         CGCCAUAG G UUGUUCC         13385         GGAAACAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1865         CAUAGGUU         13386         GAAGGGAAACUCCCUUCAAGGACAUCGUCCGGG           1852         CUUCAACU G UUCCCUUC         13386         GAAGGGAAACUCCCUUCAAGGACAUCGUCCGGG           1852         CUUCAACU G CAAUUUU         13387         AAAAUUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	$\dashv$	CGUGACCU G	13379		35664
1913         CUGUGUCU G CGGAGUC         13381         GACUCCCG GGAGGAAACUCCCUUCAAGGACACCCCGCGGGGGGGGAGGAAACUCCCUUCAAGGACACCGCGGGGGGGG	$\dashv$	UGACCUGU G	13380	- 1	35665
1907         CUGGGGGA G UCCCAAGA         13382         UCUUGGGA GAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1889         ACUUGAAA G CCUUUGAA         13383         UUCAAAAGG GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1875         GAACAGAC G CCAUAGG         13384         ACCUAUGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1868         CGCCAUAG G UUGUUCC         13385         GGGAACAA         GGGAACAA           1865         CAUAGGUU         13386         GAAGGGAA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1852         CUUCAACU G CAAUUUU         13387         AAAAUUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	$\dashv$	cueucucu e	13381		35666
1889         ACUUGAAA G CCUUUGAA         13383         UUCAAAGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1875         GAACAGAC G CCAUAGGU         13384         ACCUAUGG GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1868         CGCCAUAG G UUGUUCC         13385         GGGAACAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1865         CAUAGGUU G UUCCCUUC         13386         GAAGGGAA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1852         CUUCAACU G CAAUUUUU         13387         AAAAAUUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	-	CUGCGGGA G	13382	1	35667
1875 GAACAGAC G CCAUAGGU 13384 ACCUANGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1868 CGCCAUAG G UUGUUCCC 13385 GGGAACAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAUAGGUU G UUCCCUUC 13386 GAAGGGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1852 CUUCAACU G CAAUUUUU 13387 AAAAAUUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	4	ACTUGAAA G	13383	1	35668
1868 CGCCAUAG G UUGUUCCC 13385 GGGAACAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1865 CAUAGGUU G UUCCCUUC 13386 GAAGGGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1852 CUUCAACU G CAAUUUUU 13387 AAAAUUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	-	GAACAGAC G	13384		35669
1865 CAUAGGUU G UUCCCUUC 13386 GAAGGGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUUCAACU G CAAUUUUU 13387 AAAAAUUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	$\dashv$	CGCCAUAG G	13385		35670
1852 CUUCAACU G CAAUUUUU 13387 AAAAAUUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	-	CAUAGGUU G	13386		35671
	-	CUUCAACU G	13387	- 1	35672

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9231 17	1799	ACUUGACA G UGUUGCUU	13388	CAAGUUGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUCGGGUC	35673
9233 17	1797	G	13390	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35675
Н	1794	ರ	13391	UUUUCAAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AACACUGU	35676
Н	1772	CAGGAAUG G CUCCAGCC	13392	GGCUGGAG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG CAUUCCUG	35677
	1766	D O	13393	AGCUUUGG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG UGGAGCCA	35678
$\dashv$	1760	₽ G	13394	GCAUCAAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUUGGCUG	35679
_	1753	J G	13395	GAGCUCUG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG AUCAAGCU	35680
Н	1748	b G	13396	AGAGGGAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCUGCAUC	35681
	1738	D G	13397	UGGGCUCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAGAGGGA	35682
_	1734	A G	13398	GCAUUGGG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG UCACAAGA	35683
9303 17	1727	AGCCCAAU G CUAUCACA	13399	UGUGAUAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUUGGGCU	35684
9316 17	1714	CACAGACU G CUUCGUGG	13400	CCACGAAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGUCUGUG	35685
Н	1709	ACUGCUUC G UGGCGUGU	13401	ACACGCCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAAGCAGU	35686
_	1706	ecuucene e cenenaen	13402	ACCACACG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CACGAAGC	35687
	1704	ဗ	13403	GAACCACA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCCACGAA	35688
	1702	D D	13404	AGGAACCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACGCCACG	35689
_	1699	GGCGUGUG G UUCCUCAA	13405	UUGAGGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CACACGCC	35690
-	1679		13406	CAGAGAGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUUAAUGG	35691
_	1671	guedence a succuees	13407	UGGAGGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGAGAGAC	35692
_	1658	Ð	13408	UGGAAGUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGUGUGGA	35693
$\dashv$	1649	Ö	13409	GAGCAGUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGGAAGUA	35694
-	1644	Ð,	13410	CCUUGGAG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG AGUGCUGG	35695
_	1632	Ð	13411	GACCUCAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUCCCUUG	35696
-	1626	Ö	13412	UUCAUGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUCAACCU	35697
$\dashv$	1595	9	13413	AACAAAGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUUCUUGG	32698
	1589	စ	13414	UGUUGGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAAGACGU	35699
-	1580	ט	13415	CGUGAUGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGUUGGAA	35700
$\dashv$	1572	Ö	13416	GCAUACUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUGAUGAC	35701
9461 15	1569	Ö	13417	AAUGCAUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UACGUGAU	35702
႕	1565	g	13418	CACCAAUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUACUACG	35703
Н	1559		13419	GAUUGACA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAAUGCAU	35704
Н	1557	GCAUUGGU G UCAAUCCC	13420	GGGAUUGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACCAAUGC	35705
-	1543	Ð	13421	GUGAACCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGUCAGGG	35706
-	1540	ß	13422	ACUGUGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CACGGUCA	35707
$\dashv$	1533	Đ I	13423	ACAGUGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGUGAACC	35708
	1526	AGUCCACU G UCACCUCU	13424	AGAGGUGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGUGGACU	35709
$\dashv$	1504	Ö	13425	CACUAAAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUGGAGAA	35710
-	1498	O	13426	CAUACACA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UAAAGCUU	35711
9534 14	1496	GCUUUAGU G UGUAUGAA	13427	UUCAUACA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACUAAAGC	35712

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1486         GUBUGBAG G GEGGGGG         13429         CUGGGGG G GAGGAAACUCCUCAAGGACUUCAAGGACAUCGGGGGGGAAACUCCCUUCAAGGACAUCGGCGGGGGAAACUCCCUUCAAGGACAUCGGCGGGGGAAACUCCCUUCAAGGACAUCGGCCGGGGGAAACUCCCUUCAAGGACAUCGGCCGGGGGAAACUCCCUUCAAGGACAUCGGCCGGGGGGGG	9536	1494	UNUAGUGU G UAUGAAGG	13428	CCUUCAUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACACUAAA	35713
1484         MURAMAGE G COCCAGASA         11434         UTCUGCOG GARGABAACUCCCUUCAAGGACAUCGUCCGG           1475         COCCAGAGA D URANGCOG         13431         CACUCCUG         GARGABAACUCCCUUCAAGGACAUCGUCCGG           1470         COCCAGAGA D URANGCOG         13432         CACCACAGA         CACACACACA         GARGABAACUCCCUUCAAGGACAUCGUCCGGG           1457         AUCUCCUG         CUBAGGAGA         13432         CACACACACA         GAGGABAACUCCCUUCAAGGACAUCGUCCGGG           1457         AUCUCCUG         CUBAGGAGA         13432         CACACACACA         GAGGABAACUCCCUUCAAGGACAUCGUCCGGG           1458         CUCACACCA         13434         CACACACACA         GAGGABAACUCCCUUCAAGGACAUCGUCCGGG           1438         CUCACACCA         13434         CACACACACA         GAGGABAACUCCCUUCAAGGACAUCGUCCGGG           1438         CUCACACACA         GAGGACACACCCCUUCAAGGACAUCGUCCGGG         GAGGABAACUCCCUUCAAGGACAUCGUCCGGG           1438         UCACACACA         GAGGACACACCCCUUCAAGGACAUCGUCCGGG         GAGGACACACCCUUCAAGGACAUCGUCCGGG           1438         UCACACACA         GAGGACACACCCCUUCAAGGACAUCGUCCGGG         GAGGACACACCCCUUCAAGGACAUCGUCCGGG           1439         UCACCACACA         GAGGACACACCCCUUCAAGGACAUCGUCCGGG         GAGGACACACACACACACACACACACACACACACACACA	544	1486	Ø	13429	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35714
1481         ABGGCCGE G LOADGEMANG         13431         CACUCCUG GARGABAACUCCCUUCAAGGACAUCGGCGGG           1475         CCGCAGGA G LOADGCGG         13432         CAGCAUCG         GGAGGAAACUCCCUUCAAGGACAUCGGGGGGGAAACUCCCCUUCAAGGACAUCGUCGGG           1475         AUCUCCGG         CCUBAGUG         13434         CACUCCAGG         GGAGGAAACUCCCUUCAAGGACAUCGGCGGG           1487         AUCUCCGG         CCUBAGUG         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           1486         CUCCACCG         13436         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           1418         CUCCACCG         13436         GGUUGGAG         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           1436         CUCCACCG         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG         13436         CUCCACCG         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           1437         CUCCACGG         UGCGAGAACUCGUCCCUUCAAGGACAUCGUCGGG         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           1438         GUDCCACGG         13449         CACCCACGG         GGAGGAAACUCCCUUCAAGGACAUCGCGGGGGGAAACUCCCUUCAAGGACAUCGUCGGG           1430         GUDCCCCGG         13449         CACCCACGGGGGAAACUCCCUUCAAGGACAUCGCGGGGGAAACUCCCUUCAAGGACAUCGCCGGG           1402         GUDCCCCGG         13441         GCACCACCGCCCUUCAAGGACAUCGCCGGGGGGAAACUCCCUUCAAGGACAUCGCCGGGGGGGG	546	1484	ט	13430	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35715
1475   CCOCOLGGA G TRANSCUCCO   13431   AGAUTICAD GGAGGAAACUCCCUTCAAGGACAUCGUCCGGG G GGAGGGAACUCCCCUTCAAGGACAUCGUCCGGG GGAGGGAAACUCCCUTCAAGGACAUCGUCCGGG GGAGGGAAACUCCCUTCAAGGACAUCGUCCGGG GGAGGGAAACUCCCUTCAAGGACAUCGUCCGGG GAGGGAAACUCCCUTCAAGGACAUCGUCCGGG GAGGGAAACUCCCUTCAAGGACAUCGUCCGGG GAGGGAAACUCCCUTCAAGGACAUCGUCCGGG GAGGGAAACUCCCUTCAAGGACAUCGUCCGGG GAGGAAACUCCCUTCAAGGACAUCGUCCGGG GAGCAACACCCUTCAAGGAAACUCCCUTCAAGGACAUCGUCCGGG GAGCAACACCCCUTCAAGGAACAUCCCUTCAAGGACAUCGUCCGGG GAGCAACACCCCUTCAAGGAAACCCCCUTCAAGGACAUCGUCCGGG GAGCAACACCCTUCAAGGAAACCCCCUTCAAGGACAACCCCCCCGGG GAGCAACACCCCTUCAAGGACAACCCCCCCCGGG GAGCAACACCCCTUCAAGGACAACCCCCCCCCGGG GAGCAAACCCCCTUCAAGGACAACCCCCCCCGGG GAGCAAACCCCCCTCCAACAC GACCACACAC GACCACACA GACCACACACA	549	1481	ဗ	13431	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35716
1470         Geoderican G Crobabucu         1343         AGANUCCAG GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           1457         AUCUCCCU G CCUBAGG         13434         CACCCAGG         GGAGGAAACUCCCCUUCAAGGACAUCGUCCGGG           1457         AUCUCCCU G CCUBAGG         13434         CACCCAGG         GGAGGAAAACUCCCUUCAAGGACAUCGUCCGGG           1458         CCACCACC         13436         GGUUGGAG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1438         UCCAACCU         G UGGAGCAC         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1436         CACCAGAG         GAGGGAAAACUCCCUUCAAGGACAUCGUCCGGG           1437         ACUCCAC         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1436         CACCAGAG         GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG           1420         GUUCCCAC         GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG           1410         ACUCCACA         GUUCCCACA         GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG           1400         ACUCCACA         UNGAGGACAUCG         GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG           1401         ACUCCACA         UNGAGGAACAUCCCUUCAAGGACAUCGUCCGGG           1402         ACUCCACA         UNGAGGACAUCG         GAGGGAAAACUCCCUUCAAGGACAUCGUCCGGG           1403         ACUCCACA         UNGAGGACA         UACAGGACAA         UACAGGACAA           1406 <td< td=""><td>3555</td><td>1475</td><td>ſ</td><td>13432</td><td>GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG</td><td>35717</td></td<>	3555	1475	ſ	13432	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35717
1457   AUCUCCCU G CCUGAGUG   13434   CACUCAGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   1451   CUGCUGGG G UGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   1431   CUGCUGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   1431   CUGCUGGG G UGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   1431   CUGCUGG G UGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   1431   CUGCUGGG G UGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   1431   CUGCUGGG G UGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   1432   CUGCUGG G GAGGAAACUCCCUUCAAGGACAUCGUCCGGG   1432   GUGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   1432   GUGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   1432   GUGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   1432   GUGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   1432   GUGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   1432   GUGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   1434   CACCACCA G UAGUAGCA G CAGUAGCA G UAGUAGCA G UAGUAGCA G CAGUAGCA G UAGUAGCA G CAGUAGCA G UAGUAGCA G CAGUAGCA G CAGUAGCA G UAGUAGCA G CAGUAGCA G C	9260	1470	O	13433	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35718
1451   CUROCORRA 6 UGAGGOAG GEAGGAAACUCCCUUCAAGGACAUCGUCGGGGGACAUCGGGGGGACAUCGGGGGGACAUCGGGGGACAUCGGGGGACAUCGGGGGACAUCGGGGGGACAUCGGGGGACAUCGGCGGGGGACAUCGGCGGGGGGGG	573	1457	v	13434	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35719
1448   CCUBAGUG G CUCCARCC   13436   GGUUGGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG     1438   UCCAACCU G UGUGGAAN   13437   ACUCCACA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG     1431   UGUGGAGUA G UGGAGUA   13439   GGAACAACUCCCUUCAAGGACAUCGUCCGGG     1432   UGUGGAGUA G UUCCGUG   13439   GGAACAACUCCCUUCAAGGACAUCGUCCGGG     1432   UGUGGAGUA G UUCCGUG   13441   GAGUGGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG     1432   UGUCCGU G UGCACUC   13441   GAGUGGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG     1403   ACUCCACA G UAGUGGA   13441   GAGCGAAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG     1405   ACUCCACA G UAGUGGA   13444   UGCACCAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG     1406   ACUCCACA G UAGUGGA   13444   UGCACCAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG     1307   ACUCCACA G UACUCGA   13444   UGCACCAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG     1317   ACCACAUCG   UACUCGA   13444   UGCACCAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG     1318   CCACAUCG   UACUCGA   13444   UGCACCAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG     1319   UUGCCUU G UACUCGA   13445   UUCCACAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG     1310   UUCCUU G UACUCGA   13454   UUCGCUCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG     1310   UUGCUU G UACACUC   UACACUC   UACACUC   GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG     1310   UUGCUU G UACACUC   UACACUC   GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG     1310   UUGCCUA   GUCCAAUA   13454   GACACAU   GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG     1310   UGCCCAU   GUCCAAUA   13454   GACACAU   GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG     1310   UGGCGCAU   GUCCAAUA   13454   GACACAU   GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG     1310   UGGCGCAU   GUCCACUC   13454   GACACAU   GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG     1310   UGGCCCAU   GUCCACUC   13454   GACACAU   GAGGGAAACUCCCUUCAAGGACAUCGUCCCGGG     1310   AMUAUCC   GAGCCCUU   13454   GACACAA GGAGGAAACUCCCUUCAAGGACAUCGCCCGGG     1340   AMUAUCC   GACCCAUC   13454   GAC	6256	1451	ט	13435		35720
1438   UCCAAACUU G UGUGGGGG   13437   ACUCCACA GGAGGAAACUCCCUUCAAGGGAUNCGUCCGGG   14156   CAAACUUG G UGAGGACAACUCCCUUCAAGGGACUUCGCGGG   14156   CAAACCUUG G UGAGGAAACUCCCUUCAAGGGACAUCGUCCGGG   14151   UGUGUGGG G UGAGGAAACUCCCUUCAAGGGACAUCGUCCGGG   14151   GUGGAGCA COCCUUCAAGGGACAUCGUCCGGG   14150   GAAGCCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   14150   GAGGCGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   14150   GAGGCGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   14150   GAGGCCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   14150   GAGGCCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   14150   ACUCCACU G GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   14150   ACUCCACU G GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   14150   ACUCCACU G GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   14150   ACUCCACU G GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   13150   GCACUUCG G UGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   13150   GCACUUC G UACUUCAC G UACUCAC G UACCCC G UACCC	9582	1448	D	13436	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35721
1436   CAACCHOU G UGGAGUAG   13418   CURCUCCA GGAGGAAACUCCCUUCAAGGACAUCGUCGGGG   1421   UGBUGGAG G UGGAGAACUCCCUUCAAGGACAUCGUCGGGG   1422   GGGAGACA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   1422   GGGGAGAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   1422   GAGUUCGU G UGGGACAC   1344   GACGGGAAACUCCCUUCAAGGACAUCGUCCGGG   1422   UGGAGUCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   1402   ACUUCCGU G UGAGUCG   UGGAGCAACUCCCUUCAAGGACAUCGUCCGGG   1402   ACUCCACG G UGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   1402   ACUCCACG G UGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   1402   ACUCCACG G UGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   1346   UCGACUC G UACUUGA   UGGACCACG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   1346   UCGACUC G UACUUGA   UCGACUC G UACUCC G UACUUGA   UCGACUC G UACUCG G UACUCC C UACUCC G UACUCC	5650	1438	O	13437	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35722
1431   UGUGUGGA G UAGUUCCC   13439   GGAAACUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   1428   GUGGGACCA   13441   CACGGAAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   1428   GUGGGACCA   13441   GGAGGCAAACUCCCUUCAAGGACAUCGUCCGGG   1409   CACCACCA   13441   UGGAGCAAACUCCCUUCAAGGACAUCGUCCGGG   1409   ACUCCACA G UAGUUGGU   13443   ACCAACUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   1409   ACUCCACA G UAGUUGGU   13443   ACCAACUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   1409   ACUCCACA G UAGUUGGU   13444   UGGACCAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   1346   CACACUC G UACUUGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   1346   CACACUC G UACUUGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   1346   CACACUC G UACUUGAU   13444   AUCAAAGU G GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   1346   CACACUC G UACUUGAU   13444   AUCAAAGU G GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   1346   CACACUC G UACUUGAU   13446   AGGAGAAACUCCCUUCAAGGACAUCGUCCGGG   1346   CACACUC G UACUUGAU   13446   AGGAGAAACUCCCUUCAAGGACAUCGUCCGGG   1346   CACACUC G UACUUGAU   13446   AGGAGAAACUCCCUUCAAGGACAUCGUCCGGG   1346   CACACUC G GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   1346   CACACUUG G GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   1346   CACACUUG G GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   1346   CACACUUG G GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   1346   CACACUUG G GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   1346   GACACUUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   1346   GACACUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   1346   GACACUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   1346   GACACUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   1346   GACACUG GGAGGAAACCCCUUCAAGGACAUCGUCCGGG   1346   GACACUG GGAGGAAACCCCUUCAAGGACACCCUUCAAGGACACC	9594	1436	Ø	13438	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35723
1428   GUGGAGUA G UNUCCGUG   13440   CACGGAAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   1422   UNGUUCCG G UGGCACUCC   13441   GAGUGGCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   1409   ACUCCACG G UGGCACUCCA   13442   ACCAACUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   1409   ACUCCACG G UGGUCCCA   13444   UGGACCAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   1406   CCCACAGUC G UGCUCCA   13444   UGGACCAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   1406   CCCACAGUC G UCCUCCA   13444   UGGACCAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   1346   UCCAUGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   1346   ACGAAGUG G UACAUCAC   13448   ACGAAGUG G GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG   1340   UUCCUAUU G UACUUCAA   13448   ACGAAGUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   1340   UUCCUAUU G UACAUCAU   13448   AGGAAGAAACUCCCUUCAAGGACAUCGUCCGGG   1340   UUCCUAUU G CCUACAUC G UACACACA   13448   AGGAAGAAACUCCCUUCAAGGACAUCGUCCGGG   1340   UUCCUAUU G CCUACAUC G UACACACA   13448   AGGAAGAAACUCCCUUCAAGGACAUCGUCCGGG   1340   UUCGCUG GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG   1340   UUCGUAUA G CACAUGU G UACACACA   13451   UUACCAAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   1340   UACACAG G GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG   1340   UACACAG G GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG   1340   UACACAG G GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG   1340   UACACAG G GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG   1340   UACACAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   1340   GACCAGG GGAGGAAACCCCCUUCAAGGACAUCGUCCGGG   1340   GACCAGG GGAGGAAACCCCCUUCAAGGACAUCGUCCGGG   1340   GACCAGG GGAGGAAACCCCCUUCAAGGACAUCGUCCGGG   1340   GACCAGG GGAGGAAACCCCCUUCAAGGACAUCGUCCGGG   1340   GACCAGG GGAGGAAACCCCCUUCAAGGACACCCUUCAAGGACACCCUCCGGG   1340   GACCAGG GGAGGAAACCCCCUUCAAGGAC	9599	1431	Ι.	13439	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35724
1422         UNGUNUCC G UGCGACUCA         13441         GAGUCGAC GGAGGAAACUCCAUCAAGGACAUCGUCCGGG           1420         GUNUCCGU G CGACUCCA         13442         UGGAGUCG GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           1409         ACUCCACA G GAGGAAACUCCCUUCAAGGACAUCGUCGGG           1409         ACUCCACA G GAGGAAACUCCCUUCAAGGACAUCGUCGGG           1400         CACACAUG G UNGUUCGU         13444         UGCACCACA GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           1402         AGUAAAUG G UCCAUUCG         13446         UCCAACUG G GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG           1315         UCAAGUUG G UCCUUCG         13446         AGCAACAGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1316         CCACUUCG         UACUAGGA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1317         GCCACUUC         UACUAGGACAUCGUCCGGG         GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG           1318         UUGGCUG         UACUAGGA         GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG           1320         UUGGCUG         UACUAGGA         GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG           1321         UUGGCUG         UACUAGGA         GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG           1322         UUGGCCAA         GAGGAGAAACUCCCUUCAAGGACAUCGUCCGGG           1324         UUGCCCAA         GAGGCCCUUCAAGGACACUCCUCCACGGG           1325         UUGGCCAA         GAGGCCCUCCAACACACAC	2096	1428	פ	13440	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35725
1420   GUUUCCGU G CGACUCCA   13442   UGGAGUCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   1405   ACUCCACA G URGUUCGA   13443   ACCCAACUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGGG   1406   CCACAGUA G UGGAUCCA   13444   UGGACCAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGGG   1405   ACUCACACA G UGGAUCCA   13446   UGGACCAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGGG   1357   GCCACUUC G UACUUGA   13446   CGAAGUAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   1347   AUCAAGUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   1347   AUCAAGUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   1347   AUCAAGUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   1347   AUCACAGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   1348   AGGAAGUAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   1348   AGCACCAAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   1348   AGCACCAAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   1348   AGCACCAAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   1348   AGCACCAAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   1348   AACGGCA G GCAGGAAACUCCCUUCAAGGACAUCGUCCGGG   1348   AACGGCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   1348   AACGGCA G GGAGGAAACUCCCUUCAAGGACAUCGGCGGG   1348   AACGGCA G GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   1348   AACGGCA G GGAGGAAACUCCCUUCAAGGACAUCGGCGGG   1348   AACGGCA G GGAGGAAACUCCCUUCAAGGACAUCGGCGGG   1348   AACGGCA G GGAGGAAACCCCUUCAAGGACAUCGGCGGG   1348   AACGGCA G GGAGGAAACCCCUUCAAGGACAUCGGCGGG   1348   AACGGCA G GGAGGAAACCCCUUCAAGGACACCCCA G CCCCUGCC   1348   AACGGCA G GGAGGAAACCCCUUCAAGGACACCCCA G CCCCUGCC   1348   AACGGCA G GGAGGAAACCCCUUCAAGGACACCCCA G CCCCUGCC   1348   AACGGCA G GGAGGAAACCCCUUCAAGGACACCCA G CCCCUGCC   1348   AACGGCA G GAGGGAAACCCCUUCAAGGACACCCA G CCCCUGCC   1348   A	809	1422	ט	13441	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35726
1409         ACUCCACA G UAGUUGGO         13443         ACCAACUA GGAGAAACUCCCUUCAAGGACAUCGUCCGGG           1406         CCACAGUR G UGGUCCA         13444         UGGACCAGA         GGAGGAAACUCCCUUCAAGGACAUCGUCGGGG           1406         CCACAUGG         UCCAUGGA         GGAGGAAACUCCCUUCAAGGACAUCGUCGGGG           1318         CAAAAUG         CCACUUCG         13445         CGAAAGGG         GGAGGAAACUCCCUUCAAGGACAUCGUCGGGG           1318         CAAAAUG         CCACUUCG         UCCUUGAU         13446         AGGAAGAA         GGAGGGAAACUCCCUUCAAGGACAUCGUCCGGG           1310         UCCUUGG         UUCUUGU         13446         AGGAAGAA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1310         UUCCUUUG         UUCCUUG         UUCCUUGU         13450         UUCCCAGG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1310         UUCCUUUG         UUCCUUUG         13451         UUCCCUUCCGGG         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           1312         UUCCUUUG         UUCCUUUG         13451         UUCCCUUCAAGGACAUCGUCCGGG           1316         CAAAUUG         CCAAAUUG         GAAACAUG	9210	1420	ט	13442	GGAGGAACUCCCUUCAAGGACAUCGUCCGGG	35727
1406         CCACAGUA G UUGGUCCA         13444         UGGACCAA GGAGGAACUCCUUCAAGGACAUCGUCCGGG           1402         AGUAGUUG G UCCAUGGA         13445         UCCACUGGA GGAGGAACUCCCUUCAAGGACAUCGUCGGG           13785         CCAAAAAG         CCAGGGAAACUCCCUUCAAGGACAUCGUCGGG           1370         GCCACUUC G UACUUGAU         13448         AGGAAGUAGGCCCUUCAAGGACAUCGUCGGG           1370         UCCACUUC G UACUUGAU         13448         AGGAAAACUCCCUUCAAGGACAUCGUCGGG           1370         UCCACUUC G UACUUGAU         13448         AGGAAACUCCCUUCAAGGACAUCGUCCGGG           1370         UUCCUNUU G UACUUGU         13448         AGGAAGAACUCCCUUCAAGGACAUCGUCCGGG           1370         UUGCUNUU G CUUGGUA         13450         UUGCUCUU G GAAGGAACUCCCUUCAAGGACAUCGUCCGGG           1370         UUGCUNU G CAAGCAAA         13451         UUGCCUUU G GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1371         UUGCCUNU G CAAGCAAA         13452         CAAAUUUG GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1372         UUGCCUU G CAAGCCAA         13454         GACAAUGG GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1310         UUGCCUU G CAAGCCAA         13454         GACAAUGG GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1310         UUGCCCUU G CAAGCCAA         13454         GACAAUGG GAAGGAAACUCCCCUUCAAGGACAUCGUCCGGG           1310         UUGCCCUU	9621	1409	•	13443	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35728
1402         AGUAGUUG G UCCAUUGGA         13445         UCCAUUGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1385         CAAAAAUG G CCACUUCG         13446         CGAAGUGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1377         GCCACUUCG         13448         AGUCAAGUA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1340         UUCCCANU         G UACUUCA         13448         AGUCACAGG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1341         UUGCCUNG         G UACUUCA         13450         CUGCUUTA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1325         UUGGUAGA         G CAGCAUGA         13451         UUGCCUUG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1316         CAAAUUUG         G CACAUGG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1316         CAAAUUUG         G CACAUGG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1316         CAAAUUUG         G CACUUCA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1310         UGGCCAUG         GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG         13455         CAUUGAC         GACCAUUG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1302         GUGUCAAU         13455         AGCAUUG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG<	624	1406		13444	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35729
1385         CAAAAAUG G CCACUUCG         13446         CGAAGUGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1377         GCCACUUC G UACUUCGA         13447         AUCAAGUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1352         UCCAAGUG G UCUUGGU         13448         AGGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1334         UUGCUUC         13448         UACCAAGCGGAAACUCCCUUCAAGGACAUCGUCCGGG           1335         UUGGUUGG         GAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1316         CAAAUUUG         GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1317         UUGGUUGG         GAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1318         CAAAUUUG         GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1319         UUGGUGG         GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1310         UAGGCAU         GACACUUG         GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1310         UAGGCCAU         GACACUUG         GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1310         UGGCGCAU         GACACUUGA         GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1310         UGGCGCAU         GACAUUGA         GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1321         AUUCCUUU         GACACUUGA         GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1223         CUUCCUUU         GACCAUGC         13459         AAAGGAA	628	1402	1	13445	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35730
1377   GCCACUUC G UACUDGAU   13447   AUCAAGUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   1352   UCAAGAUG G UUCUUCCU   13448   AGGAAGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   13450   UUCCUAUU G CCUUGAUG G UACACUA   13451   UUGCCUUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   13150   UUGGUAGA G CACACUA   13451   UUGGCGAAACUCCCUUCAAGGACAUCGUCCGGG   1316   CAAAUUU G GCAAGUA   13452   CAAAUUU G GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   1316   CAAAUUU G GCAACUA   13453   CACACUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   1316   CAAAUUU G GCAACUA   13453   CAACACU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   1310   UGGCGCAU G UCAAUGC   13454   GACACAU G GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   1310   UGGCGCAU G UCAAUGC   13454   GACACAU G GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   1310   UGGCGCAU G UCAAUGC   13454   GACACAU G GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   1310   GAGCGAU G UCAAUGC   13454   GACACAU G GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   1300   GAGCGAU G GCAGGAAACUCCCUUCAAGGACAUCGUCCGGG   1300   GAGCGAU G GCACGAU G GCACGAU G GCACGAU G GCAGGAAACUCCCUUCAAGGACAUCGUCCGGG   1300   GAGCGAU G GCAGGAAACUCCCUUCAAGGACAUCGUCCGGG   1300   GAGCGAU G GCAGGAAACUCCCUUCAAGGACAUCGUCCGGG   1346   GACACACG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   1346   GACACACAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   1346   GACACACACA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   1346   GACACACACA GGACGAAACUCCCUUCAAGGACACUCCAUCCACCC GCCCCCG GCCCCCC GCCCCCCCCC GCCCCCCCC	645	1385	9	13446	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35731
1352   UCAAGAUG G UUCUUCCU   13448   AGGAAGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   1340   UUCCUAUU G CUUGGUA   1345   UACCAAGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   1334   UUGCUUU G UAGGCAA   1345   UUGCUCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   1325   UUGGCUG G GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG   1315   UUGCCUG G GAGGGAACUCCCUUCAAGGACAUCGUCCGGG   1316   CAAAUUUG G CCAUGUG G CAAGGAAA CUCCCUUCAAGGACAUCGUCCGGG   1316   CAAAUUUG G CCAUGUG G GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG   1316   CAAAUUUG G CCAUGUG G CAAGGAAACUCCCUUCAAGGACAUCGUCCGGG   1310   GAGCGCUU G UCAAUGC G CAUGGGC G GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG   1310   GAGCAUGU G UCAAUGC G CAAGAUAG G GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG   1310   AAUCACGC G CCAAUAA   1345   AAGGACG G GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG   1210   AAUCACGC G CCAAUAA   1345   AAGGACG G GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG   1210   AAUCACGC G UUGCCCC   1346   GACCACGG G GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG   1210   CCCCACCC G UUGCCCC G UUGCGCA G CCCUGUC G CCCCACC G GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG   1246   GACCAGGG GAGGGAAACUCCCUUCAAGGACAUCGUCCGG   GACCCCUU G CCCCAGCC   1346   GACCAGGG GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG   1246   GACCAGGG GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG   1246   GACCAGGG GAGGGAAACUCCCUUCAAGGACAUCGUCCGG   GAGCGCCC G UUGCCCC G UUGCCCC G UUGCCCC G UUGCCCC G UUGCCCC G UUGCCCC G UUGCGCC G UUGCCCC G UUGCCC G UUGCCCC G UUGCCCC G UUGCCCC G UUGCCCC G GACCCCC G GACCCCC G GACCCCC G GACCCC G GACCCC G GACCCC G GACCCC G GACCCC G GACCCC	653	1377		13447	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35732
1340   UUCCUNUU G CCUUGGUA   13449   UACCAAGG GGAGGAAACUCCCUUCAAGGACAUCGUCGGG     1334   UUGCUNU G UNGAGCAA   13450   CUGCUCUR GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG     1325   UUGGUAGA G CAGCAAAA   13451   UUUGCCU G GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG     1316   CAAAUUUG G CAAAUUUG   13453   CACAUGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG     1310   UGGCGAU G UGUCAAUG   13454   GACACAUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG     1310   UGGCGAU G UGUCAAUG   13454   GACACAUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG     1310   UGGCGCAU G UGUCAAUA   13454   GACAUUGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG     1310   UGGCGCAU G UGUCCAUU   13454   AAAGGAAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG     1310   GUGCCCUU G CCAAAUAA   13458   AAAGGAAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG     1271   AAUAAUCC G CAGCCGUU   13459   AAAGGAAA GGAGGAAAACUCCCUUCAAGGACAUCGUCCGGG     1272   CAGCCGUU G CCCCAGCC   13460   GGCAACGG GGAGGAAAACUCCCUUCAAGGACAUCGUCCGGG     1273   CAGCCGUU G CCCCAGCC   13461   UGGGGCAA GGAGGAAAACUCCCUUCAAGGACAUCGUCCGGG     1274   CAGCCGUU G CCCCAGCC   13462   GGCAGGAAAACUCCCUUCAAGGACAUCGUCCGGG     1275   CAGCCGUU G CCCCAGCC   13463   GGCAGGAAAACUCCCUUCAAGGACAUCGUCCGGG     1276   CAGCCGUU G CCCCAGCC   13463   GGCAGGAAAACUCCCUUCAAGGACAUCGUCCGGG     1276   CAGCCGUU G CCCCAGCC   13463   GGCAGGAAAACUCCCUUCAAGGACAUCGUCCGGG     1276   CAGCCCUU G CCCCAGCC   13463   GGCAGGAAAACUCCCUUCAAGGACAUCGUCCGGG     1276   CAGCCCUU G CCCCAGCC   13463   GGCAGGAAAACUCCCUUCAAGGACAUCGUCCGGG     1277   CAGCCCUU G CCCCAGCC   13463   GGCAGGAAAACUCCCUUCAAGGACAUCGUCCGGG     1278   CAGCCCUU G CCCCAGCC   13463   GGCAGGAAAACUCCCUUCAAGGACAUCGUCCGGG     1279   CAGCCCUU G CCCCAGCC   13463   GGCAGGAAAACUCCCUUCAAGGACAUCGUCCGGG     1270   CAGCCCUU G CCCCAGCC   13463   GGCAGGAAACUCCCUUCAAGGACAUCGUCCGGG     1270   CAGCCCUU G CCCCAGCC   13463   GGCAGGAAAACUCCCUUCAAGGACAUCGUCCGGG     1270   CAGCCCUU G CCCCAGCC   13463   GGCAGGAAAACUCCCUUCAAGGACAUCGUCCGGG     1270   CAGCCCUU G CCCCAGCC   13463   GGCAGGAAAACUCCCUUCAAGGACAUCGUCCGGG     1271   CAGCCCUU G CCCCAGCC   13463   GGCAGGAAAACUCCCUUCAAAAACG	678	1352	හ	13448	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35733
1334   UUGGCCUUG G UAGAGCAA   13451   UUUGCCUCUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG     1325   UUGGUAGA G CAGGCAAA   13451   UUUGCCUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG     1316   CAAAUUUG G CAAAUUUG G CACAAUUG GAGGAAACUCCCUUCAAGGACAUCGUCCGGG     1316   CAAAUUG G CGCAUGU G UGCAACGG   13454   GACACAUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG     1316   AAUUUGGC G CAUGUGCC   13454   GACACAUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG     1316   AAUUUGGC G CAUGUCCUU G CCAAAUAA   13454   GACACAUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG     1308   GCGCAUGU G UCAAUAA   13454   GACACAUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG     1308   GCGCAUGU G CUCCUUU G CCAAAUAA   13454   AAAGGAAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG     1209   CUUCCUUU G CCAAAUAA   13454   AAAGGAAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG     1200   CUUCCUU G CCAAAUAA   13459   AACGGCUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG     1216   AAUAAUCC G CAGCCGUU G CCACACGC   13460   GGCAACGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG     1216   AAUAAUCC G CAGCCGUU G CCCAGCC   13460   GGCAACGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG     1216   AAUCCGCA G CCCCAGCC   13461   UGGGGCAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG     1216   CAGCCGUU G CCCCAGCC   13462   GGCGGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG     1216   CAGCCGUU G CCCCAGCC   13462   GGCGGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG     1216   CAGCCCGUU G CCCCAGCC   13462   GGCGGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG     1216   CAGCCCGUU G CCCCAGCC   13462   GGCGGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG     1216   CAGCCCCUU G CCCCAGCC   13462   GGCGGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG     1216   CAGCCCCUU G CCCCCAGCC   13462   GGCGGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG     1216   CAGCCCCUU G CCCCCAGCC   13462   GGCGGGG GGAGGAAACUCCCUUCAAGGACAUCGGG     1216   CAGCCCCUU G CCCCAGCC   13462   GGCGGGG GGAGGAAACUCCCUUCAAGGACAUCGGG     1216   CACCCCUU G CCCCAGCC   13462   GGCGGGG GGAGGAAACUCCCUUCAAGGACAUCGGC     1216   CAGCCCCUU G CCCCAGCC   13462   GGCGGGG GGAGGAAACUCCCUUCAAGGACAUCGGG     1216   CAGCCCCU G CCCCAGCC   13466   GGCGGGG GGAGGAAACUCCCUUCAAGAACACCGCGG     1216   CAGCCCCU G CCCCAGCC	069	1340	೮	13449	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35734
1329         UNGGUAGA         13451         UUUGGCUG         GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1325         UAGAGCAG         CAAAUUUG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1316         CAAAUUUG         CGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1314         AAUUUGGC         CAGUGGUC         13453         CACACAUG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1316         CAAAUUUG         CGCAUGU         13454         GACACAUG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1310         UGGCGCAU         UGUCAAUG         13455         CAUUGACA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1308         GCGCAUGU         UGUCCAUU         13456         AAGCAUUGA         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           1203         GUGUCAAU         UUAAUUUGA         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           1204         AAUCCGCA         CCAAAUAA         13459         AACGGCUG         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           1218         AAUCCGCA         CCGCAGCC         13460         GGCAACGG         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           1278         AAUCCCCA         GCGCCCAGC         13461         UGGGGCAA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1276         CCGCAGCC         UUGCCCCA	969	1334	Ø	13450	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35735
1315         UNGAGCAG G CAAAUUUG         13452         CAAAUUUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1316         CAAAUUUG G CGCAUGUG         13453         CACAUGCG GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           1314         AAUUUGGC G CAUGUGUC         13454         GACACAUG         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           1310         UGGCGCAU         UGUCAAUG         13455         CAUUGACA         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           1308         GCGCAUGU         UGUCCAUU         13456         AGCAUUGA         GGAGGGAAACUCCCUUCAAGGACAUCGUCGGG           1203         GUGUCCAU         UCAAUGCU         13457         AAAGGAAG         GGAGGGAAACUCCCUUCAAGGACAUCGUCGGG           1203         GUUCCUU         G CCAAAUAA         13458         UUAUUUGG         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           1203         GUUCCUU         G CCGCGUU         13458         UUAUUUGG         GGAGGGAAACUCCCUUCAAGGACAUCGUCGGG           121         AAUAAUCC         G CGGUGCC         13459         AACGGCU         GGAACGG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1276         AAUCCGCC         UUGCCCCA         13461         UGGGGCAA         GGCAACGG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1276         AAUGCGC         UUGCCCCA         13462         GGCUGGGG         GGAGGAAAACUCC	701	1329	ט	13451	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35736
1316         CAAAUTUG G CGCAUGUG         13453         CACAUGCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1314         AAUTUGGC G CAUGUGUC         13454         GACACAUG GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           1310         UGGCGCAU G UGUCAUG         13455         CAUUGACA GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           1308         GCGCAUGU G UCAAUAA         13457         AAAGGAAG GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           1293         CUUCCUUU G CCAAAUAA         13459         AAACGGCUG GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           1294         CUUCCUUU G CCAAAUAA         13459         AAACGGCUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1278         AAUCCGCA G CCACCGUU         13459         AACGGCUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1278         AAUCCGCA G CCCCGUU         13460         GGCAACGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1278         CCGCAGCC         13460         GGCAACGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1276         CCGCAGCC         13461         UGGGGCAA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1260         UUGCCCCA         13463         GACAGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1270         CCGCAGCC         13463         GACGGCGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1280         UUGCCCCA         GCCCAGCC         13464         GGCGGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGG	705	1325	ט	13452	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35737
1314         AAUUUGGC G CAUGUGUC         13454         GACACAUG GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           1310         UGGCGCAU G UGUCAUG         13455         CAUUGACA GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           1308         GCGCAUGU G UCACUUU         13456         AGCAUUGA GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           1201         GUGUCAUU         13457         AAAGGAAG GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           1201         GUGUCAUU         13459         AACGGCUG GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           1278         AAUUCGCA G CCAAAUAA         13459         AACGGCUG GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           1278         AAUCCGCA G CCACCGU         13460         GGCAACGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1278         CCGCAGCC         13461         UGGGGCAA         GGCAACGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1278         CCGCAGCC         13461         UGGGGCAA         GGCAACGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1276         CCGCAGCC         13462         GGCTGGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1260         UUGCCCCA         13463         GACAGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1270         CCGCAGCC         13463         GGCTGGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1280         UUGCCCCA         13463         GGCTGGGG GGAGGAAACCCCUUCAAGGACAUCGUCCGGG	714	1316	Ð	13453	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35738
1310         UGGCGCAU G UGUCAAUG         13455         CAUUGACA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1308         GCGCAUGU G UCAAUGU         13456         AGCAUUGA GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           1202         GUGUCAUU         G CUCCUUU         13457         AAAGGAAG         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           1293         CUUCCUUU         G CCAAAUAA         13459         AACGGCUG         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           1278         AAUACGCA G CGGUGC         13460         GGCAACGG         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           1275         CCGCAGCC         UGCCCCA         13461         UGGGGCA         GGCAACGG         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           1276         CCGCAGCC         UGCCCCA         13461         UGGGGCAA         GGCAACGG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1276         CCGCCAGCC         13461         UGGGGCAA         GGCAACGG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1276         CCGCCAGCC         13463         GACAGGG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           126         UUGCCCCA         CCCCUGUC         13463         GACAGGG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           126         CCGCCCCA         UCGCCCAG         13464         GGCGGGG         GGAGGGAAACUCCCUUCAAGGACAUCGGCGGG </td <td>716</td> <td>1314</td> <td>ย</td> <td>13454</td> <td>GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG</td> <td>35739</td>	716	1314	ย	13454	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35739
1308   GCGCAUGU G UCAAUGCU   13456   AGCATUGA GGAGGAAACUCCCUUCAAGGACAUCGUCGGG GUGUCAAU G CUUCCUUU   13457   AAAGGAAG GGAGGAAACUCCCUUCAAGGACAUCGUCGGG GUGUCAAU G CUAAUAA   13458   UUAUUUGG GGAGGAAACUCCCUUCAAGGACAUCGUCGGG GAGGAAACUCCCUUCAAGGACAUCGUCGGG GAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAACACGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGCAACGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGCAACGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAGCCAGC G UUGCCCCA G CCCUGUC   13461   UGGGGCAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAGGCAACCG GAGCCAGC G CCCCAGCC   13462   GGCGGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GACGCAACCG G CCCCAGCC   13463   GACAGGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GACGCAACCG G CCCCAGCC   13463   GACAGGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GACGCAACCG CCUUCAAGGACAUCGUCCGGG GACGCAACGG GAGGGAAACUCCCUUCAAGGACAUCGGCGG GACGCAAACUCCCUUCAAGGACAUCGGCCGG   13465   UUUGUGGG GGAGGAAACUCCCUUCAAGGACAUCGGCGG GACGCAAAACUCCCUUCAAGGACAUCGGCGG GACGCAAAAACUCCCUUCAAGGACAUCGGCCGG   13465   UUUGUGUG GGAGGAAACUCCCUUCAAGGACAUCGGCGG GACGCAAAAACUCCCUUCAAGGACAUCGGCCGG   13465   UUUGUGUG GGAGGAAACUCCCUUCAAGGACAUCGGCGG GACGCAAAAACUCCCUUCAAGGACAUCGGCGG   UUUGUGUG GGAGGAAACUCCCUUCAAGGACAUCGGCGG GACGCAAAAAACUCCCUUCAAGGACAUCGGCGG GACGCAAAAAACUCCCUUCAAGGACAUCGGCCGG   UUGCCCAACAAAAAAAA G CUGGGUCA GACCCAAG GGAGGAAAACUCCCUUCAAGGACAUCGGCGG GACGCAAAAAAAAAA	720	1310	Ð	13455	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35740
1302   GUGUCAAU G CUUCCUUU   13457   AAAGGAAG GGAGGAAACUCCCUUCAAGGACAUCGUCGGG     1293   CUUCCUUU G CCAAAUAA   13458   UUAUUUGG GGAGGAAACUCCCUUCAAGGACAUCGUCGGG     1281   AAUAAUCC G CAGCCGUU   13459   AACGGCUG GGAGGAAACUCCCUUCAAGGACAUCGUCGGG     1278   AAUCCGCA G CCGUUGCC   13461   UGGGGCAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG     1272   CCGCAGCC G UUGCCCCA   13461   UGGGGCAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG     1264   CAGCCGUU G CCCCAGCC   13462   GACAGGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG     1265   CAGCCCCU G UCCCCAGC   13463   GACAGGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG     1266   UUGCCCC G UCGCCC   13463   GACAGGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG     1266   UUGCCCC G UCGCCC G UCGCCG   13463   GUGGUGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG     1267   CACUCCUU G UCGCCAA   13465   UUGUGUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG     1247   CCUUGUCU G CACACAAA G CUGGGUCA   13465   UUGUGUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG     1248   CCUUGUCU G CACACAAA G CUGGGUCA   13467   UGACCCAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG     1232   ACACAAAA G CUGGGUCA   13467   UGACCCAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG     1232   ACACAAAA G CUGGGUCA   13467   UGACCCAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG     1232   ACACAAAA G CUGGGUCA   13467   UGACCCAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG     1236   CACACAAAA G CUGGGUCA   13467   UGACCCAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG     1237   ACACAAAA G CUGGGUCA   UUGCCCAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG     1238   ACACAAAA G CUGGGUCA   UUGCCCAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGG     1230   ACACAAAA G CUGGGUCA   UUGCCCAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGG     1231   ACACAAAA G CUGGGUCA   UUGCCCAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGG     1240   ACACAAAA G CUGGGUCA   UUGCCCAG GGAGGAAACCCCUUCAAGGACAUCGUCCGG     1240   ACACAAAA G CUGGGCCA   UUGCCCAG GGAGAAACCCCCUUCAAGGACAACCCCCUUCAACACACAC	722	1308		13456	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35741
1293         CUUCCUUU G CCAAAUAA         13458         UUAUUUGG GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           1281         AAUAAUCC G CAGCCGUU         13459         AACGGCUG GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           1278         AAUCCGCA G CCGUUGCC         13460         GGCAACGG GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           1275         CCGCAGCC G UUGCCCA         13461         UGGGGCAA         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           1276         CCGCCGUU         CCCCAGCC         13463         GACTGGGG         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           1266         UUGCCCCA         GCCCAGCC         13463         GACAGGGG         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           1260         CAGCCCOU         GCCCAGCC         13463         GGCGGGG         GGAGGGAAACUCCCUUCAAGGACAUCGUCCGGG           1260         CAGCCCOU         GCCCAGCC         13463         GGCGGGG         GGAGGGAAACUCCCUUCAAGGACAUCGUCCGGG           1246         CAGCCCOU         GCCCAGCC         13465         UUGGCGCA         GGAGGGAAACUCCCUUCAAGGACAUCGUCGGG           1242         CCUUGUCU         GCCCAGCA         13465         UUGUGUG         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           1232         ACACAAAA         GCCCAGCA         13467         UUGUGUG         GGAGGGAAACCCCUUCAAGGACAUCGUCGGG	1728	1302	0	13457	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35742
1281         AAUAAUCC G CAGCCGUU         13459         AACGGCUG GGAGGAAACUC CCUUCAAGGACAUCGUCGGG           1278         AAUCCGCA G CGGUGCC         13460         GGCAACGG GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           1272         CCGCAGCC G UUGCCCA         13461         UGGGGCAA GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           1272         CAGCCGUU G CCCCAGCC         13462         GGCUGGGG GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           1266         UUGCCCCA G CCCCAGCC         13463         GACAGGGG GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           1260         CAGCCCCU G CCCCAGCC         13463         GUGGUGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1246         CAGCCCCU G UCGCCCA         13465         UUGUGUGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1246         CACUCCUC         UUGUGUGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1246         UUUGUGUG GGAGGGAAACUCCCUUCAAGGACAUCGUCCGGG           1246         UUUGUGUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1247         CCUUGUCU G CACACAAA         13465         UUUGUGUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	737	1293	Ö	13458	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35743
1278         AAUCCGCA G CGUUGCC         13460         GGCAACGG GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1272         CCGCAGCC G UUGCCCCA         13461         UGGGGCAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1272         CAGCCGUU G CCCCAGCC         13462         GGCUGGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1266         UUGCCCCA G CCCCUGUC         13463         GACAGGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1260         CAGCCCCU G CCCCUGUC         13463         GUGGUGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1246         CAGCCCCU G UCGCCCA         13465         UUGUGUGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1242         CCUUGUCU G CACACAAA         13465         UUUGUGUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1232         ACACAAAA G CUGGGUCA         UGACCCAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	749	1281	ტ	13459	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35744
1275   CCGCAGCC G UUGCCCCA   13461   UGGGGCAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAGCCGUU G CCCCAGCC   13462   GGCUGGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAGCCCCUU G CCCCUGUC   13463   GACAGGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GACCCCCU G UCCACCAC   13464   GUGGUGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   1246   UUGUCGU G UCCACCAC   13465   UUGUCGAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   1246   UUUGUGUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   1242   CCUUGUCU G CACACAAA   13465   UUUGUGUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   13467   UGACCCAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   13467   UGACCCAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	752	1278	Ø	13460	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35745
1272         CAGCCGUU G CCCCAGCC         13462         GGCUGGGG GAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1266         UUGCCCCA G CCCCUGUC         13463         GACAGGGG GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1260         CAGCCCCU G UCCACCAC         13464         GUGGUGGA GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1246         CACUCCUU G UCGCCACA         13465         UUGGUGGA GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1242         CCUUGUCU G CACACAAA         13466         UUUGUGUG GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1232         ACACAAAA         GUGGGUCA         UGACCCAG GAAGGAAACUCCCUUCAAGGACAUCGGGG	755	1275		13461	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35746
1266 UUGCCCCA G CCCCUGUC 13463 GACAGGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAGCCCUU G UCCACCAC 13464 GUGGUGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CACCCUU G UCGCACA 13465 UGGCAGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CACUGUCU G CACACAAA 13465 UUUGUGUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAUGGUC G CACACAAA G CUGGGUCA 13467 UGACCCAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CACACAAAA G CUGGGUCA 13467 UGACCCAG GGAGGAAACUCCCUUCAAGGACAUCGGCGGG	128	1272	U	13462	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35747
1246 CACUCCUU G UCCACCACA 13464 GUGGUGGA GGAGGAAACUCCCUUCAAGGACAUCGUCGGGG CACUCCUU G UCUGCACA 13465 UUUGUGUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCUUGUCU G CACACAAA 13466 UUUGUGUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1242 ACACAAAA G CUGGGUCA 13467 UGACCCAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	764	1266	ಠ	13463	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35748
1246 CACUCCUU G UCUGCACA 13465 UGUGCAGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1242 CCUUGUCU G CACACAAA 13466 UUUGUGUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1232 ACACAAAA G CUGGGUCA 13467 UGACCCAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	170	1260		13464	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35749
1242 CCUUGUCU G CACACAAA 13466 UUUGUGUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1232 ACACAAAA G CUGGGUCA 13467 UGACCCAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	784	1246		13465	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35750
1232 ACACAAAA G CUGGGUCA 13467 UGACCCAG GGAGGAAACUCCCUUCAAGGACAUCGUCGGG	788	1242	Ø	13466	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35751
	198	1232	ტ	13467	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35752

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9803	1227	AAAGCUGG G UCAGCACG	13468	CGUGCUGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCAGCUTU	35753
9807	1223	CUGGGUCA G CACGUUUG	13469	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35754
9811	1219	GUCAGCAC G UUUGUCAU	13470	AUGACAAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUGCUGAC	35755
9815	1215	Ö	13471	CACAAUGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAACGUGC	35756
9821	1209	ungucaun e ugaecunc	13472	GAAGCUCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAUGACAA	35757
9825	1205	9	13473	GGGAGAAG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG UCACAAUG	35758
9837	1193	ტ	13474	GUGCCCGA GGAGGAACUCCCUUCAAGGACAUCGUCCGGG CAUGGGAG	35759
9842	1188	AUGGUCGG G CACGCAGC	13475	GCUGCGUG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG CCGACCAU	35760
9846	1184	uceeecac e caecuuue	13476	CAAAGCUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUGCCCGA	35761
9849	1181	eccaceca e connecne	13477	CACCAAAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGCGUGCC	35762
9855	1175	CAGCUUUG G UGGAGAGA	13478	UCUCUCCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAAAGCUG	35763
9866	1164	GAGAGAUC G CUGACGGU	13479	ACCGUCAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAUCUCUC	35764
9873	1157	CGCUGACG G UAGCCAAA	13480	UUUGGCUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGUCAGCG	35765
9876	1154	UGACGGUA G CCAAAUAG	13481	CUAUTUGG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG UACCGUCA	35766
9884	1146	GCCAAAUA G CAAUAACU	13482	AGUUAUUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UAUUUGGC	35767
9893	1137	J G	13483	GAGGUCCG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG AGUUAUUG	35768
9903	1127	ອ	13484	CAACCUGG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG AGAGGUCC	35769
8066	1122	ט	13485	GCGGUCAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUGGCAGA	35770
9915	1115	ប	13486	UAUGGAGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGUCAACC	35771
9945	1085	CAUCGAUG G UAGGCUUG	13487	CAAGCCUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAUCGAUG	35772
9949	1081	១	13488	AGGACAAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUACCAUC	35773
9953	1077	Ö	13489	UCUAAGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAGCCUAC	35774
6966	1061	ט	13490	CUGCGUGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UAUCAUGU	35775
9974	1056	ø	13491	GACAGCUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUGACUAU	35776
9977	1053	ט	13492	GGCGACAG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG UGCGUGAC	35777
9980	1050	O	13493	GAAGGCGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGCUGCGU	35778
9983	1047	Ö	13494	CUCGAAGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GACAGCUG	35779
10008	1022	စ	13495		35780
10011	1019	D	13496	GUCUGGAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AACAUGGG	35781
10034	966	ט	13497	AACAGAGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUCUUGGA	35782
10040	990	O	13498	AUGAGCAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGAGACUU	35783
10043	987	O	13499	GGAAUGAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AACAGAGA	35784
10055	975	ט	13500	UUCAACUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUUGGAAU	35785
10058	972	១	13501	AGCUUCAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGCCUUGG	35786
10064	996	Ð	13502	GCUUACAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUCAACUG	35787
10067	963	O	13503	CCAGCUUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGCUUCAA	35788
1001	959	ט	13504	GGCCCCAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUACAGCU	35789
10077	953	ပ	13505	UUUGGUGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCCAGCUU	35790
10087	943	ט	13506	UGCUAUUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUUUGGUG	35791
10093	937	AAGCAAUA G CACGACAA	13507	UUGUCGUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UAUUGCUU	35792

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10114	916	AACUCUCU G CAUGGUGU	13508	ACACCAUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGAGAGUU	35793
10119	911	UCUGCAUG G UGUUGCUC	13509	GAGCAACA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAUGCAGA	35794
10121	606	UGCAUGGU G UUGCUCCC	13510	GGGAGCAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACCAUGCA	35795
10124	906	AUGGUGUU G CUCCCAAG	13511	CUUGGGAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AACACCAU	35796
10132	868	GCUCCCAA G CAUCCAAC	13512	GUUGGAUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUGGGAGC	35797
10149	881	CAAUGACG G CUGCCACC	13513	GEUGGCAG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG CGUCAUUG	35798
10152	878	UGACGGCU G CCACCAGG	13514	CCUGGUGG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG AGCCGUCA	35799
10101	698	CCACCAGG G CAUAUCCA	13515	UGGAUAUG GGAGGAAACUCCCUUCAAGGACAUCGUCGGG CCUGGUGG	35800
10172	828	UAUCCAGG G UUCCUCAA	13516	UUGAGGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCUGGAUA	35801
10194	836	AUGAUUCU G UUUUDACC	13517	GGUAAAAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGAAUCAU	35802
10212	818	AAUACCUU G UGGCCUUG	13518	CAAGGCCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAGGUAUU	35803
10215	815	Accuuene e ccuueeue	13519	CACCAAGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CACAAGGU	35804
10221	809	uggecenng a ugenguee	13520	GGACAGCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAAGGCCA	35805
10223	807	eccnneen e cnenccyn	13521	AUGGACAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACCAAGGC	35806
10226	804	noeneca e accyaccy	13522	UGGAUGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGCACCAA	35807
10236	794	ccynccyy e ccccanc	13523	GAAGGGGG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG UUGGAUGG	35808
10247	783	cccnncnn e nocecnae	13524	CUAGCGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAGAAGGG	35809
10251	779	O	13525	CACUCUAG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG GAACAAGA	35810
10257	773	ucecuada e uecuuucu	13526	AGAAAGCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCUAGCGA	35811
10259	171	acuadado e conocioc	13527	GGAGAAAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACUCUAGC	35812
10268	762	connance e nenencoe	13528	CAGACACA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGAAAG	35813
10270	160	nococen e neococon	13529	UGCAGACA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACGGAGAA	35814
10272	758	cuccenen e ucuecacu	13530	AGUGCAGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACACGGAG	35815
10276	754	D	13531	UGACAGUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGACACAC	35816
10281	749	UCUGCACU G UCAGUGAC	13532	GUCACUGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGUGCAGA	35817
10285	745	CACUGUCA G UGACCUCC	13533	GGAGGUCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGACAGUG	35818
10298	732	J.G	13534	UCAAGACG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGUCGGAG	35819
10300	730	r 3	13535	ACUCAAGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCAGUCGG	35820
10307	723		13536	ACACGCCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCAAGACG	35821
10310	720	congaede e ceoeucou	13537	AAGACACG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CACUCAAG	35822
10312	718	ט	13538	CCAAGACA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCCACUCA	35823
10314	716	Q	13539		35824
10320	710	r U	13540	AAGAUGCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAAGACAC	35825
10322	208	J G	13541	GGAAGAUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACCAAGAC	35826
10340	069	9 C	13542	GCAGUCUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUCAGGUA	35827
10347	683	J G	13543	AAAGUCAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGUCUACG	35828
10356	674	ט	13544	1	35829
10358	672	J. G	13545		35830
10367	699	ď	13546	GACAUCGA GGAGGAACUCCCUUCAAGGACAUCGUCCGGG UGUUGGUG	35831
10373	657	CAGUCGAU G UCUUCUGG	13547	CCAGAAGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUCGACUG	35832

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10392	638	CAUDACCA G CCGACAGC	13548	GCUGUCGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGGUAAUG	35833
10399	631	AGCCGACA G CACUGGGC	13549		35834
10406	624	AGCACUGG G CAUUCAUA	13550		35835
10416	614	AUUCAUAA G UGAUAGUA	13551	UACUAUCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUAUGAAU	35836
10422	608	AAGUGAUA G UAUCAUCG	13552	CGAUGAUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UAUCACUU	35837
10430	009	GUAUCAUC G CACAUGUA	13553		35838
10436	594	UCGCACAU G UAUCCCAC	13554	GUGGGAUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUGUGCGA	35839
10452	578	CAUCCAUU G CUCUGACA	13555	UGUCAGAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAUGGAUG	35840
10463	567	CUGACAAU G CAUAGGUU	13556	AACCUAUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUUGUCAG	35841
10469	561	AUGCAUAG G UUCUUUCC	13557	GGAAAGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUAUTAU	35842
10479	551	UCUUUCCA G CAGCUGUU	13558	AACAGCUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGGAL AA	35843
10482	548	UUCCAGCA G CUGUUGGA	13559	UCCAACAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGCUGGAA	35844
10485	545	CAGCAGCU G UUGGAAUC	13560	GAUUCCAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGCUGCUG	35845
10494	536	UUGGAAUC G UGAUGACA	13561	UGUCAUCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAUUCCAA	35846
10506	524	UGACAUCU G UGACGUCA	13562	UGACGUCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGAUGUCA	35847
10511	519	UCUGUGAC G UCAGUAGC	13563	GCUACUGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUCACAGA	35848
10515	515	UGACGUCA G VAGCAUTU	13564	AAAUGCUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGACGUCA	35849
10518	512	CGUCAGUA G CAUJUACC	13565		35850
10527	503	CAUUDACC G UCAUCAUC	13566		35851
10550	480	CCUUGGAA G UUAGAGAG	13567		35852
10560	470	UAGAGAGG G UAACUGCU	13568	AGCAGUUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCUCUCUA	35853
10566	464	GGGUAACU G CUCCUACG	13569	1	35854
10574	456	GCUCCUAC G CUGGCGAU	13570	- 1	35855
10578	452	CUACGCUG G CGAUCAGG	13571	CCUGAUCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAGCGUAG	35856
10586	444	GCGAUCAG G CCAAUCAU	13572	- 1	35857
10599	431	UCAUGACU G CAAUUCCG	13573	CGGAAUUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGUCAUGA	35858
10608	422	CAAUUCCG G UCUUUCCU	13574	AGGAAAGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGGAAUUG	35859
10630	400	unocumu a unoagaec	13575	GCUCAAAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAAAGAAA	35860
10637	393	UGUUTUGA G CUCCGCCG	13576	CGGCGGAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCAAAACA	35861
10642	388	UGAGCUCC G CCGAUUGA	13577	- 1	35862
10653	377	GAUUGAUA G CACUGGUC	13578	GACCAGUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UAUCAAUC	35863
10659	371	UAGCACUG G UCAAGGUC	13579		35864
10665	365	UGGUCAAG G UCCCUAGU	13580	ACUAGGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUUGACCA	35865
10672	358	GEUCCCUA G UUCCUUCU	13581	AGAAGGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UAGGGACC	35866
10694	336	CUCAGAAG G UGUUUCAU	13582	- 1	35867
10696	334	CAGAAGGU G UUUCAUCG	13583		35868
10704	326	rg	13584		35869
10701	323	ucaucecu e uudeuuue	13585		35870
10711	319	cecaenna e nnaenas	13586		35871
10715	315	GUUUGUUU G UUCACACC	13587	GGUGUGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAACAAAC	35872

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46701	202	עוויטנויעט ט עטייועטטוג	12588	GAGCAGING GGAGGAAACHIICAAGGACAHCGIICGIICGIICGIACAGGA	35873
10743	287	O	13589	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35874
10749	281	cuecucee e uceeaeca	13590	UGCUCCGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCGAGCAG	35875
10755	275	GGGUCGGA G CAAUUGCU	13591		35876
10761	269	GAGCAAUU G CUGUGAAC	13592	GUUCACAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAUUGCUC	35877
10764	266	CAAUUGCU G UGAACCUG	13593	CAGGUUCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGCAAUUG	35878
10779	251	UGAAGAAC G CCAAGAGA	13594	UCUCUUGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUUCUUCA	35879
10788	242	CCAAGAGA G CCAACACA	13595	UGUGUUGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCUCUUGG	35880
10801	229	CACAAAUC G UAUUGGCC	13596	GOCCAAUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAUUUGUG	35881
10807	Ļ	UCGUAUUG G CCCCUUGC	13597	GCAAGGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAAUACGA	35882
10814	216	GGCCCCUU G CCGUCGAU	13598	AUCGACGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAGGGGCC	35883
10817	L	CCCUUGCC G UCGAUCAG	13599	CUGAUCGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGCAAGGG	35884
10826	204	UCGAUCAG G CUCAACAU	13600	AUGUUGAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUGAUCGA	35885
10836	194	UCAACAUA G CCCUCUUC	13601	GAAGAGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UAUGUUGA	35886
10846	184	CCUCUUCA G UCCAAUCA	13602	UGAUUGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGAAGAGG	35887
10865	165	GACAACAC G CGGGGCAU	13603	AUGCCCCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUGUUGUC	35888
10870	160	CACGCGGG G CAUUCCGC	13604		35889
10877	153	GGCAUUCC G CGUUUUAG	13605		35890
10879	151	CAUUCCGC G UUUUAGCA	13606	UGCUAAAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCGGAAUG	35891
10885	145	GCGUUUUA G CAUAUUGA	13607	UCAAUAUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UAAAACGC	35892
10896	134	UAUUGACA G CCCGGCUC	13608	GAGCCGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGUCAAUA	35893
10901	129	ACAGCCCG G CUCUUGCC	13609	GGCAAGAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGGGCUGU	35894
10907	123	ටටටවවටට <u>ව ගයාගටව</u> වට	13610	GGGCCCGG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG AAGAGCCG	35895
10912	118	conecce e cconcone	13611	CAGGAGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCGGCAAG	35896
10921	109	CCCUCCUG G UUUCUUAG	13612	CUAAGAAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAGGAGGG	35897
10944	98	AGAUCUUC G UGCUAAGA	13613	UCUUAGCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAAGAUCU	35898
10946	84	AUCUUCGU G CUAAGAAA	13614	UUUCUUAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACGAAGAU	35899
10957	73	G	13615	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35900
10961	69	AACAGCUC G CACUGUGU	13616	- 1	35901
10966	64	cocecaco e neonavan	13617	- 1	35902
10968		უ	13618	- 1	35903
10975	55	UGUUAAUU G UUGUUAAU	13619	AUVAACAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAUVAACA	35904
10978	52	naauuguu e unaauccu	13620	- 1	35905
11002	28	ACUACUAA G UUUGUCAG	13621	- 1	35906
11006	24	J G	13622	- 1	35907
11010		GUUUGUCA G CUCACACA	13623	ι	35908
11020	10	UCACACAG G CGAACUAC	13624	GUAGUUCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUGUGUGA	35909
3.7	10993	ccynnenc e ececycne	14175	CAGUGCGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GACAAUGG	35910
54	10976	ugccenen e ecuaenne	14176	CAACCAGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACACGGCA	35911
58	10972	GUGUGGCU G GUUGUGCA	14177	UGCACAAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGCCACAC	35912

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772         10955         GORGIGADO, O ARÁBUDOC         11179         DIGGARDA UGACCOUTCARGEARAUCCCUTCARGEARAUCCCUTCARGEACAUCCUCCUCCAGGO UGAGADA           74         10956         GARCIGADA O ANCUCCAN         14181         LORGAGA O GARCIACOMA         14181         LORGAGA O GARCIACOMA         14181         LORGAGA CONTRACTOR         14181         LORGAGA CONTRACTOR         LORGAGA CONTRACTOR         14181         LORGAGA CONTRACTOR         14181         CACADACA CONTRACTOR         14182         CACADACA CONTRACTOR         LORGAGA CONTRACTOR         14182         CACADACA CONTRACTOR         14184         CACADACA CONTRACTOR         CACADACA CONTRACTOR         <	67 109	10963	GUUGUGCA G AGCAGAAG	14178	COUCUGEU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGCACAAC	35913
109555         RARCUGARA G ARUCICCUM         14180         UNDGRAADU         GRAGGARA UCCCCUUCAAGGACAUCGUCGGG           109316         CURUCCAC G GUGUCADU         14181         AUUGADAC         GRAGGARACUCCCUUCAAGGACAUCGUCGGG           10932         UURUGUCGA         GRAGGACA         14181         CAAAACAC         GRAGGACA           10932         UURUGUCGA         GRAGGACA         CACCUGA         GRAGGACA           10893         UURUGUCGA         GRAGGACA         14182         CCCCCGUGC         GRAGGACA           10895         UURUGUCGA         GRAGGACA         14181         CCCCCGUGC         GRAGGACA           10895         UURUGUCGA         GRAGGACA         14181         GGAGGACACC         GRAGGACA           10896         GUCCCCC         GAGGACACC         GRAGGACA         GAGGACACA         GAGGACACA           10895         UURCACCA         GACCAGAC         GAGGACACA         GAGGACACA         GAGGACACA           10844         UUCACCCA         GAGGACACA         GAGGACACA         GAGGACACA         GAGGACACA           10821         AAACCACA         GAGGACACA         GAGGACACA         GAGGACACA         GAGGACACACA           10822         AACCACACA         GAGGACACA         GAGGACACACA         GAGGACACACA	┢	958	Ö	14179	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35914
109316         CUNUCCCO G GUGUUDUG         14181         AUUGACAC G GRAGGAAACUCCCUUCAAGGACAUUGUCGGG           10932         UUUGUUGU G GUGUUDUG         14182         CACCOGGG         GGAGGAAAACUCCCUUCAAGGACAUCGUCGGG           10993         UUUGUCGU G GUGUUCA         14184         GAACACC         GGAGGAAAACUCCCUUCAAGGACAUCGUCGGG           10993         UUUGUCGC         GUGUCACC         14184         GGAGGAC         GGAGGAC<	H	955	ß	14180	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35915
10912         UNUGUNGTO G GENCROSCO         14182         CRARACRO GRAGGRARACUCCCUUCARGRACAUCGUCGGG           10992         UGUNUGUGTO G GENCROSCO         14184         CECCROGGG         GRAGARCCC         11184         GRAGARCC         GRAGARCCC         GRAGARCCC         GRAGARCCC         GRAGARCCC         GRAGARCCC         GRAGARCC         GRAGARCCC         GRAGARCC         GRAGARCCC         GRAGARCCCC         GRAGARCCCC         GRAGARCCCC         GRAGARCCCC         GRAGARCCCC         GRAGARCCCC         GRAGARCCCC         GRAGARCCCCC         GRAGARCCCCC         GRAGARCCCCC         GRAGARCCCCCC         GRAGARCCCCCCCCCCCCCC         GRAGARCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC	一	936	O	14181		35916
10892         UGUIUUUGU G GEGUCCOC         14183         CCCCGUBGO GRAGGAAACUCCCUUCAAGGACAUCGUCCOGG           10895         UGGAGCAC G GGUCCOC         14184         GGAGACC GGGGGAAACUCCCUUCAAGGACAUCGUCCGGG           10886         UGGCCCG G GGUCCOC         14186         GUGGAGAC GGGGGAAACUCCCUUCAAGGACAUCGUCCGGG           10886         UGGCCCG G GUCCCC         14186         GUGGAGAC GGGGGAAACUCCCUUCAAGGACAUCGUCCGGG           10886         UUCACCCG G GUCCCC         14189         GCCCCAGG GGGGGAAACUCCCUUCAAGGACAUCGUCCGGG           10884         UUCAGCCG G GUCCCG         14189         GCCCCAGG GGGGGAAACUCCCUUCAAGGACAUCGUCCGGG           10884         UUCAGCCG G GGUCCCG         14189         GCCCCAGG GGGGGAAACUCCCUUCAAGGACAUCGUCCGGG           10884         UUCAGCCG G GGGCUGC         14199         GCCCCGGC GGGGGGAAACUCCCUUCAAGGACAUCGUCCGGG           10823         NAACCGG G GGUCCC         14199         GCCCCGGC GGGGGGAAACUCCCUUCAAGGACAUCGUCCGGG           10824         UCACCGC G GGGCGC         GGAGACCC         GGAGACCC         GGAGACCC           10825         AAACCGG G GGUCCC         14193         GCGCCCGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           10726         UUCACCCG GGGGCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         10714         GCGACCCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           10727         CCAUACCG G GGCCCG GGAGGACACCCCUUCAAGGACAUCGUCCGGG	┝	912	O	14182		35917
10897   URGIGGANC G GGGUCUCCA   11184   GGAGGAAACUCCCUUCAAGGGACAUCGUCCGGG GUGGACACG G GGUCUCCAA G GGGCGCGGG G GGGGAAACUCCCUUCAAGGACAUCGUCCGGG GUGGACACG G GGUCUCCAA G GGGGAAACUCCCUUCAAGGACAUCGUCCGGG GUGGACACG G GGUCCCCG G GCGCGCGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAGGAAACUCCCCUUCAAGACAUCGUCCGGG GAGGAAACUCCCCUUCAACGACACAUCGGC GAGGAAACACCCCUUCAACGACACACACACACAACAACAACAACAACAACAAC	┢	902	O	14183	1 .	35918
10896         GUGGCACG G GGUCUCCA         14186         UGGAGACC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           10895         UGGAGCACG G GUCUCCCC         14186         GUGGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           10846         CUCCCCCU         G ACCUACCC         14186         GUGGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           10846         UUCAGUC         G ACCUACCC         14188         GGCCCAGC         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           10847         UCAGGCC         G GGUCUCC         14191         GCACGGC         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           10843         UCAGGCC         G GGUCUCC         14191         GCACGGC         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           10823         UAAACCGG         G GGUCUCC         14192         AGGAGACC         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           10824         UCAGCCC         G GGUCUCC         14192         AGGAGAAC         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           10790         UCGCCCV         G GGUCUCC         14192         AGGAGAAC         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           10773         AAACCGG         G GGCCCCAG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         GGCCCCGGG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           10773         AUGACCC         GGAGGAAACUCCCCUUCAAGGACAUCGUCCGGG         GGAGGACCG         GGAGGAAACUCCCCUUCAAGGACAUCGUCC	╁╴	897	0	14184	ı	35919
10895   UGGCACGG G GUTUCCAC   14186   CUGGAGGAAACUCCCUUCAAGGACAUCGUCCGGG C GUTUCCCC G ACCUACAG G GAGGAAACUCCCUUCAAGGACAUCGUCCGGGG L 10866   UUCAGGUC G ACCUACAG G GAGGAAACUCCCUUCAAGGACAUCGUCCGGGG L 10844   GUCAGGUC G GACGGGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGGG L 10843   UCAGGCC G GAGGAAACUCCCUUCAAGGACAUCGUCCGGGG L 10823   UCAGGCC G GGAGGAAACUCCCUUCAAGGACAUCGUCCGGGG L 10823   UCAGGCC G GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG L 10823   UCAGGCC G GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG L 10823   UAACCGC G GGUCUCC L 14192   GGAGACC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG L 10923   AAACCGC G GGUCUCC L 14193   GGAGGAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG L 10794   AAACCGC G GGUCUCC G GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG L 10774   CAUNACC G GGCCUAGC G GAGGAAACUCCCUUCAAGGACAUCGUCCGGG L 10774   CAUNACCG G GGCCUAGC G GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG L 10774   CAUNACCG G GGCCUAGG G GAGGAAACUCCCUUCAAGGACAUCGUCCGGG L 10774   CAUNACCG G GGCCUAGG G GAGGAAACUCCCUUCAAGGACAUCGUCCGGG L 10774   CAUNACCG G GGCCUAGG G GCCCGCG G GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG L 10774   CAUNACCG G GGCCUAGG G GCCCGCG G GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG L 10775   CCCUAGC G GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG L 10774   CCCUAGC G GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG L 10756   GGCCGCGG G GGCCGGG G GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG L 10756   GGCCGCGG G GGCGGGG G GAGGGAAACUCCCUUCAAGGACAUCGGCCGGG L 10756   GGCCGCGG G GGCCGGG G GGCGGGG G GGCGGGG G GGCGGGG G GGCGGGG G G	╆	968	Ø	14185		35920
10866	╁╴	895	O	14186		35921
10848   UUCAGUCA G GUUGGGCC   14188   GGCCCAGC GGAGGAAACUCCCUUCAAGGACAUCGUCGGG   10844   GUCAGGCG G GGCGGGCG GGAGGAAACUCCCUUCAAGGACAUCGUCGGGG   10823   UAAACGCG G GGCGGGCC   14191   GGACGGCG GGAGGAAACUCCCUUCAAGGACAUCGUCGGGG   10823   UAAACGCG G GGGCGCGCC   14192   GGACGGCG GGAGGAAACUCCCUUCAAGGACAUCGUCGGGG   10821   UAAACGCG G GGGCGCCC   14192   GGAGGACC GGAGGAAACUCCCUUCAAGGACAUCGUCGGGG   10822   AAACGCGG G GGCCCCC   14192   GGAGGACC GGAGGAAACUCCCUUCAAGGACAUCGUCGGGG   10821   AAACGCG G GGCCCCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   10773   CAUUAACG G GGCCCCG G GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   10773   CAUUAACG G GGCCCGGG   14195   CCCUAGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   10773   CAUUAACG G GGCCCGGG   14195   CCCUAGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   10774   CCAUUAAC G GGCCGCG   14195   CCCUAGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   10773   CAUUAACG G GGCCGCG   14195   CCCUAGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   10773   CAUUAACG G GGCCGCG   14196   CCCUAGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   10773   CAUCACGC G GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   10756   GGCGCGUG G GGCGCGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   10756   GCCGCGUG G GGCGCGG GGAGGGAAACUCCCUUCAAGGACAUCGUCCGGG   10757   CCCGCGGG G GGCGCGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   10757   CCCGCGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   10757   CCCGCGGG GGGGGAAACUCCCUUCAAGGACAUCGUCCGGG   10757   CCCGCGGG GGGGGAAACUCCCUUCAAGGACAUCGUCCGGG   10757   CCCCGCGG GGGGGAAACUCCCUUCAAGGACAUCGUCCGGG   10750   CCCCGCGG GGGGGAAACUCCCUUCAAGGACAUCGUCCGGG   10751   CCCCCCGG GGGGGAAACUCCCUUCAAGGACAUCGUCCGGG   10751   CCCCCCGG GGGGGAAACUCCCUUCAAGGACAUCGUCCGGG   10751   CCCCCCGG GGGGGAAACUCCCUUCAAGGACAUCGUCCGGG   10751   CCCCCCCGG GGGGGAAACUCCCUUCAAGGACAUCGUCCGGG   10751   CCCCCCCGG GGGGGAAACUCCCUUCAAGGACAUCGUCCGGG   10751   CCCCCCGG GGGGGAAACUCCCUUCAAGGACAUCGUCCGGG   10751   CCCCCCGG GGGGGAAACCCCCUUCAAGGACAUCGUCCGGG   10751   CCCCCCGG GGGGGGAAACCCCCUUCAAGGACAUCGUCCGGG   10751   CCCCCCGG GGGGGGAAACCCCCCUUCAAGGACAUCGGCGGG   10751   CCCCCCGG GGGGGGGGGGGGGGGGGGGGGGGGGGG	H	998	O	14187		35922
10844   GUCAGGCU G GGCCGUGC   14189   GCACGGCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   10843   UVAGGCUG G GGCCGUGCA   14191   GGAGACC GGAGGAAAACUCCCUUCAAGGACAUCGUCCGGGG   10822   AAACCGCG G GGGUCUCC   14192   GGAGACC GGAGGAAAACUCCCUUCAAGGACAUCGUCCGGGG   10822   AAACCGCG G GGGUCUCC   14192   AGGAGACC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGGG   10821   AACCGCGG G GGUCUCC   14192   AGGAGACC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   10790   UUCGCCCU G GGUCUCGG G GGCCGCGG   14194   GUGUUCAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   10773   CAUUACCG G GGCCGCGG   14194   CUCACCGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   10773   CAUUACCG G GGCCGCGG   14195   CCCUAGCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   10767   CAUUACCG G GGCCGCGG   14197   CCCUAGCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   10767   CAUUACCG G GCCGCGGG   14197   CCCUAGCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   10767   CACGCGG G GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   10767   CACGCGG G GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   10768   CACGCGG G GGGGGAAACUCCCUUCAAGGACAUCGUCCGGG   10768   CACGCGG G GGGGGAAACUCCCUUCAAGGACAUCGUCCGGG   10768   CACGCGG G GGGGGAAACUCCCUUCAAGGACAUCGUCCGGG   10768   CACGCGG G GGGGGAAACUCCCUUCAAGGACAUCGUCCGGG   10759   CACGCGG G GGGGGAAACUCCCUUCAAGGACAUCGUCCGGG   10750   CACCGCGG G GGGGGAAACUCCCUUCAAGGACAUCGUCCGGG   10750   CACCGCGG G GGGGGAAACUCCCUUCAAGGACAUCGUCCGGG   10750   CACCGCGG G GGGGGAAACCCCCUUCAAGGACAUCGUCCGGG   10750   CACCGCGG G GGGGGAAACUCCCUUCAAGGACAUCGUCCGGG   10750   CACCGCGG G GGGGGAAACCCCCUUCAAGGACAUCGUCCGGG   10750   CACCGCGG G GGGGGAAACCCCCUUCAAGGACAUCGUCCGGG   10750   CACCGCGG G GGGGGAAACCCCCUUCAAGGACAUCGUCCGGG   10750   CACCGCGG G GGGGGAAACCCCCCUUCAAGGACAUCGUCCGGG   10750   CACCGCGG G GGGGGAAACCCCCCUUCAAGGACAUCGUCCGGG   10750   CACCGCGG G GGGGGGAAACCCCCCUUCAAGGACAUCGCGGG   10750   CACCGCGG G GGGGGGAAACCCC	+-	848	ပ	14188		35923
10843   UCRGGCUG G GCCUGCA   14191   GGAGGAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   10823   UAACCGC G GGUUCCC   14191   GGAGACC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   10821   AACCGCGG GGUUCCC   14193   AGGGAGAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   10821   AACCGCGG GGUUCCC   14194   GUGUUAAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   10773   CCUUACCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   10773   CCUUACC GGACGAAACUCCCUUCAAGGACAUCGUCCGGG   10773   AUUACCG GGACGAAACUCCCUUCAAGGACAUCGUCCGGG   10774   CCAUUACC GGACGAAACUCCCUUCAAGGACAUCGUCCGGG   10774   CCAUUACC GGACGAAACUCCCUUCAAGGACAUCGUCCGGG   10767   CCCUUACC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   10767   CCCUUACC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   10767   CCCGGCGU G GGCGCUG GGAGGAAACUCCCUUCAAGGACACUCGUCCGGG   10767   CCCGGCGU G GGCGCGU G GGCGCGU G GGCGCGU G GGCGCGG GGAGGAAACUCCCUUCAAGGACACUCGUCCGGG   10767   CCCGGCGU G GGCGCUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   10767   CCCGGCGU G GGCGCGU G GGCGCGU G GGCGCGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   10767   CCCGGCGU G GGCGCUG GGGGGAAACUCCCUUCAAGGACAUCGUCCGGG   10768   CCCGCGU G GGCGCUG GGGGGAAACUCCCUUCAAGGACAUCGUCCGGG   10758   CCCCGCGU G GGCGCUG GGGGGAAACUCCCUUCAAGGACAUCGUCCGGG   10750   CCCCGCGU G GGCGCUG GGGGGAAACUCCCUUCAAGGACAUCGUCCGGG   10750   CCCCCCUCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   10750   CCCCCCCUCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   10750   CCCCCCCCCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   10700   CCCCCCCCCCCCCCCCCCCCCCCCCCCUCCAACGACACCCCCUCCAACGACACCCCCUUCAAGGACAUCGUCCGGG   10661   CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC	┢	844	Ø	14189		35924
10822	┢	843	២	14190	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35925
10822   AAACCGCG G GGUCUCCU   14192   AGGAGAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG G GUCUCCUC   14194   GGAGGACAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG G GUCUCCUC   14194   GGAGGACAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG G GUCUCCC G GUAGGAAACUCCCUUCAAGGACAUCGUCCGGG G GAGGAAACUCCCUUCAAGGACAUCGUCCGGG G GAGGAAACUCCCUUCAAGGACAUCGUCCGGG G GAGGAAACUCCCUUCAAGGACAUCGUCCGGG G GAGGACAACUCCCUUCAAGGACAUCGUCCGGG G GAGGACAACUCCCUUCAAGGACAUCGUCCGGG G GAGGACAACUCCCUUCAAGGACAUCGUCCGGG G GAGGACAACUCCCUUCAAGGACAUCGUCCGGG G GAGGACAACUCCCUUCAAGGACAUCGUCCGGG G GAGGAAACUCCCUUCAAGGACAUCGUCCGGG G GAGGACGAACCCCUUCAAGGACAUCGUCCGGG G GAGGAAACUCCCUUCAAGGACAUCGUCCGGG G GAGGAAACUCCCUUCAAGGACAUCGUCCGGG G GAGGAAACUCCCUUCAAGGACAUCGUCCGGG G GAGGCGUAG G GGCGCGU G GAGCGAAC GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG G GAGCGCGG G GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG G GAGCGCGG G GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG G GAGCGCGG G GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG G GAGCGCGG G GAGCGAAACUCCCUUCAAGGACAUCGUCCGGG G GACCGUG G GAGCGCGG G GAGCGAAACUCCCUUCAAGGACAUCGUCCGGG G GACCCUAG G GACCCUAG G GAGCGAAACUCCCUUCAAGGACAUCGUCCGGG G GACCCUAG G GACCCACG G GACGAAACCCCCUUCAAGGACACCCCCGGG G GACCCCCCCCCC	┪	823	Ø	14191	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35926
10821	┝	822	O	14192		35927
10790   UUCGCCCU G GUUNACHC   14194   GUGGUAAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGGGAACUCCCUUCAAGGACAUCGUCCGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGGCAACUCGCUCCCUUCAAGGACAUCGUCCGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGGAAACUCCCUUCAAGGACAACCGGGAGAACCACCCCUUCAAGGACAACCGGGAGAACCACCCCUUCAAGGACAACCGGGAGAACCACCCCCCCC	卜	821	U	14193		35928
10774   CCAUUACC G GGGCUAGG   14195   CCCUAGCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   10773   CAUUACCG G GGCGCGUG   14196   CCCUAGCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   10772   AUUACCGG G GGCGCGUG   14199   ACGCGGGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   10766   GGGGCGUU G GGCGCGUU   14199   ACGCGGGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   10766   GGGGCGUU G GGCGCGUU G GCGCGUU G GGCGCGUU G GCGCGUU G GGCGCGUU G GGCGCGUU G GGCGCGUU G GCGCGUU G GCGCGUU G GCGCCGUU G GCGCCCUU G GCCCUU G GCGCCCUU G GCGCCCUU G GCGCCCUU G GCGCCCUU G GCCCUU G GCCCCUU G GCCCCUU G GCCCUU G GCCCUU G GCCCUU G GCCCUU G GCCCUU G GCCCCUU GCCCUU CACCUU CACCUU G GCCCCUU G GCCCC	-	790	ဗ	14194		35929
10772   CAUUNACCG G GGCUNGGG   14196   CCCUNAGCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG     10772   AUUNACCGG G GCUNGGGC   14197   GCCCUNAGCGAAACUCCCUUCAAGGACAUCGUCCGGG     10767   CGGGGCUNG G GCCGCGUG   14199   CACGCGCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG     10768   GGGCGUNG G GCCGUNGG   14201   CCAACGCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG     10750   GCCGCGUG G GGCGUNGG   14201   CCAACGCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG     10751   GCCGCGUG G GGCGUNGG   14201   CCAACGCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG     10750   GGGCGUUGG G GCGUNGG   14202   ACCAACGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG     10751   GCCGCGUG G GGCGUUGG   14203   AGGCAAAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG     10751   GCCCCCUG G GGCCUNG   14203   AGGCAAAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG     10751   UCCCCCC G GGGCGAAAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG     10751   UCCCCCCG G GGCGCAUNG   14204   AGGCCAAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG     10752   GCCCCCUG G GGCCUNG   14204   AGGCCAAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG     10753   GCCCCCCG G GCCCUNG G GCCCUNG   GAGCCAAAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG     10663   CCUCCUG G GCCCUNG   14204   AGGCCAAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG     10664   CCUCCCG G GCCCUNG G GCCCUNG   GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG     10665   CCUCCUG G GCCCUNG   14204   AGGCCAAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG     10666   CCUCCCG G GCCCUNG   14210   UCCAAAGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG     10667   UGACAUU G GCCUUNGA   14210   UCCAAAGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG     10668   CGUCCCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG     10669   CGUCCCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG     10661   UGACCUUCA   ACAUUGG G GCCUNGA   GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG     10662   UGACCUUCA   ACAUUGG G GCCUNGA   GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG     10663   UGACCUUCA   GGCCUNGA   GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG     10664   CGCCUUG G GCCUNGA   14211   GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG     10670   UGACCUUCA   GGCCUNGA   GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG     10670   UGACCUUCA   GGCCUNGA   GGCCUCGGG GGAGGAAACUCCCUUCAAGGACAUCGUCGGG     10670   UGACCUUCA	$\vdash$	774	Ö	14195	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35930
10772         AUVACCGG G GCUAGGGC         GCCCUAGC GGAGGAACUCCCUUCAAGGACAUCGUCCGGG           10767         CGGGGCUA G GCCGCGU         14198         ACGCGGC         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           10766         GGGGCUA G GCCGCGU         14199         CACGCGGC         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           10756         GCGCGUG         G GCGCUUG         14200         CCAACGCC         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           10756         CCGCGUG         G GCGUUGG         14201         CCAACGCC         GGAGGGAAACC         GGAGGGAACC           10756         CCGCGUG         G GCGUUGG         G GCGUUGG         GCGUUCCCUCCUCCUCCAGGACAUCCCUUCAAGGACAUCGUCCCGGG           10720         CCGCGUG         G GGCACUAAC         GGAGGGAAACC         GGAGGGAAACCGCCUUCAAGGACAUCCCUCCAGGG           10721         UCCUCCUG         G GGCACUA         14204         ACGAGGC         GGAGGGAAACCCCCUUCAAGGACAUCCUCCGGG           10721         UCCUCCUG         G GCACUAU         14204         AUAGUGCC         GGAGGGAAACUCCCUUCAAGGACAUCGUCCCGGG           10721         UCCUCCUG         G GCACUAU         14205         AUAGUGCC         GGAGGGAAACUCCCUUCAAGGACAUCGUCCCGGG           10721         UCCUCCUG         G GCACUAU         14206         AUAGGGCC         GGAGGAAAC         GGAGGAACC         GCCCCGGG <td> -</td> <td>773</td> <td>ซ</td> <td>14196</td> <td>GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG</td> <td>35931</td>	-	773	ซ	14196	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35931
10767         CGGGGCUA G GGCGCGU         14198         ACGCGGC         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           10766         GGGGCUAG         G GCGCGUG         14199         CACGCGG         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           10758         GGCCGCGU         G GGCGUUG         1420         CAACGCC         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           10757         GCCGCGU         G GGCGUUGG         1420         CCAACGC         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           10756         CCGCGUG         G GGCGUUGG         1420         CCAACGC         GGAGGAAACUCCCUUCAAGGACAUCCUCCGGG           10750         GCGCGUG         G GGCACUAU         1420         ACCAACGC         GGAGGAAACUCCCUUCAAGGACAUCCUCCGGG           10721         UCCUCCUG         G GGCACUAU         1420         ACAACGC         GGAGGAAACUCCCUUCAAGGACAUCCUCCGGG           10721         UCCUCCUG         G GGCACUAU         1420         AUAGGCAAC         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           10722         GUCCCCCG         GGGGGAAACUCCCUUCAAGGACAUCGUCCGGG         1070         AUAGGCACG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           10720         GUCCCCCG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         1420         AUGCCACG         GGAGGGAAACUCCCUUCAAGGACAUCGUCCGGG           1062         GCACUAUCA         1420	╁╴	772	Ø	14197	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35932
10766         GGGGCUAG         G CCGCGGG         CAGGCGGC         GGAGGAAACUCCCUUCAAGGACAUCGUCCGG           10758         GGCCGCGU         G GGGUUGG         14200         CAACGCC         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           10757         GCCGCGUG         G GGGUUGG         14201         CCAACGC         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           10756         CCGCGUGG         G GGGUUGG         14202         ACCAACGC         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           10750         GGGGCGUU         GUUGGCC         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           10721         UCCUCCU         G GGCACUA         14203         AGGCAAC         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           10720         GCCUCCUG         G GGCACUA         14203         AGGCAAAC         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           10721         UCCUCCUG         G GCACUAUC         14203         AGGCAAAC         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           10720         CCUCCUG         G GCACUAUC         14204         AGGCAAAC         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           10720         CCUCCUG         G GCACUAUC         14204         AGUGCAGC         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           10623         CCUCCUG         G GCUUGGC         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         GCCUCCGG         GGAGGACACG		767	O	14198		35933
10758         GECCGCGU G GGGCGUUG         14200         CAACGCCC         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           10757         GCCGCGUG G GGCGUUGG         14201         CCAACGCC         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           10756         CCGCGUGG G GGGUUGGU         14202         ACCAACGC         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           10750         GGGGCGUU G GUUGGCU         14203         AGGCAAAC         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           10721         GUCCUCCU G GGGCACUA         14204         UAGUGCC         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           10722         GUCCUCCU G GGCACUA         14204         UAGUGCC         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           10720         CCUCCUG G GCACUAU         14204         UAGUGCAG         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           10720         CCUCCUG G GCACUAU         14204         UAGUGCAGU         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           10720         CCUCCUG G GCACUAU         14207         AGUGCAGG         GGAGGGAAACUCCCUUCAAGGACAUCGUCGGG           10692         UCUCCGCA         GACUUGAACUC         GGAGGGAAACUCCCUUCAAGGACAUCGUCGGG           10693         UCUCCGCA         GAGGGAAACUCCCUUCAAGGACAUCGUCGGG           10694         UCUCCGCA         GAGGGGAAACUCCCUUCAAGGACAUCGUCGGG           10695         UCUCCGCA         GAGGGGA	┢	99/	O	14199	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35934
10757         GCCGCGUG G GGCGUUGG         14201         CCRACGCC GGAGGAAACUCCAUCAAGGACAUCGUCGGG           10756         CCGCGUGG G GCGUUGGU         14202         ACCAACGC GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           10750         GGGGCGUU G GUUGGCU         14203         AGGCAAAC         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           10721         UCCUCCUG G GGCACUA         14204         UAGUGCC         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           10721         UCCUCCUG G GGCACUAU         14204         UAGUGCC         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           10720         CCUCCUG G GCACUAU         14204         AUAGUGCC         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           10708         CCUCCUG G GCACUAU         14206         GAUGGAAACUCCCUUCAAGGACAUCGUCGGG           10673         CCUCCUG G GCACUAU         14207         AGUGCAAACU GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           10673         CCUCCUGC G GCACUAU         14207         AGUCCAACU GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           10673         CCUACCCCU         GACUUGAA         14209         UGUCAAGG         GAGGGAAACUCCCUUCAAGGACAUCGUCGGG           10663         UCUCCCCA         AGUUGACA         14210         UGUCAACU         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           10664         CCUACAUG         GCUUUGAA         14210         UGUCAACUC         UCCCAAUGA	╁╴	758	O	14200	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35935
10756         CCGCGUGG G GCGUUGGU         14202         ACCAACGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           10750         GGGGCGUU G GUUGCCU         14203         AGGCAAAC GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           10722         GUCCUCCU G GGGCACUA         14204         UAGUGCC         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           10721         UCCUCCUG         G GGCACUAU         14205         AUAGUGCC         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           10720         CCUCCUGG         G GCACUAU         14205         AUAGUGCC         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           10720         CCUCCUGG         G GCACUAUC         14206         GAUGGGG         GGCACUAUC           10692         UCUCCGCA         AGUGCAGU         GAGGGAAACUCCCUUCAAGGACAUCGUCGGG           10693         UCUCCGCA         AGUGCAGU         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           10663         UCUCCGCA         AGUGCAGCA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           10664         UCUCCGCA         AGUGCAGCA         GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG           10665         UCUCCGCA         AGUGCAGCA         GAGGGACACCCUUCAAGGACAUCGUCCGGG           10666         UCUCCGCA         AGUGCAGCA         GAGGGACAACCCCUUCAAGGACAUCGUCCGGG           10667         UCUCCGCCA         AGUGCACA         GAGGCACAAACCCCUUCAAGGACACACAC	┢	757	ტ	14201	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35936
10750         GGGGCGUU G GUUUGCCU         14203         AGGCAAAC         GGAGGAAACUCCUUCAAGGACAUCGUCCGGG           10722         GUCCUCCU G GGGCACUA         14204         UAGUGCC         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           10721         UCCUCCUG G GGCACUAUC         14205         AUAGUGCC         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           10720         CCUCCUGG G GCACUAUC         14206         GAUAGUGC         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           10692         UCUCCGCA         G AGUAGCAC         14207         AGUGCAGU         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           10693         UCUCCGCA         G AGUAGCAC         14208         GGGCAGUAACUCCCUUCAAGGACAUCGUCCGGG           10663         UCUCCGCA         G AGUAGCAC         14209         UGUCCAGG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           10663         UCUCCGCA         G AGUAGCAC         14209         UGUCCAGG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           10664         UCUCCGCA         G AGUAGCAC         14210         UGUCCAAUG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           10665         UCUCCCGCA         G ACUUGAA         14211         UCAAAGCC         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           10661         UCACAUUGA         G GUUUGAA         14211         UCAAAGCC         GGAGGGAAACUCCCUUCAAGGACAUCGUCCGGG	┢	756	ರ	14202	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35937
10722   GUCCUCCU G GGGCACUA   14204   UAGUGCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAUCCUCCU G GGCACUAUC   14205   AUAGUGCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAUCCACUCCUCCAGGACACACACACACACACACACACAC	$\vdash$	750	O	14203		35938
10721   UCCUCCUG G GGRACUAU   14205   AUAGUGCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAUGCACUGG G GCACUAUC   14206   GAUAGUGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAUGCAGU GAUACGAC   14207   AGUGCAGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUCCGCG G GUCCGCC G AGUGCAC GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG GOGGGACAUCGUCCGGG GOGGGACAUCGUCCGGG GOGGGACAUCGUCCGGG GOGGGACAUCGUCCGGG GOGGGAAACUCCCUUCAAGGACAUCGUCCGGG GOGGGAAACUCCCUUCAAGGACAUCGUCCGGG GOGGGAAACUCCCUUCAAGGACAUCGUCCGGG GOGGGAAACUCCCUUCAAGGACAUCGUCCGGG GOGGCAAUG G GCUUGAAA   14210   UCAAAGCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GOGGCUU G AAGUUAAA   14211   UCAAAGCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GOGGCUU G AAGUUAAA   14211   UCAAAGCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GOGGCUU G AAGUUACA   14212   UGUAACU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GOGGCUU G AAGUUACG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GOAGGAAACUCCCUUCAAGGACAUCGUCCGGG GOGGCUU G AACUGUG G GGUCCUC GAAGGACC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GOGCCUC   14212   GAGGACC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GOGGGAAACUCCCUUCAAGGACAUCGUCCGGG GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAAGGAAACUCCCUUCAAGGACCUCCGGG GAAGGAAACUCCCUUCAAGGACCCCUUCAAGGACCCCUUCAAGGACCCCUUCAAGGACCCCUUCAAGGACCCCUUCAAGGACCCCUUCAAGGACCCCUUCCAGG GAAGGAAACUCCCUUCCAAGGACCCCUUCAAGGACCCCUUCAAGGACCCCUUCAAGGACCCCUUCCAGG GAAGGAAACUCCCUUCCAAGGACCCCUUCCAGG GAAGGAAACUCCCUUCAAGGACCCCUUCAAGGACCCCUUCAAGGACCCCUUCAAGGACCCCUUCCAGG GAAGCAAACUCCUCCCUUCAAGGACCCCUUCAAGGACCCCUUCAAGGACCCCUUCAAGGACCCCUUCAAGGACCCCUUCAAGGACCCUUCAAGGACCCUUCAAGGACCCUUCAAGGACCAUCCGGG GAAGCAAACUCCUUCAAGGACCCUUCAAGGACCAUCCACCCUUCAAGCACACCCUUCAACACACAC	H	722	ຍ	14204	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35939
10720         CCUCCUGG G GCACUAUC         14206         GAUAGUGC GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           10708         CUAUCGCA G ACUGCACU         14207         AGUGCAGU GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           10692         UCUCCGCA G AGUAGCAC         14209         UGUCCAGAC         GAGGAAACUCCCUUCAAGGACAUCGUCGGG           10668         CGUGGACA         14219         UGUCAGAC         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           10668         CGUGGACA         14219         UGUCAGAC         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           10669         CGUGGACA         14210         UCCAAUGG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           10669         CGUGACAUU         GACUUGAA         14211         UCAAAGCC         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           10661         UGACAUUG         GGCUUGAA         14211         UCAAAGCC         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           10661         UGACAUUG         GGCUUGAA         14211         UCAAAGCC         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           10662         CUGACAUUG         GGUCCUC         14212         UCAAAGCC         GGAGGAAACUCCUUCAAGGACAUCGUCCGGG           10663         CAACAUUG         GGUCCUC         14213         UCAAAGCC         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           10639         AACAUGUG         GGUCCUC	┢╾	721	O	14205	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35940
10708         CUAUCGCA G ACUGCACU         14207         AGUGCAGU GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           10692         UCUCCGCA G AGUAGCAC         14208         GUGCUACU GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           10673         CGUAGCAU G GUCUGACA         14209         UGUCAGAC GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           10668         CGUGGUU G ACAUUGGG         14210         CCCAAUGU GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           10662         CUGACAUU G GCUUUGAA         14211         UCAAAGCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           10663         CUGACAUU G GCUUUGAA         14212         UCAAAGCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           10664         UGACAUUG G GCUUUGAA         14212         UCAAAGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           10665         UGACAUUG G GCUUCGC         14213         UGUAACUU GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG           10640         CAACAUGG         14213         UGUAACUU GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG           10640         CAACAUGG         14214         GAGGGACCCUUCAAGGACAUCGUCCGGG           10639         AACAUGUG G GUCCUCC         14214         GAGGGACCCCUUCAAGGACAUCGUCCGGG           10638         ACAUGUG G GUCCUCC         14215         GAGGGACCCCUUCAAGGACAUCGUCCGGGG           10638         ACAUGUG G GUCCUCC         14216         AGGAGGACACCCUUCAAGGACAUCGUCCGGGG           10638 <td> -</td> <td>720</td> <td>ರ</td> <td>14206</td> <td>GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG</td> <td>35941</td>	-	720	ರ	14206	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35941
10692   UCUCCGCA G AGUAGCAC   14208   GUGCUACU GGAGGAAACUCCCUUCAAGGACAUCGUCGGGG     10673   CCUAGCGC G GUCUGACA   14209   UGUCAGAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG     10668   CCUGGUCU G ACAUUGGG   14210   CCCAAUGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG     10662   CUGACAUU G GGCUUUGA   14211   UCAAAGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG     10664   UGACAUUG G GCUUUGA   14212   UUCAAAGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG     10665   UGACAUUG G GCUUUGA   14212   UUCAAAGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG     10666   CAACAUGU G GGUCCUC   14213   UGUAACUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG     10639   AACAUGUG G GGUCCUC   14214   GAGGGAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG     10639   AACAUGUG G GUCCUCC   14215   GGAGGACC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG     10638   ACAUGUG G GUCCUCC   14215   AGGAGGAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG     10638   ACAUGUG G GUCCUCC   14215   AGGAGGAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG     10638   ACAUGUG G GUCCUCC   14215   AGGAGGAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG     10638   ACAUGUG G GUCCUCC   14216   AGGAGGAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG     10638   ACAUGUG G GUCCUCC   AASACGUC GCGC     10638   ACAUGUG G GUCCUCC   AASACGUC GCGC     10638   ACAUGUG G GUCCUCC   AASACGUC CUCCAAGGACAACACACGACACACACACACACACACACAC	╁	708	Ø	14207	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35942
10673   CGURGCGU G GUCUGACA   14209   UGUCAGAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG     10668   CGUGGUCU G ACAUUGGG   14210   UCCAAUGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG     10662   CUGACAUU G GGCUUUGA   14211   UCCAAAGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG     10661   UGACAUU G GCUUUGAA   14212   UUCAAAGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG     10655   UGGCCUUU G AAGUUACA   14213   UGUAACUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG     10640   CAACAUGU G GGUCCUCC   14214   GAGGACCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG     10639   AACAUGUG G GGUCCUCC   14215   GGAGGACC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG     10638   ACAUGUG G GUCCUCCU   14216   AGGAGGAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG     10638   ACAUGUCC G AGACGGUC   14216   AGGAGGAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG     10626   CUCCUUCC G AGACGGUC   14217   AACCGUCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG     10626   CUCCUUCC G AGACGGUC   14217   AACCGUCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG     10626   CUCCUUCC G AGACGGUC   14217   AACCGUCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG     10626   CUCCUUCAAGGACACACGUCCGGG     10626   CUCCUUCC G AGACGGUC   14217   AACCGUCU GGAGGAAACUCCCUUCAAGGACACACGCCGGG     10626   CUCCUUCC G AGACGGUC   14217   AACCGUCU GGAGGAAACUCCCUUCAAGGACACACGCCGGG     10626   CUCCUUCAAGGACCACGUCCGGG     10626   CUCCUUCC G AGACGGUC   14217   AACCGUCU GGAGGAAACUCCCUUCAAGGACCAUCGUCCGGG     10626   CUCCUUCC G AGACGGUC   14217   AACCGUCU GGAGGAAACUCCCUUCAAGGACCAUCGUCCGGG     10626   CUCCUUCAAGGACCACGUCCCUUCAAGGACACACGACCGGG     10626   CUCCUUCAAGGACCACCCUUCAAGGACCACGGG     10626   CUCCUUCC G AGACGGUC   14217   AACCGUCU GGAGGAAACUCCCUUCAAGGACCACUCGGG     10626   CUCCUUCAAGGACCACCUCCACGGG     10626   CUCCUUCAAGGACCACUCCUCCACGGG     10626   CUCCUUCAAGGACCACCUCCACGGG     10626   CUCCUUCAAGGACCACCCUCCACGGG     10626   CUCCUCCUCCUCCUCCACGGG     10626   CUCCUCCUCCUCCACGGG     10626   CUCCUCCUCCUCCACGGG     10626   CUCCUCCUCCACGGG     10626   CUCCUCCUCCACGGG     10626   CUCCUCCUCCACGGG     10626   CUCCUCCUCCACGGG     10626   CUCCUCCUCACCCCCUCCACGGG     10626   CUCCUCCUCCACGGG     10626   CUCCUCCCUC	┢╾	692	ט	14208	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35943
10668         CGUGGUCU G ACAUUGGG         14210         CCCCAAUGU GGAGGAAACUCCCUUCAAGGACAUCGUCGGGG           10662         CUGACAUU G GGCUUUGA         14211         UCAAAGCC GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           10661         UGACAUUG G GCUUUGAA         14212         UUCAAAGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           10655         UGGGCUUU G AAGUUACA         14213         UGUAACUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           10640         CAACAUGU G GGGCCUCC         14214         GAGGACCC         GGAGGAAAACUCCCUUCAAGGACAUCGUCCGGG           10639         AACAUGUG G GGUCCUCC         14215         GGAGGACC         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           10638         ACAUGUGG G GUCCUCCU         14215         AGGAGGAC         GGAGGGAAACUCCCUUCAAGGACAUCGUCCGGG           10638         ACAUGUCC G AGACGAUC         GAAGGACC         GAAGGACC         GAAGGAACCCUUCAAGGACAUCGUCCGGG           10638         ACAUGUCC G AGACGAUA         AACCGUCU GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG         AACCGUCCUCCUUCAAGGACACAUCGUCCGGG	╌	673	ט	14209	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35944
10662         CUGACAUU G GGCUUUGAA         14211         UCAAAGCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           10661         UGACAUUG G GCUUUGAA         14212         UUCAAAGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           10655         UGGGCUUU G AAGUUACA         14213         UGUAACUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           10640         CAACAUGU G GGGCCUCC         14214         GAGGACCC         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           10639         AACAUGUG G GGUCCUCC         14215         GGAGGACC         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           10638         ACAUGUG G GUCCUCC         14216         AGGAGGAC         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           10638         ACAUGUG G GUCCUCC         14217         AACCGUCU GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG           10626         CUCCUUCC G AGAGGAAACUCCCUUCAAGGACAUCGUCCGGGG         AACCGUCU GAAGGAAACUCCCUUCAAGGACAUCGUCCGGGG	┝	899	O	14210		35945
10661         UGACAUUG G GCUUUGAA         14212         UUCAAAGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           10655         UGGGCUUU G AAGUUACA         14213         UGUAACUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           10640         CAACAUGU G GGGCCUC         14214         GAGGACCC         GGAGGACCC         GGAGGACCC           10639         AACAUGUG G GGUCCUCC         14215         GGAGGACC         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           10638         ACAUGUG G GUCCUCCU         14216         AGGAGGAC         GGAGGGAAACUCCCUUCAAGGACAUCGUCCGGG           10628         CUCCUUCC G AGACGGU         14217         AACCGUCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	┢	662	b	14211	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35946
10655         UGGGCUUU G AAGUUACA         14213         UGUAACUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           10640         CAACAUGU G GGUCCUC         14214         GAGGACCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           10639         AACAUGUG G GGUCCUCC         14215         GGAGGACC         GGAGGAACCCUUCAAGGACAUCGUCCGGG           10638         ACAUGUGG G GUCCUCCU         14216         AGGAGGAC         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           10626         CUCCUUCC G AGACGGU         14217         AACCGUCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	┢	199	o,	14212	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35947
10640         CAACAUGU G GGUCCUC         14214         GAGGACCC GGAGGAAACUCCCUUCAAGGACACACGCGGG           10639         AACAUGUG G GGUCCUCC         14215         GGAGGACC GGAGGAAACUCCCUUCAAGGACACACGCGGG           10638         ACAUGUGG G GUCCUCCU         14216         AGGAGGAC         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           10628         CUCCUUCC G AGACGGU         14217         AACCGUCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	H	655	9	14213	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35948
10639         AACAUGUG G GGUCCUCC         14215         GGAGGACC GGAGGAACUCCCUUCAAGGACAUCGUCCGGG           10638         ACAUGUGG G GUCCUCCU         14216         AGGAGGAC         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           10626         CUCCUUCC G AGACGGU         14217         AACCGUCU         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	-	640	ტ	14214	1 1	35949
10626 CUCCUUCC G AGACGGUU 14217 AACCGUCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	$\vdash$	639	<u>ი</u>	14215	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35950
10626 CUCCUUCC G AGACGGUU 14217 AACCGUCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG		638	ט	14216	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35951
	┪	626	O	14217		35952

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106513   ACCRUMANO G ADDUCAGO I 14229   UNACCICCU GRAGGAAACUCCCUUCAAGGACANCCUCGOGG CONTROL I 14221   UNACCICCU GRAGGAAACUCCCUUCAAGGACANCCUCGOGG CONTROL I 14221   UNACCICCU GRAGGAAACUCCCUUCAAGGACANCCUCCOGG CONTROL I 14221   UNACCICCU GRAGGAAACUCCCUUCAAGGACANCCUCCOGG CONTROL I 14221   ACCICCUT GRAGGAAACUCCCUUCAAGGACANCCUCCOGG CONTROL I 14221   ACCICCUT GRAGGAAACUCCCUUCAAGGACANCCUCCOGG CONTROL I 14221   ACCICCUT GRAGGAAACUCCCUUCAAGGACANCCUCCOGG CONTROL I 14221   ACCICCAC GRAGGAAACUCCCUUCAAGGACANCCUCCOGG CONTROL I 14221   ACCICCAG GRAGGAAACUCCCUUCAAGGACANCCUCCOGG CONTROL I 14231   ACCICCAG GRAGGAAACUCCUCUCAAGGACANCCUCCOGG CONTROL I 14231   ACCICCAG GRAGGAAACUCCUCUCAAGGACANCCUCCUCCAGGACAACCUCCUCAAGGACANCCACCUUCAAGGACANCCACCUCCAGGACAACCCCUCCAGGACAACCCCUCCAGGACAACCCCUCCAGGACAACCCCUCCAGGACAACCCCUCCAGGACAACCCCUCCAGGACAACCCCUCCAGAACAACCACCACACAACAACAACAACAACAACAACA	$\vdash \vdash$	10624	0	14218	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35953
10615   GOUTUGARG G GOUTUGARG I 14221   UTGUARGCC GRAGGARACUCCCUUCAAGGARACUCCOCGOGG GOUTUGARG G GOUTUCAGG G GOUTUGARG G GOOTG G GOUTUGARG G GOOTG G GOOTG G GOUTUGARG G GOOTG G GOOT	┨	10621	ט	14219	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35954
10612   GGUUCURA G GCUUNICAN   1422   JUGUARGC GRAGGARACUCCCUUCAAGGACAUCGUCGGGG COUTOMAGA G GUUCURA G GCUUNCAN   14224   AAGUGAU G GRAGGARACUCCCUUCAAGGACAUCGUCGGGG CUUCAAGGACAUCGUCCGGG CUUCAAGGACAUCCCUUCAAGGACAUCGUCCGGG CUUCAAGGACAUCGUCCGGG CUUCAAGACACCCCUUCAAGGACAUCGUCCGGG CUUCAAGACACCCCCUUCAAGGACAUCGUCCGGG CUUCAAGACACCCCUUCAAGGACAUCGUCCGGG CUUCAAGACACCCCUUCAAGGACAUCGUCCGGG CUUCAAGACACCCCUUCAAGGACAUCGUCCGGG CUUCAAGACACCCCUUCAAGGACAUCGUCCGGG CUUCAAGACACCCCUUCAAGGACAUCGUCCGGG CUUCAAGACACCCCUUCAAGGACAUCGUCCGGG CUUCAAGACACCCCUUCAAGGACAUCGUCCGGG CUUCAAGACACCCCUUCAAGGACAUCGUCCGGG CUUCAAGACACCCCUUCAAGGACAUCGCCCGGG CUUCAAGACACCCCUUCAAGGACAUCGUCCGGG CUUCAAGACACCCCUUCAAGGACAUCGUCCGGG CUUCAAGACACCCCUUCAAGGACAACCCCUUCAAGGACAACCCCUUCAAGGACAACCCCCUUCAAGGACAACCCCUUCAAGGACAACCCCCCCC	Н	10615	ರ	14220	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35955
106612   GUUUCUBAG G GUUMCAU   14223   ANGURABC GRAGGARACUCCCUUCAAGGACAUCGUCGGGG CGUUCAAGGACAUCGUCCGGGG GGUUCAGG GAUCCAGG GAUCCCG GAUCCAGG GAUCCA	_	10613	Ð	14221	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35956
106633   GCUINCANI G ANUCACUTO   14224   GAAGUAAACUCCCUUCAAGGACAUCCCUCGGG   106603   CUUNCANIG G AUCACUCC   14224   GAAGUAACUCCCUUCAAGGACAUCCCUCGGG   106504   CACUUCGG G GCUUGAAG   14225   ACCAAAGC GGAGGAAACUCCCUUCAAGGACAUCCCUCGGG   106567   CACUUCGG G GCUUGAAG   14226   ACCAAAGC GGAGGAAACUCCCUUCAAGGACAUCCGUCGGG   106567   CACUUCGG G GCUUGAAG   14226   CUCCACCC GGAGGAAACUCCCUUCAAGGACAUCCGUCGGG   106567   CUCCCGG G GUUGAACU   14228   CUCCACC GGAGGAAACUCCCUUCAAGGACAUCCGUCGGG   106567   CUCCGGG G GUUGAGUC   14229   CUCCACC GGAGGAAACUCCCUUCAAGGACAUCCGUCGGG   106567   CUCCGGG G GUUGAGUC   14229   CUCCACC GGAGGAAACUCCCUUCAAGGACAUCCGUCGGG   106567   CUCCGGG G GUUGAGUC   14229   CUCCACC GGAGGAAACUCCCUUCAAGGACAUCCGUCGGG   106567   CUCCGGG G GUAGCUC   14229   GACUCCAC GGAGGAAACUCCCUUCAAGGACAUCCGUCGGG   106570   CUCCGGG G GAAGCUC   14229   GACUCCAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   106570   CUCCGGG G GAAGCUC   14229   GACCCCAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   106570   CUCCGGG G GAACUUC   14231   GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG   106570   CUCCGGG G GAACUUC   14231   GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG   106570   CUCCGGG G GAACUUC   14231   GAAGAAGU C GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   106570   CUCCGGG G GAACUUC   14231   GAAGAAGU C GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   106570   CUCCGGG G GAACUUC   14231   GAAGAAGU C GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   106570   ACUUCAG G ACUUCAG   14231   GAAGAAGU C GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   106570   ACUUCAG G ACUUCAG   14231   GAAAACUC G GAGGAAAACUCCCUUCAAGGACAUCGUCCGGG   106570   ACUUCAG G ACUUCAG   14231   GAAAACUC G GAGGAAAACUCCCUUCAAGGACAUCGCGGG   106570   ACUUCAG G AUGAACAC   14231   GAAAACUC G GAGGAAAACUCCCUUCAAGGACAUCGUCCGGG   106570   ACUUCAG G AUGAACAC G GAGGAAAACUCCCUUCAAGGACAUCGUCCGGG   106570   ACUUCAG G AUGAACAC G GAGGAAAACUCCCUUCAAGGACAUCGGGG   106570   ACUUCAG G AUGACAC G GAGGAAACUCCCUUCAAGGACAUCGGGG   106570   ACUUCAG G AUGACAC G GAGGAAAACUCCCUUCAAGGACAUCGGGG   106570   ACUUCAG G GACGAAACCC G GAGGAAAACCCCUUCAAGGACAACCCCCGGG   106570   ACUUCAG G GACGAAACCC G GAGGAAAA	<del> </del>	10612	O	14222		35957
10662   CUUNCANG G AUCHACUG   14224   GAAGUGAN GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   10591   CACUUCGO G GCUUGAGU   14225   CACUAACCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   10567   CACUCCGG G GCUUGAGG GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG   10566   CCUCCUGG G GGUUGAGG   14227   ACUCAACCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   10566   CCUCCUGG G GGUCGAAC   GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG   10554   CACUCGGG G GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG   10554   CACCCGG G GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG   10554   CACCCGG G GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG   10554   CACCGGG G GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG   10557   CACCGGGG G GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG   10557   AACUUCCG G GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG   10557   AACUUCCC G GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG   10558   CACGGGC G GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG   10558   AACUUCCC G ACUUCACG G GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG   10558   AACUUCCC G ACUUCACG G GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG   10558   AACUUCCC G ACUUCACG G ACUUCACG G GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG   10514   AACUUCCC G ACUUCACG G ACUUCACG G ACUUCACG G ACUUCACG G ACUUCACG G ACUUCACG G ACUCACG G ACUUCACG G ACUUCACG G ACUUCACG G ACUCACG G AC	┝	10603	G	14223	ı	35958
10591   CACUUCGC G GCUUNGUU   14225   CUCDAACC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGGG GGAGGAACUCCCUUCAAGGACAUCGUCCGGGG GGAGGAACUCCCUUCAAGGACAUCGUCCGGGG GGAGGAACUCCCUUCAAGGACAUCGUCCGGGG GGAGGAACUCCCUUCAAGGACAUCGUCCGGGG GGAGGAACUCCCUUCAAGGACAUCGUCCGGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGGAAACUCCCUUCAAGACAACCGCGGG GGAGGAAACUCCCUUCAAGACAACCGGCGGGGAGAACACCCCCGGG GGAGGAAACCCCCCCC	┢	10602	ပ	14224		35959
10566   GUCCUCCU G GGGUUGAGO   14226   CUCDADCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   10567   LOCOCCUGG G GGGUAGACCCCUUCAAGGACAUCGUCCGGG   10567   CUCCUCCUG G GGUGGAAACUCCCCUUCAAGGACAUCGUCCGGG   10562   CUGGGGUU G AGUCGCG G 14229   CUGCGACU GGAGGAAACUCCCCUUCAAGGACAUCGUCCGGG   10554   CAGCCCUG G GGGGGAAACUCCCCUUCAAGGACAUCGUCCGGG   10554   CAGCCCCC G GGGGGAAACUCCCCUUCAAGGACAUCGUCCGGG   10527   CUCCGGG G GGGGGAAACUCCCUUCAAGGACAUCGUCCGGG   10527   CUCCGGG G GGGGGAAACUCCCUUCAAGGACAUCGUCCGGG   10523   CAGCGGGG G GAACUUC G GGGGAAACUCCCUUCAAGGACAUCGUCCGGG   10524   CAGGGGGG G GAACUUC G GGGGGAACUC GGGGGAAACUCCCUUCAAGGACAUCGUCCGGG   10524   CAGGGGGGG G GAACUUC G GGGGGAACUC GGGGGAAACUCCCUUCAAGGACAUCGUCCGGG   10524   CAGGGGGGG G GAACUUC G GGGGAAACUCCCUUCAAGGACAUCGUCCGGG   10523   CAGGGGGG G GAACUUC G GGGGGAACUC GGGGGAAACUCCCUUCAAGGACAUCGUCCGGG   10523   CAGGGGGG G GAACUUC G GGGGGAACUC GGGGGAACUC GGGGGAACUC GGGGGAACUC GGGGGAACUC GGGGGAACUC GGGGGAACUC GGGGGAACUCCCCUUCAAGGACAUCGUCCGGG   10533   AACUUCCC G GCCGGGG G GAACUUC G GGGGAACUC GGGGGAACUC GGGGGGAACUC GGGGGGAACUC GGGGGGAACUC GGGGGGAACUC GGGGGGAACUC GGGGGAACUC GGGGGGAACUC GGGGGGAACUC GGGGGAACUC GGGGGAACUC GGGGGGAACUC GGGGGGAACUC GGGGGGGGGG	一	10591	O	14225		35960
105657   UCCUCCUG G GGUUGAGU   14229   ACUCAACC GGAGGAAACUCCCUUCAAGGGACAUCGUCCGGG   10566   COUCCUGG G GUUGAGCAC   14239   GACUCCAAC GGAGGAAACUCCCUUCAAGGGACAUCGUCCGGG   10554   COUCCUGG G GUUGACGC GGAGGAAACUCCCUUCAAGGGACAUCGUCCGGG   10554   CAACUUCC G GUGGGAAACUCCCUUCAAGGGACAUCGUCCGGG   10550   CAACUUCC G GUGGGAAACUCCCUUCAAGGGACAUCGUCCGGG   10550   CAACUUCC G GUGGGAAACUCCCUUCAAGGGACAUCGUCCGGG   10551   CAACUUCC G GUGGGAAACUCCCUUCAAGGGACAUCGUCCGGG   10552   CAGUGGG G GAACUUC   14234   GGAAGUUC GGAGGAAACUCCCUUCAAGGGACAUCGUCCGGG   10552   CAGUGGG G GAACUUC   14234   GGAAGUUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   10552   CAGUGGG G GAACUUC   14234   GGAAGUUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   10552   CAGUGGG G GAACUUC   14234   GGAAGUUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   10552   AACUUCCC   14236   GGAAGUUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   10552   AACUUCCC   14236   GGAAGUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   10552   AACUUCCC   14236   AGUAGAAGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   10517   UCACCCAU G AUUNANA   14235   AGUAGAAGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   10517   UCACCCAU G AUUNANA   14235   AGUAGAAGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   10517   UCACCCAU G AUUNGCUC   14241   AGACCAAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   10517   UCACCCAU G AUUNGCUC   14241   AGACCAAGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   10516   AUUNCCCAU G AUUNGCUC   14245   AAACNA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   10526   AUUNCCCU G AUGUUUC   14245   AAACNA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   10526   ACUUGGUU G AUUNCCU G AUUNCCU G AUGUUCC GAGGGAAACU GGAGGAAACUCCCCUUCAAGGACAUCGUCCGGG   10526   AUUCCCCU G AUGUUCC GAGGGAAACU GGAGGAAACUCCCCUUCAAGGACAUCGUCCGGG   10526   AUUCCCCU G AUGUUCC GAGGGAAACU GGAGGAAACUCCCCUUCAAGGACAUCGUCCGGG   10526   AUCCCCCC GAGGGAAACU GGAGGAAACUCCCCUUCAAGGACAUCGUCCGGG   10526   AUCCCCCC GAGGGAAACU GGAGGAAACUCCCCUUCAAGGACAUCGUCCGGG   10526   AUCCCCCC GAGGGAAACU GGAGGAAACUCCCCUUCAAGGACAUCGUCCGGG   10526   AUCCCCCC GAGGGAAACU GGAGGAAACU GGAGGAAACUCCCCCUUCAAGGACAUCGCCCCGG   10526   AUCCCCCC GAGGGAGAACU GGAGGAAACU GGAGGAAACU GGAGGAA	✝	10568	O	14226	1	35961
10566   CCUCCUGG G GUUGAGUC   14228   CACUCAAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   10562   CUGGGGGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   10553   GGAGGCGC G GAGGGAAACUCCCCUUCAAGGACAUCGUCCGGG   10523   GAGCGCGC G GAGGGAAACUCCCCUUCAAGGACAUCGUCCGGG   10524   GAGCGCGC G GAGGGAAACUCCCCUUCAAGGACAUCGUCCGGG   10524   CCGGGGGC G GAACUUC   14235   GGAGGUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   10524   CCGGGGCG G GAACUUC   14235   GGAGGUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   10523   GAGCGCG G GAACUUC G GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG   10523   GAGCGCG G GAACUUC G GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG   10523   GAGCGCG G GAACUUC G GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG   10523   GACUCCC G GCAGGAAACUCCCUUCAAGGACAUCGUCCGGG   10523   GAGCGCG G GACGGAAACUCCCUUCAAGGACAUCGUCCGGG   10533   AACUCCC G GCCGCG G ACUUCAC G ACUCCC G ACUCAC G ACUCAC G ACUCCC G ACUCAC G ACUCCC G ACUCAC G ACCAC G ACUCAC G ACCAC G A	╁	10567	O	14227		35962
10562   CUGGGGUU G AGUCGCAG   14229   CUGCGACU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   10554   GAROCCCG G GAGGAAACUCCCUUCAAGGACAUCGUCCGGG   10524   CGAGCGAC   14230   CGCGCGGG GAGGAAACUCCCUUCAAGGACAUCGUCCGGG   10524   CGAGCGCG GGAGGAAACUCCCCUUCAAGGACAUCGUCCGGG   10524   CGAGCGCG GGAGGAAACUCCCCUUCAAGGACAUCGUCCGGG   10524   CCGGGGG G GAACUUC   14235   GGAGGUUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   10524   CCGGGGG G GAACUUC   14235   GGAAGUUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   10523   CGGGGGG G AACUUCCC   14235   GGAAGUUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   10531   AACUUCCC G GCCGGGC G AACUUCCC   14235   GGAAGUUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   10538   AACUUCCC G GCCGGGC G AACUUCCC   14235   GGGAAAACUCCCUUCAAGGACAUCGUCCGGG   10539   AACUUCCC G GCCGGCC G AACUUCCC G GAGGAAACUCCCUUCAAGGACAUCGUCCGGG   10314   UCUUMGU G AUUAAAUG   14237   GAGAAAGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   10314   UCUCCGAU G AUUACUCC G AACUUCUC   14239   GAGAAAGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   10314   UCUCCGAU G AACUUCUC G AACUUCUC G AACUUCAC G AACUUCUC G AACUUCAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   10314   UCUCCGAU G AACUUCUC G AACUUCAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   10314   UCUCCGAU G AAUUCCC G AACUUCAU GGAGGAAACUCCCUUCAAAGGACAUCGUCCGGG   10314   UCUCCGAU G AAUUCCC G AACUUCAU GGAGGAAAACUCCCUUCAAGGACAUCGUCCGGG   10314   UCUCCGAU G AAUUCCC G AACGAC G GAGGAAAACUCCCUUCAAGGACAUCGUCCGGG   10314   UCUCCGAU G AUUGCUC G AUGAUUC G GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG   10314   UCUCCGAU G AUUGCUC G AACGAC G GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG   10314   UCUCCGAU G AUUGCUC G AACGAC G GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG   10316   AACCACC G GAGGAAACUCCCUUCAAGGACAUCGUCCGGG   10316   AACACCC G GAGGGAAACCCCCUUCAAGGACAUCGUCCGGG   10316   AACACAC G GAGGGAAACCCCCUUCAAGGACAUCGUCCGGG   10316   AACACAC G GAGGGAAACCCCCUUCAAGGACAUCGUCCGGG   10316   AACACAC G GAGGGAAACCCCCCUUCAAGGACAUCGUCCGGG   10316   AACACAC G GAGGGAAACCCCCCUUCAAGGACAUCGUCCGGG   10316   AACACAC G GAGGGAAACCCCCCUUCAAGGACAUCGUCCGGG   10316   AACACAC G GAGGGAAACCCCCCUUCAAGGACAUCGUCCGGG   10316   AACACAC G GAG	┢	10566	O	14228		35963
10554   GAGUCGCA G GOAGCACC   14230   GGUGCUGC GGAGGAAACUCCCUUCAAGGACAUCGUCGGG   10530   CAACUUCC G GUGGGAACUCCCUUCAAGGACAUCGUCGGG   10524   CCCGGCCAC GGAGGAAACUCCCUUCAAGGACAUCGUCGGG   10524   CCGGUGGC G GAACUUC   14233   GAAGUUCC GGAGGAAACUCCCUUCAAGGACAUCGUCGGG   10524   CCGGUGGC G GAACUUC   14234   GGAAGUUC GGAGGAAACUCCCUUCAAGGACAUCGUCGGG   10523   GGUGGCG G GAACUUC   14234   GGAAGUUC GGAGGAAACUCCCUUCAAGGACAUCGUCGGG   10523   GAUGGCG G GAACUUC   14234   GGAAGUUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   10523   GAUGGCG G ACUUCAC G GCCGACCU   14234   GGAAGAGUU  GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   10513   AACUUCCC G ACUUCAC G ACUCCCC G ACUCCC G ACUCCCC G ACUCCC G ACUCCCC G ACUCCC G ACUCCCC G ACUCCC G ACUCCCC G ACUCCC G ACUCCC G ACUCCC G ACUCCC G ACUCCC G ACUCCCC G ACUCCCC G ACUCCCC G ACUCCCC	一	10562	O	14229		35964
10530	-	10554	Ö	14230		35965
10527   CUUCCGGU G GCGGGAAC   14234   GUUCCCGC GGAGGAAACUCCCUUCAAGGACAUCGUCGGG GGAACUUC GGAGGGG GGAACUUCAAGGACAUCGUCGGGG GGAACUUC GGAGGGAAACUCCCUUCAAGGACAUCGUCGGGG GGAACUUC GGGGGGG GGAACUUCAAGGACAUCGUCGGGG GGAACUUC GGGGGGAACUCCCUUCAAGGACAUCGUCGGGG GGAACUUCC GGGGGGAACUCCCUUCAAGGACAUCGUCGGGG GGGAACUCC GGGGGGAACUCCCUUCAAGGACAUCGUCGGGG L0513   AACUUCCC G GCCUGACG   14236   AGUCAGGC GGAGGAAACUCCCUUCAAGGACAUCGUCGGGG L05140   ACUUCAC G GCCUGACG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG L0314   ACUUCAC G ACUUCAC G ACUUCAAG GAACUCCCUUCAAGGACAUCGUCCGGG L0314   ACUUCAC G AUGANUC G AUGAUUC G AUGANUC G ACAGGAAACUCCCUUCAAGGACAUCGUCCGGG L0314   ACUCCGAG GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG L0314   ACUCCGAG G AUGAUUC G AUGANUC G AUGACAAG GAAGGAAACUCCCUUCAAGGACACUCGUCGGG L0314   ACUCCGAG G AUGAUUC G AUGACAAG GAAGGAAACUCCCUUCAAGGACACUCGUCGGG L0315   ACUCCGAG G AUGAUUC G AUGACAAG GAAGGAAACUCCCUUCAAGGACACUCGGGG L0316   ACUCCGAG G AUGACAC G GAAGGAAACUCCCUUCAAGGACACUCGUCGGG L0216   ACUCCCGAG G AUGACAC G GAAGGAAACUCCCUUCAAGGACACUCGUCGGG L0216   ACCCACC G GAAGGAAACUCCCUUCAAGGACACUCGUCCGGG L0216   ACCCACC G GAAGGAAACUCCCUUCAAGGACACUCGUCCGGG L0216   ACCCACC G GAAGGAAACUCCCUUCAAGGACACUCGUCCGGG L0216   ACCCACC G GAAGGAAACUCCCUUCAAGGACACUCGUCCGGG GAAGGAAACUCCCUUCAAGGACACUCGUCCGGG L0216   ACCACC G GAAGGAAACUCCCUUCAAGGACACUCGUCCGGG L0216   ACCACC GAAGGAAACUCCCUUCAAGGACACUCGUCCGGG GAAGGAAACUCCCUUCAAGGACACUCGUCCGGG GCCACC G GAAGGAAACUCCCUUCAAGGACACUCGUCCGGG GCCACC G GAAGGAAACUCCCUUCAAGGACACUCGGGG GCCCACC GAAGGAAACUCCCUUCAAGGACACUCGGGG GCCACC GAAGGAAACUCCCUUCAAGGACACUCGGGG GCCACC GAAGGAAACUCCCUUCAAGGACACUCGGGG GCCACC GAAGGAAACUCCCUUCAAGGACACUCGGGG GCCACC GAAGGAAACUCCCUUCAAGGACACUCGGGGGGGGGG		10530	O	14231		35966
10524   CCGGUGGC G GGAACUUC   14234   GGAAGUUC GGAGGAAACUCCCUUCAAGGACAUCGUCGGG GGAGGGAACUCGUCCAGGGGGGGGGG	_	10527	O	14232	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35967
10523   CGGUGGCG G GAACUUCC   14234   GGAAGUUC GGAGGAACUCCCUUCAAGGACAUCGUCCGGG GGAGGAACUC GAGGGAACUC GAGGGGGGGGGG	1	10524	ט	14233	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35968
10522   GGUGGCGG G AACUUCCC   14235   GGGAAGUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   10513   AACUUCCC G GCCUGACU   14236   AGUCAGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   10510   Universative G ACUUCUCU   14237   GAGAAGAACUCCCUUCAAGGACAUCGUCCGGG   10314   Ucuucad G AACUCAUG   14239   CAUGAGUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   10314   Ucuucad G AACUCAUG   14239   CAUGAGUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   10314   Ucuucad G AACUCAUG   14249   GCAAUCAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   10314   Ucuucad G AUUGGUU   14242   GCAAUCAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   10310   AUUGCUC G AUGAUUC   14241   AGAGCAAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   10300   Ucudacuu G AUUGCUC G AUGAUUU   14242   AACCCAAGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   10200   Ucudacuu G AUUGCUC G AUGAUUU   14242   AACCCAAGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   10200   Ucudacuu G AUUGCUC G AUGAUUUU   14245   AAACCAAGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   10200   Ucudacuu G AUUGCUC G AUGUUUU   14245   AAAACAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   10200   GCCCCACG G GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG   10200   GCCCCACG G GAGGGAAACUCCCUUCAAGGACAUCCCUUCAAGGACAUCGGCGGG   10200   GAGGCCCACG G GAGGGAAACCCCUUCAAGGACAUCCGUCCGGG   10200   GAGGCCCACG G GAGGGAAACCCCUUCAAGGACAUCCGUCCGGG   10200   GAGGCCCCC G GAGGGAAACCCCUUCAAGGACAUCCGCGGG   10200   GAGGCCCCCCCCCCCCCCCCUUCAAGGACAACCCCCUCCCCCCCC	┢╌	10523	U	14234		35969
10513   AACUUCCC G GCCUGACU   14236   AGUCAGGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   10508   CCCGGCCU G ACUUCUC   14237   GAGAAGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   10349   UUUACAAUU G AUUAAAUA   14238   UAUUUAAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   10314   UCUCCGAU G AUUAAUAG   14241   AGAGCAAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   10314   UCUCCGAU G AUUAAUAC   14241   AGAGCAAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   10314   UCUCCGAU G AUUAAUAC   14241   AGAGCAAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   10306   AUUGCUC G AUGAUUCC   14241   AGAGCAAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   10306   AUUGCUC G AUUGAUAG   14242   AACCAAGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   10286   ACUUGACU G GUUGAUAG   14243   CUAUCAAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   10286   ACUUGAUU G GUUGAUUC   14244   GUGGCUAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   10286   ACUUGAUU G GUUGAUUC   14244   GUGGCUAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   10286   ACUUGAUC G GUGGCUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   10286   ACUUCAGC G GUGGCUAA GGAGCAAUCGUCCGGG   10286   ACUUCAGC G GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG   10286   AUGUUUC G GAUCCGGG   14247   GCCCGGAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   10280   GCCAACUG G GUGGCUC G GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG   10280   GCCAACUG G GCCUCUG G GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG   10280   GCCAACUG G GCCUCUG G GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG   10280   GCCAACUG G GCCUCUG G GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG   10280   GCCAACUC G GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   10280   GCCAACUC G GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG   10280   GCCAACUC G GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG   10280   GCCAACUC G GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG   10280   GCCAACUC G GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG   10280   GCCAACUC G GAGGGAAACUCCCUUCAAGGACACUCGGGGGGGGGG	-	10522	O	14235		35970
10508   CCCGGCCU G ACUUUCUC   14237   GAGAAAGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   10408   UUACAAUU G AUUAAUA   14238   UAUUUAAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   10314   UCUUCAGU G AUGAUUCG   14240   GCCAGUCGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   10314   UCUCCGAU G AUGAUUCG   14241   AGAGCAAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   10306   AUGCCUU G ACUUGAUG   14242   AACCAAGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   10208   AUGCCUU G GUUGAUU   14242   AACCAAGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   10208   ACUUGAUU G AUGCUUU G GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG   10208   ACUUGAUU G AUGCUUU G GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG   10208   ACUUGAUU G AUGCCUU G GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG   10208   ACUUGAUU G AUGCUUU G GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG   10208   ACUUGAUU G AUGCUUU G GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG   10208   ACUUGAUU G AUGCUUU G GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG   10208   ACUCGGG G AUGUUUU   14248   ACAAGAC G GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG   10208   ACCACCCU G GUUCGGG G GUCCGGG G GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG   10208   ACAAGAG G GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG   10209   AAAACUC GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG   10209   14259   ACAAGAG G GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG   10209   14259   ACAAGACC GGAGGGAAACUCCCUUCAAGGACAUCGUCCGGG   10209   14259   ACAAGACC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   10209   14259   ACAAGACC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   10209   14259   ACAACACC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   10209   14250   ACAACACC GGAGGAAACUCCCUU	$\vdash$	10513	O	14236		35971
10408   UUNCANUU G AUUAANUA   14238   UAUUUAAU GGAGGAAACUCCCUUCAAGGACAUCGGCGGG   10349   UCUUINGU G AACUCAUG   14240   GCAAUCAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   10314   UCUCCGAU G AUGAUUGC G AUGAUUGC   14241   AGAGCAAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   10306   AUUGCUCU G AUUGCUCU   14241   AGAGCAAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   10300   UCUGACUU G AUUGCUCU G AUUGCUU G AUUGCUU G AUUGCUU G AUGUUUUU   14243   CUAUCAAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   10286   ACUUGGUU G AUGUUUUU   14245   AAAACAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   10286   AGCCCCCU G AUGUUUUU   14246   AAAACAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   10286   AGCCCCCU G AUGUUUUU   14246   AAAACAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   10266   GCCCCCCU G GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG   10266   GCCCCCCU G GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG   10266   GCCCCCCU G GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG   10267   ACAAGAGC GGAGGGAAACUCCCUUCAAGGACAUCGUCCGGG   10206   GAGGCCAC GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG   10206   AGGUCAC GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG   10206   AAUAUGGG GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG   10206   AAUAUGGG GAAGGAAACCCCUUCAAGGACAUCGUCCGGG   10206   AAUAUGGG GAAGGAAACCCCUUCAAGGACAUCGUCCGGG   10206   AAUAUGGG GAAGGAAACCCCUUCAAGGACAUCGUCCGGG   10206   AAUAUGGG GAAGGAAACCCCCUUCAAGGACAUCGUCCGGG   10206   AAUAUGGG GAAGGAAACCCCCUUCAAGGACAUCGUCCGGG   10206   AAUAUGGG GAAGGACG GAAGGAAACCCCUUCAAGGACAUCGUCCGGG   10206   AAUAUGGG GAAGGAAACCCCUUCAAGGACAUCGUCCGGG   10206   AAAAACC GAAGGAAACC GAAGGAAACCCCUUCAAGGACAUCGUCCGGG   AAAAACC GAAGGAAACC GAAGGAAACCCCUUCAAGGACAACCCUUCAAGGACAACCGGG   10206   AAAAACC GAAGGAAAACC GAAGGAAAACCCCUUCAAAAACC GAAGGAAAA	Η-	10508	O	14237	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35972
10349   UCUUUAGU G AACUCAUG   14239   CAUGAGUU GGAGGAAACUCCCUUCAAGGACAUCGUCGGG   10317   UCAUCUCC G AUGANUGC   14241   AGAGCAAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   10314   UCUCCGAU G AUUGCUCU   14241   AGAGCAAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   10300   UCUGACUU G ACUUGGUU   14242   AACCAAGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   10206   ACUUGGUU G GUGGUUU   14243   CUAUCAAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   10206   AGCCACCU G GAUGUUUU   14245   AAAACAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   10206   AUGUUUU   14246   GAAGAACAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   10206   GCCCACGU G GUCGCGG   14247   GCCGAGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   10206   GCCCACGU G GCCCACGC G GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   10206   GCCCACGU G GCCCCACG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   10206   GCCCACGC G GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   10206   GCCCACGC G GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   10206   GCCCACAC G GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   10207   GCCACACC G AUGUCCUC G GGAGGAAACUCCCUUCAAGGACAUCCGUCCGGG   10207   GAGGCACG G GAGGAAACUCCCUUCAAGGACAUCCGUCCGGG   10207   GAGGCACC G GAGGAAACUCCCUUCAAGGACAUCCCUCCGGG   GUGACACC G AUGUCCUC G GAGGGAAACUCCCUUCAAGGACAUCCCUCCGGG   GUGACACC G AUGUCCUC G GAGGGAAACUCCCUUCAAGGACAUCCGUCCGGG   10207   GAGGGCAC G GAGGAAACUCCCUUCAAGGACAUCCCUCCGGG   10207   GAGGGCAC G GAGGGAAACUCCCUUCAAGGACAUCCGUCCGGG   10207   GAGGGCCCGGC GGAGGAAACUCCCUUCAAGGACAUCCGGGG   10207   GAGGGCCCGGC GGAGGAAACUCCCUUCAAGGACAUCCGGGC   10207   GAGGGCCCGGC GGAGGAAACUCCCUUCAAGGACAUCCGCGGG   10207   GAGGCCCCGGC GGAGGAAACUCCCUUCAAGGACAUCCGCGGG   10207   GAGGCCCCGC GGAGGAAACUCCCUUCAAGGACAUCCGCGGG   10207   GAGGCCCCGGC GGAGGAAACUCCCUUCAAGGACAUCCGGGCGCGGGCCCGGGCCCGGGCCCGGGCCCGGCCCGGCCCGGCCCGGCCCC	┝	10408	פ	14238	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35973
10317         ÜCAUCUCC G AUGAUUGC         14240         GCAAUCAU         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           10314         UCUCCGAU G AUUGCUCU         14241         AGAGCAAU         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           10305         AUUGCUCU G ACUUGGUU         14242         AACCAAGU         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           10300         UCUGACUU G GUUGAUU         14243         CUAUCAAC         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           10286         ACUUGGUU G GUUGAUU         14244         GUGGCUAU         GGAGGGAAACUCCCUUCAAGGACAUCGUCCGGG           10286         ACUUGGUU G GUUGUUU         14245         AAAACAU         GGAGGGAAACUCCCUUCAAGGACAUCGUCCGGG           10286         ACCACCU G GAUGUUU         14246         GAAACAU         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           10286         ACCACCU G GUUCUU         14249         AAAACAU         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           10280         ACCACCU G GUUCUUG         14249         AAAACAU         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           10280         GCCACCCU G GUUCUUG         14249         ACAAGAGC         GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG           10280         GCCACCCU         GGCCCCCCC         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         14250         CCCCGAGGC         GGAGGGAAACUCCCUUCAAAGGACAUCGUCCGGG           10281 <td>$\vdash$</td> <td>10349</td> <td>Ö</td> <td>14239</td> <td>GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG</td> <td>35974</td>	$\vdash$	10349	Ö	14239	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35974
10314         UCUCCGAN G ADVIGCUCU         14241         AGAGCAAD GGAGAAACUCCUUCAAGGACAUCGUCCGGG           10305         AUVIGCUCU G ACUUGAUG         14242         AACCAAGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           10300         UCUGACUU G GUUGAUAG         14243         CUAUCAAG         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           10286         ACUVGGUU         AUNGCUCU         AUNGCUCU         AUNGCUCG         14244         GUGGCUAU         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           10286         ACCCACCU         GAUGUUUU         14245         AAAACAU         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           10286         GCCCACCU         GAUGUUUU         14246         GAAAACAU         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           10260         GCCCACGU         GAUGUUUU         14246         GAAAACAU         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           10261         GCCCACGU         G GCUCUUGU         14249         ACAAGAGC         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           10261         GGUGGCUC         G GCUCUUGU         14249         ACAAGAGC         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           10261         GUGGCCCC         GGUGCCAC         GGCUCUUG         14249         ACAAGAGC         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           10230         CCCAAUCA         GCCCCACC         GGCCCCCCC         <	_	10317	ರ	14240	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35975
10305         AUUGGUCU G ACUUGGUU         14242         AACCAAGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           10300         UCUGACUU G GUUGAUAG         14243         CUAUCAAC GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           10286         ACUUGGUU G AUGUUUU         14244         GUGGCUAU GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           10286         AGCCACCU G AUGUUUU         14246         GAAGAACAU GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           10286         GCCACCU G AUGUUUU         14247         GCCCGAGC GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           10261         CGUGGCUC G GACCUUUG         14247         GCCCGAGC GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           10261         CGUGGCUC G GGCUCUUG         14248         ACAAGAGC GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           10261         CGUGGCUC G GGCUCUUG         14249         ACAAGAGC GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           10261         GGGGCCACC G GGCCCCAC         14249         ACAAGAGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           10262         GGGGCCACC         14249         ACAAGAGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           10263         GCCACACC         14249         ACAAGAGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           10261         GCCACACC         14249         ACAAGAGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           1021         GUGACCCC         14251         GGGGCCAC         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG <td>┝</td> <td>10314</td> <td>O.</td> <td>14241</td> <td>GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG</td> <td>35976</td>	┝	10314	O.	14241	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35976
10300         UCUGACUU G GUUGAUAG         14243         CUAUCAAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           10296         ACUUGGUU G AUAGCCAC         14244         GUGGCUAU GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           10285         AGCCACCU G GAUGUUU         14245         AAAACAUC GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           10284         GCCACCUG G AUGUUUC         14246         GAAAACAU GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           10260         GCCACCUG G GUCGGGC         14247         GCCCGAGC GGAGGAAACUCCCUUCAAGGACAUCGUCGGGG           10260         GUGGCUCU         GACUCUUGU         14249         ACAAGAGC GGAGGAAACUCCCUUCAAGGACAUCGUCGGGG           10243         GCCAAUCU         GGCCCCAC         GGGCCCCC         GGGGCAGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           10243         GCCAAUCU         GGGCCCCC         GGGGCAGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           10243         GCCAAUCU         GGGCCACC         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           10240         GCCACACC         GGGCCCCC         GGGCCACC         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           10243         GCCACACC         GGGCCCCC         GGGGCAGC         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           10243         GCCACACC         GGGCCCCC         GGGCCACC         GGGCCCCC         GGGCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC	-	10305	ರ	14242	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35977
10296         ACTUGGUU G AURGCCAC         14244         GUGGCUADU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           10285         AGCCACCU G GAUGUUUU         14245         AAAACAU GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           10284         GCCACCU G AUGUUUC         14246         GAAAACAU GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           10266         GCCCACCU G GCUCUUG         14247         GCCCGAGC GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           10260         GUGGCUC G GCUCUUG         14248         CCAAGAGC GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           10243         GCCAAUCH G GCUCUUG         14249         ACAAGAGC GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           10240         GCGACAUCH G GCUCUUG         14249         ACAAGAGC GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           10240         GCGACAUCH G GCUCUUG         14249         ACAAGAGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           10240         GCGACAUCH G GCUCUUG         14249         ACAAGAGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           10210         GUGGACAUCH G GCUCUUG         14250         GCCCAUAUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           10211         GUUUUCCU         14251         GAGGACAU         GGAGGAGAACUCCCUUCAAGGACAUCGUCCGGG           10204         UGAAGUCC         14252         CCCAUAUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           10204         UGAAGUCC         14253         UGACGUC         GGAGGAGA	-	10300	O	14243		35978
10285         AGCCACCU G GAUGUUUU         14245         AAAACAUC GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           10284         GCCACCUG G AUGUUUC         14246         GAAAACAU GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           10266         GCCCACCU G GCUCGGGC         14247         GCCCGAGC GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           10261         CGUGGCU G GCUCUUG         14248         CCAAGAGC GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           10260         GUGGCUC G GCUCUUG         14249         ACAAGAGC GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           10243         GCCAAUCA G GCUCCUG         14250         GCGGCAGC GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           10230         CCACAUCA G GCUCCUG         14250         GCGGCAGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           10211         GUUUUCCU G AAUAUGGG         14251         GAGGACAU         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           10211         GUUUUCCU G AAUAUGGG         14252         CCCAUAUU         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           10204         UGAAGUCCU         14253         UGACGUC         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           10204         UGAAGUCC         14254         GUGGGAGAACUCCCUUCAAGGACAUCGUCCGGG           10204         UGAAGUCC         14254         GUGGGAGAACUCCCUUCAAGGACAUCGUCCGGG           10204         UGAAGUCC         14254         GUGACGUC         GGAG	┢	10296	ღ	14244	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35979
10284         GCCACCUG G AUGUUUUC         14246         GAAAACAU GGAGGAAACUCCCUUCAAGGACAUCGUCGGGG           10266         GCCCACGG G GGAGGAAACUCCCUUCAAGGACAUCGUCGGGG           10261         CGUGGCU G GCUCUUG         14248         CAAGAGC GGAGGAAACUCCCUUCAAGGACAUCGUCGGGG           10260         GUGGCUC G GCUCUUG         14249         ACAAGAGC GGAGGAAACUCCCUUCAAGGACAUCGUCGGGG           10243         GCCAAUCA G GCUCCUG         14250         GUGGCAGC GGAGGAAACUCCCUUCAAGGACAUCGUCGGGG           10210         GCCAAUCA G GCUGCCAC         14251         GAGGACAU         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           10211         GUUUUCCU G AUGUCCC         14251         GAGGACAU         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           10201         GUUUUCCU G AUGUCCC         14251         GAGGACAU         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           10202         CCAAUAU         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         GGACGACAC         GAGGACAUCGGGGGGG           10204         UGAAUAUG G GACGUCAC         14253         UGACGUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           10204         UGAAUAUG G GACGUCAC         14254         GUGACGUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           10204         UGAACGUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         GGAGGACAUCGUCCGGG         GGAGCAGC           10203         GAAUAUG G GCCCAC         14254         GUGACGUC	-	10285	ט	14245		35980
10266   GCCCACGU G GCUCGGGC   14247   GCCCGAGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGGACAUCGUCCGGG GGAGGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAGACAUCGUCCGGG GAAGAACUCCCUUCAAGGACAUCGUCCGGG GAGACAUCGUCCGGG GAAGAACUCCCUUCAAGGACAUCGUCCGGG GAGACAUCGUCCGGG GAAGAACUCCCUUCAAGGACAUCGUCCGGG GAAGAACUCCCUUCAAGGACAUCGUCCGGG GAGACAUCGUCCGGG GAAGAACUCCCUUCAAGGACAUCGUCCGGG GAAGAACUCCCUUCAAGGACAUCGUCCGGG GAAGAAACCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAAGAAACCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAAGAAACCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAAGAAACCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAAGAAACCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAAGAAACC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAAGAAACC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAAGAAACCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAAGAAACCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAAGAAACCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAAGAAACC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAAGAAACC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAAGAAACC GGAGGAAACCCCUUCAAGGACAUCGUCCGGG GAAGAAACC GGAGGAAACCCCUUCAAGGACAUCGUCCGGG GAAGAAACC GGAGGAAACCCCUUCAAGGACAUCGUCCGGG GAAGAAACC GGAGGAAACCCCUUCAAGGACAUCGUCCGGG GAAGAAACC GGAGGAAACCCCUUCAAGGACAACCGCGGG GAAGAAACC GGAGGAAACCCCUUCAAGGACACCGCGG GAAGAAACC GGAGGAAACCCCUUCAAGGACAACCGCGG GAAGAAACC GGAGGAAACCCCUUCAAGGACAACCGCGG GAAGAAACC GGAGGAAACCCCUUCAAGGACAACCGCGG GAAGAAACC GGAGGAAACCCCUUCAAGGACAACCGCGG GAAGAACCCCUUCAAGGACAACCGCGG GAAGAACCCCUUCAAGGACAACCGCGG GAAGAACCCCUUCAAGAACCCCUUCAACGACAACCGCGG GAAGAACCCCCUUCAACACCCCUCCAACAAACC GGAGAAACCCCCUUCAACACCCCUCCAACAAACC GGAGAAACCCCCUUCAACACCCCUCCAACAAACC GGAGAAACCCCCUUCAACACCACCAACAACCAACACCCCAACAA		10284	ש	14246		35981
10261         CGUGGCUC         G GGCUCUUG         14248         CAAGAGC         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           10260         GUGGCUC         G GUCUUGU         14249         ACAAGAGC         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           10243         GCCAAUCA         G GUGCCAC         14250         GUGGCAGC         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           10230         CCACACCA         G ANGUCCUC         14251         GAGGACAU         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           10201         GUUUCCU         G ANGUCCUC         14252         CCCAUAUU         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           10204         UGAAUAUG         G AACGUCAC         14253         UGACGUC         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           10204         UGAAUAUG         GACGUCAC         14254         GUGACGUC         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           10204         UGAAUAUG         GACGUCAC         14254         GUGACGUC         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           10204         UGAAUAUG         GACGUCAC         14254         AGUGACGUC         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           10204         UGAAUAUG         GAGUCAC         14254         AGUGACGUC         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           10204         UGACCACU         GAGGUCAC         14255	H	10266	U	14247	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35982
10260         GUGGCUCG         G CUCUUGU         14249         ACAAGAGC         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           10243         GCCAAUCA         G GUGGCAGC         GAGGAACAUC         14250         GUGGCAGC         GAGGAAACUCCCUUCAAGGACAUCGUCGGG           10210         CCACACCA         G ANGUCCUC         14251         GAGGACAU         GAGGAAACUCCCUUCAAGGACAUCGUCGGG           10211         GUUUUCCU         G AAUAUGGG         14252         CCCAUAUU         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           10204         UGAAUAUG         GAGGCACA         GGAGGACAU         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           10204         UGAAUAUG         GACGUCAC         14253         AGUGACGUC         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           10204         UGAAUAUG         GACGUCAC         14254         AGUGACGUC         GGAGGGAAACUCCCUUCAAGGACAUCGUCCGGG           10204         UGAAUAUG         GACGUCACU         14255         AGUGACGUC         GGAGGGAAACUCCCUUCAAGGACAUCGUCCGGG           10180         UCUCCACU         GGGGUUUUG         14256         CAAAACC         GGAGGGAAACUCCCUUCAAGGACAUCGUCCGGG           10180         CUCCACU         GGGUUUUG         14256         CAAAAACC         GGAGGGAAACUCCCUUCAAGGACAUCGUCGGG		10261	ש	14248		35983
10243   GCCAAUCA G GCUGCCAC   14250   GUGGCAGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGAAUUUCCU G AAUAUGGG   14252   CCCAUAUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGAAUUUCCU G GAGGACGUCA   14253   UGACGUCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGAAUUUG G GACGUCAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGAAUUUG G ACGUCACU G GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAAUAUG G ACGUCACU G GGGUUUUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAAGAAACUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGGAAACCCCUUCAAGGACAUCGUCCGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGGAAACCCCUUCAAGGACAUCGUCCGGG GGAGGAAACCCCUUCAAGGACACCGCGG GGAGGAAACCCCUUCAAGGACACCCCCUCCAGG GGAGAAACCCCCUUCAAGGACACCCCUCCAGG GGAGAAACCCCUUCAAGGACACCCCUCCAGG GGAGAAACCCCCUUCAAGGACACCCCCCGGG GGAGAAACCCCCUUCAACGACCACGCG GGAGAAACCCCCUUCAACGACCACGCG GGAGAAACCCCCUUCAACGACCACGCG GGAGAAACCCCCUUCAACGACCACGCG GGAGAAACCCCCUUCAACCACCGC GGAGAAACCCCCUUCAACCACCCCCCCCCC	$\vdash$	10260	ט	14249		35984
10230   CCACACCA G AUGUCCUC   14251   GAGGACAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   14252   CCCAUAUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   14252   CCCAUAUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   10205   CUGAAUAU G GGACGUCA   14253   UGACGUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   10204   UGAAUAUG G GACGUCAC   14254   GUGACGUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   10203   GAAUAUGG G ACGUCAC   14255   AGUGACGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   10181   UCUCCACU G GGGUUUUGU   14256   CAAAACC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   10180   CUCCACUG G GGUUUUGU   14257   ACAAAACC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   14256   CAAAAACC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   14256   CAAAAACC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   14257   ACAAAACC GGAGGAAAACUCCCUUCAAGGACAUCGUCCGGG   14257   ACAAAACC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   14257   ACAAAACC GGAGGAAACCCCUUCAAGGACAUCGUCCGGG   14257   ACAAAACC GGAGGAAACCCCUUCAAGGACAUCGUCCGGG   14257   ACAAAACC GGAGGAAACCCCUUCAACGACCGGG   14257   ACAAAACC GGAGGAAACCCCUUCAACGACACGCGG   14257   ACAAAACC GGAGGAAACCCCUUCAACGACCACGG   14257   ACAAAACC GGAGGAAACCCCCUUCAACGACCCGGG   14257   ACAAACC GGAGGAAACCCCCUUCAACGACCACGG   14257   ACAAACC GGAGGAAACCCCCUUCAACGACCACGG   14257   ACAAACC GGAGGAAACCCCCU	H	10243	O	14250		35985
10211   GUUUUCCU G AAUANGGG   14252   CCCAUAUU GGAGGAAACUCCCUUCAAGGACAUCGUCGGGG   10205   CUGAAUAU G GGACGUCA   14253   UGACGUCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   10204   UGAAUAUG G GACGUCAC   14254   GUGACGUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   10203   GAAUAUGG G ACGUCACU   14255   AGUGACGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   10181   UCUCCACU G GGGUUUUGU   14256   CAAAACC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   10180   CUCCACUG G GGUUUUGU   14257   ACAAAACC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   10180   CUCCACUG G GGUUUUGU   14257   ACAAAACC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   10180   CUCCACUG G GGUUUUGU   14257   ACAAAACC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	-	10230	U	14251		35986
10205         CUGAAUAU G GGACGUCA         14253         UGACGUCC GGAGGAAACUCCCUUCAAGGACAUCGUCGGGG           10204         UGAAUAUG G GACGUCAC         14254         GUGACGUC GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           10203         GAAUAUGG G ACGUCACU         14255         AGUGACGU GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           10181         UCUCCACU G GGGUUUUGU         14256         CAAAACCC GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           10180         CUCCACU G GGGUUUUGU         14257         ACAAAACC GGAGGAAACUCCCUUCAAGGACAUCGUCGGG	-	10211	U	14252		35987
10204         UGANUAUG G GACGUCAC         14254         GUGACGUC         GGAGGAAACUCCCUUCAAGGACAUCGUCGGGG           10203         GAAURUGG G ACGUCACU         14255         AGUGACGU         GGAGGAAACUCCCUUCAAGGACAUCGUCGGGG           10181         UCUCCACU         GGGUUUUG         14256         CAAAACC         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           10180         CUCCACUG         G. GGUUUUGU         14257         ACAAAACC         GGAGGGAAACUCCCUUCAAGGACAUCGUCCGGG	┝	10205	ō	14253		35988
10203     GAAUAUGG G ACGUCACU     14255     AGUGACGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG       10181     UCUCCACU G GGGUUUUGU     14256     CAAAAACC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG       10180     CUCCACUG G GGUUUUGU     14257     ACAAAACC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	-	10204	Ö	14254		35989
10181 UCUCCACU G GGUUUUGU 14256 CAAAACCC GGAGGAAACUCCCUUCAAGGACAUCGUCGGGG 10180 CUCCACUG G GGUUUUGU 14257 ACAAAACC GGAGGAAACUCCCUUCAAGGACAUCGUCGGG	-	10203	IJ	14255		35990
10180 CUCCACUG G. GGUUUUGU 14257 ACAAAACC GGAGGAAACUCCCUUCAAGGACAUCGUCGGG	-	10181	Ø	14256	1 1	35991
1		10180	O	14257		35992

Table XII	

851	10179	UCCACUGG G GUUUUGUC	14258	GACAAAAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCAGUGGA	35993
892	10138	CCAAACAC G GUUCCAGA	14259	UCUGGAAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUGUUUGG	35994
-	10131	CGGUUCCA G ACCUCCAA	14260	UUGGAGGU GGAGGAACUCCCUUCAAGGACAUCGUCCGGG UGGAACCG	35995
943	10087	UCCUGCAU G GAUGGACC	14261	GGUCCAUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUGCAGGA	35996
-	10086	CCUGCAUG G AUGGACCA	14262	UGGUCCAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAUGCAGG	35997
947	10083	GCAUGGAU G GACCACGU	14263	ACGUGGUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUCCAUGC	35998
$\vdash$	10082	CAUGGAUG G ACCACGUG	14264	CACGUGGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAUCCAUG	35999
-	10074	GACCACGU G GUUCUUCC	14265	GGAAGAAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACGUGGUC	36000
$\vdash$	10065	GUUCUUCC G GUAGGGAC	14266	GUCCCUAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAAGAAC	36001
$\vdash$	10001	UUCCGGUA G GGACCCAA	14267	UNGGGUCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UACCGGAA	36002
970	10060	UCCGGUAG G GACCCAAU	14268	AUUGGGUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUACCGGA	36003
┢	10059	CCGGUAGG G ACCCAAUU	14269	AAUUGGGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCUACCGG	36004
-	10046	AAUUCACA G GGACAGCG	14270	CGCUGUCC GGAGGAACUCCCUUCAAGGACAUCGUCCGGG UGUGAAUU	36005
985	10045	AUUCACAG G GACAGCGG	14271	CCGCUGUC GGAGGAACUCCCUUCAAGGACAUCGUCCGGG CUGUGAAU	36006
	10044	UUCACAGG G ACAGCGGA	14272	UCCGCUGU GGAGGAAACUCCCUUCAAGGACAUCGUCGGG CCUGUGAA	36007
$\vdash$	10038	GGGACAGC G GAGCAAAU	14273	AUTUGEUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCUGUCCC	36008
993	10037	GGACAGCG G AGCAAAUG	14274	CAUTUGEU GGAGGAACUCCCUUCAAGGACAUCGUCCGGG CGCUGUCC	36009
$\vdash$	10029	GAGCAAAU G GCGUUGGC	14275	GCCAACGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUUUGCUC	36010
Н	10023	Ö	14276	CUCAUGGC GGAGGAACUCCCUUCAAGGACAUCGUCCGGG AACGCCAU	36011
Н	1001	ტ	14277		36012
1021	10009	GAGCCGCA G GUCUCUUC	14278	GAAGAGAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGCGGCUC	36013
1033	7666	ucuucugu g gaaguaca	14279	UGUACUUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACAGAAGA	36014
1034	9666	v	14280	1	36015
1042	8866	ច	14281	GGCUGCUU GGAGGAACUCCCUUCAAGGACAUCGUCCGGG UGUACUUC	36016
1057	9973	0	14282	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36017
1058	9972	CACAUCUG G GCAUAAGA	14283	UCUUADGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAGAUGUG	36018
1065	9962	O	14284		36019
075	9955	Ö	14285	CUGCUUGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGGCUAAG	36020
1090	9940	Ö	14286	GGAACGUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCGACACU	36021
1001	9939	Ö	14287	UGGAACGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGCGACAC	36022
1103	9927	Ð	14288		36023
1110	9920	CGGCCCCU G GAGAUAUG	14289	CAUAUCUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGGGGCCG	36024
1111	9919	GCCCCUG G AGAUAUGC	14290	GCAUAUCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAGGGGCC	36025
1113	9917	CCCCUGGA G AUAUGCGA	14291	UCGCAUAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCCAGGGG	36026
1120	9910	AGAUAUGC G AGCUCUGC	14292	GCAGAGCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCAUAUCU	36027
1150	9880	CUGUCCUC G GCAUGGAA	14293	UUCCAUGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAGGACAG	36028
155	9875	១	14294	GEUGEUUC GGAGGAACUCCCUUCAAGGACAUCGUCCGGG AUGCCGAG	36029
1156	9874		14295		36030
1184	9846	UCUTUCAU G AUCAAUUC	14296	GAAUUGAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUGAAAGA	36031
1196	9834	AAUUCAGU G AAAUGGUU	14297	AACCAUUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACUGAAUU	36032

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1201	9630	אפטוווווט בי וופספטווספ	14298	CONTRACT GRADGRADA CHICCONNICA AGGACANICGINCCGGG ANNICACU	36033
1206	9824	ט	14299	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36034
1215	9815	AGCAAAAU G GAACCUGC	14300	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36035
1216	9814	GCAAAUG G AACCUGCU	14301	AGCAGGUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAUUUUGC	36036
1245	9785	AUCCAGUU G ACGGUUUC	14302	GAAACCGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AACUGGAU	36037
1248	9782	CAGUUGAC G GUUUCCAC	14303	GUGGAAAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUCAACUG	36038
1261	6946	CCACUCUU G GAUGUCUU	14304	٠,١	36039
1262	8926	CACUCUUG G AUGUCUUU	14305		36040
1273	9757	GUCUTUGE G AACCUTUG	14306	CAAAGGUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCAAAGAC	36041
1281	9749	GAACCUUU G ACAUAGCA	14307	- 1	36042
1292	9738	AUAGCAUU G AGGAAGUG	14308	CACUUCCU GGAGGAACUCCCUUCAAGGACAUCGUCCGGG AAUGCUAU	36043
1294	9736	AGCAUUGA G GAAGUGGA	14309	UCCACUUC GGAGGAACUCCCUUCAAGGACAUCGUCCGGG UCAAUGCU	36044
1295	9735	GCAUUGAG G AAGUGGAG	14310	CUCCACUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUCAAUGC	36045
1300	9730	GAGGAAGU G GAGCGAGG	14311	CCUCGCUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACUUCCUC	36046
1301	9729	AGGAAGUG G AGCGAGGU	14312	ACCUCGCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CACUUCCU	36047
1305	9725	AGUGGAGC G AGGUGGCA	14313	UGCCACCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCUCCACU	36048
1307	9723	UGGAGCGA G GUGGCAAA	14314		36049
1310	9720	AGCGAGGU G GCAAAGCG	14315		36050
1318	9712	GGCAAAGC G AUCGUCCA	14316	UGGACGAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCUUUGCC	36051
1327	9703	AUCGUCCA G GGGCUUUA	14317	UAAAGCCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGGACGAU	36052
1328	9702	UCGUCCAG G GGCUUUAC	14318	- 1	36053
1329	9701	CGUCCAGG G GCUUUACC	14319	- 1	36054
1355	9675	UCUCCACU G ACAGCCAU	14320	- 1	36055
1366	9664	AGCCAUGC G GCUGAGUC	14321	GACUCAGO GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCAUGGCU	36056
1370	0996	AUGCGGCU G AGUCUUUC	14322	GAAAGACU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGCCGCAU	36057
1400	9630	AACAGCCA G GUCCUGAC	14323	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36058
1406	9624	CAGGUCCU G ACUUUGGG	14324	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36059
1412	9618	Q	14325		36060
1413	9617	UGACUUUG G GUCCUUUC	14326		36061
1430	0096	CCUUUUGU G AGUUUCUC	14327	GAGAAACU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACAAAAGG	36062
1449	9581	CAUCAUCU G GGCCAAUC	14328	GAUUGGCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGAUGAUG	36063
1450	9580	AUCAUCUG G GCCAAUCA	14329	UGAUUGGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAGAUGAU	36064
1489	9541	CACCAGCU G GACGGCCA	14330	UGGCCGUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGCUGGUG	36065
1490	9540	ACCAGCUG G ACGGCCAG	14331	1	36066
1493	9537	AGCUGGAC G GCCAGGUU	14332		36067
1498	9532	GACGGCCA G GUUGGUGA	14333	UCACCAAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGGCCGUC	36068
1502	9528	GCCAGGUU G GUGAAAGU	14334	ACUUUCAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AACCUGGC	36069
1505	9525	AGGUUGGU G AAAGUGUU	14335	AACACUUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACCAACCU	36070
1516	9514	AGUGUUUA G GGCGUAGG	14336	CCUACGCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UAAACACU	36071
1517	9513	guguudag g gcguaggu	14337	ACCUACGO GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUAAACAC	36072

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1523	9507	AGGGCGUA G GUGACAAC	14338	GUUGUCAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UACGCCCU	36073
1526	9504	ტ	14339	CAAGUUGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACCUACGC	36074
1549	9481	ccccaca e vacaacac	14340	GAGAAGAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGAGGGGG	36075
1559	9471	ucuucucu e eaganaac	14341	GUNAUCUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGAGAAGA	36076
1260	9470	CUICUCUG G AGAUAACA	14342	UGUUAUCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAGAGAAG	36077
1562	9468	Q	14343	GAUGUDAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCCAGAGA	36078
1574	9456	ບ	14344	AGAACCGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUGGAUGU	36079
1577	9453	nccyneyc e enncnncc	14345	GGAAGAAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUCAUGGA	36080
1596	9434	CAGCAGCC G GGCGCAUC	14346	GAUGCGCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGCUGCUG	36081
1597	9433	AGCAGCCG G GCGCAUCA	14347	UGAUGCGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGGCUGCU	36082
1621	9409	0	14348	ccuauceu egaggaaacucccuucaaggacauceuccege acaaaguu	36083
1624	9406	UUUGUGYC G YUYGGUGY	14349	UCACCUAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUCACAAA	36084
1628	9402	ngacgana e eugageuc	14350	GAGCUCAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UAUCGUCA	36085
1631	9399	CGAUAGGU G AGCUCAAU	14351	AUUGAGCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACCUAUCG	36086
1640	0686	AGCUCAAU G AUGGCCCU	14352	AGGGCCAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUUGAGCU	36087
1643	1866	ncyyndyn e ecconeec	14353	GCCAGGGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUCAUUGA	36088
1649	9381	AUGGCCCU G GCAAGACG	14354	CGUCUUGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGGGCCAU	36089
1654	92.66	CCUGGCAA G ACGCCGAU	14355	AUCGGCGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUGCCAGG	36090
1660	9370	AAGACGCC G AUGUUCCC	14356	GGGAACAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGCGUCUU	36091
1718	9312	GCUCUCGU G AUGCGGGU	14357	ACCCGCAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACGAGAGC	36092
1723	9307	ceneanec e eenenece	14358	GGGACACC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCAUCACG	36093
1724	9086	engandes e enenecea	14359	UGGGACAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGCAUCAC	36094
1754	9276	D G	14360	GGCAAGAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UAUGCUGA	36095
1767	9263	O	14361	CACCCGGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGGGGGCA	36098
1771	9259	ŋ	14362	UUGGCACC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGCCUGGG	36097
1772	9258	CCAGGCCG G GUGCCAAC	14363	GUUGGCAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGGCCUGG	36098
1789	9241	UUCACGCA G GAUGUAAC	14364	GUUACAUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGCGUGAA	36099
1790	9240	Ö	14365	GGUUACAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUGCGUGA	36100
1807	9223	Ð	14366	UGGGCCUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAAAACUG	36101
1808	9222	ש	14367	UUGGGCCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAAAAACU	36102
1810	9220	ဗ	14368	GCUUGGGC GGAGGAACUCCCUUCAAGGACAUCGUCCGGG UCCAAAAA	36103
1823	9207	ອວ	14369	GGAGGUGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAGGGCUU	36104
1836	9194	J G	14370	AAAGAACU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGGAGGAG	36105
1858	9172	AAGCCAGU G GUCUUCAU	14371	AUGAAGAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACUGGCUU	36106
1868	9162	J G	14372	GGUUUUCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAUGAAGA	36107
1870	9160	Ð	14373	UGGGUUUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCAAUGAA	36108
1879	9151	D T	14374	UCGAGGCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGGGUUUU	36109
1886	9144	AGAGCCUC G AACUCCAG	14375	CUGGAGUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAGGCUCU	36110
1894	9136	ט	14376	CUCGCUUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGGAGUUC	36111
1900	9130	CAGAAAGC G AGCUCCGA	14377	UCGGAGCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCUUUCUG	36112

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1907	9123	CGAGCUCC G AGCCACAU	14378	AUGUGGCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGCUCG	36113
1916	9114	O	14379	AUTUGGUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUGUGGCU	36114
1925	9105	AACCAAAU G GCUCUGCU	14380	AGCAGAGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUUUGGUU	36115
1940	0606	conceen a accounce	14381	GGAAAGGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAGGGAAG	36116
1949	9081	GCCUUUCC G AACUCUCC	14382	GGAGAGUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAAAGGC	36117
1958	9072	AACUCUCC G GGUUUUUU	14383	AAAAAACC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGAGUU	36118
1959	9071	ACUCUCCG G GUUUUUUC	14384	GARARAR GGAGGARACUCCCUUCAAGGACAUCGUCCGGG CGGAGAGU	36119
2002	9028	GCAAGUGU G ACAUUCCC	14385	GGGAAUGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACACUUGC	36120
2017	9013	CCCCCGCA G AUGUGCCU	14386	AGGCACAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGCGGGGG	36121
2058	8972	AAAAUUUU G GAUCUUCA	14387	UGAAGAUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAAAUUUU	36122
2059	8971	AAAUUUUG G AUCUUCAA	14388	UUGAAGAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAAAAUUU	36123
2078	8952	ecuncaca e ececacca	14389	AGGAGCGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGAGAAGC	36124
2092	8838	CCUCCAUU G AUUCUGCU	14390	AGCAGAAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAUGGAGG	36125
2111	8919	UCAAACAU G GCACCCAA	14391	UNGGGUGC GGAGGAACUCCCUUCAAGGACAUCGUCCGGG AUGUUUGA	36126
2135	8895	UNGCUGUU G ACCUUUCU	14392	AGAAAGGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AACAGCAA	36127
2147	8883	UUUCUUAU G AAUUCCUC	14393	GAGGAAUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUAAGAAA	36128
2158	8872	UUCCUCUC G AGAGCACA	14394	UGUGCUCU GGAGGAACUCCCUUCAAGGACAUCGUCCGGG GAGAGGAA	36129
2160	8870		14395		36130
2171	8859	CACAUUCU G GGACGUUU	14396	AAACGUCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGAAUGUG	36131
2172	8888	ACAUUCUG G GACGUUUU	14397	AAAACGUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAGAAUGU	36132
2173	8857	CAUUCUGG G ACGUUUUU	14398	AAAAACGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCAGAAUG	36133
2186	8844	UUUUCUCU G GCCAAAA	14399	UUUUUGGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGAGAAAA	36134
2210	8820	ש	14400		36135
2213	8817	CAGUUGGU G GUCUCAUU	14401	AAUGAGAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACCAACUG	36136
2222	8808	GUCUCAUU G AGCACGUA	14402	UACGUGCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAUGAGAC	36137
2244	8786	cuccuucu e eceeuuca	14403	UGAACCGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGAAGGAG	36138
2247	8783	CUUCUGGC G GUUCAGGA	14404	UCCUGAAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCCAGAAG	36139
2253	8777	GCGGUUCA G GAGCUUUC	14405	GAAAGCUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGAACCGC	36140
2254	8776	CGGUUCAG G AGCUUUCG	14406	CGAAAGCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUGAACCG	36141
2279	8751	UNCUCUUU G AACACUCG	14407	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36142
2297	8733	UGCUGCCC G AAGGGAGU	14408	ACUCCCUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGGCAGCA	36143
2300	8730	UGCCCGAA G GGAGUAGU	14409		36144
2301	8729	GCCCGAAG G GAGUAGUG	14410	CACUACUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUUCGGGC	36145
2302	8728	CCCGAAGG G AGUAGUGU	14411	ACACUACU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCUUCGGG	36146
2318	8712	UCAGUCAU G GCCAUGGU	14412	ACCAUGGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUGACUGA	36147
2324	8706	AUGGCCAU G GUGGUAAC	14413	GUDACCAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUGGCCAU	36148
2327	8703	២	14414		36149
2339	8691	ACAUUCGU G AUGGUGUC	14415	GACACCAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACGAAUGU	36150
2342	8688	писенски в вивиссся	14416		36151
2352	8678	UGUCCCAU G GUUUUGAG	14417	CUCAAAAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUGGGACA	36152

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G AGGAGCCU 14419 AGGCUCCU	AGGCOCCO	t		36154
] 1	D	14420	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36155
呂	O	14421	- 1	36156
4	ซ	14422	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36157
-		14423		36158
-	b	14424	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36159
	AGCGAACU G GCGGAGCC	14425	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36160
	GAACUGGC G GAGCCUGU	14426	- 1	36161
1	AACUGGCG G AGCCUGUG	14427		36162
l	GAGCCUGU G GGCUUCAC	14428	- 1	36163
	AGCCUGUG G GCUUCACA	14429	- 1	36164
ł	O	14430		36165
1	UAGUUCCA G GUUCUAUA	14431		36166
1	UUCUAUAU G GGUGGUUC	14432	GAACCACC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUAUAGAA	36167
ŀ	UCUAUAUG G GUGGUUCU	14433		36168
J	AUAUGGGU G GUUCUCAU	14434		36169
	CUCAUCGU G GUGCCACG	14435		36170
1	GCCACGUC G AACUGUAC	14436	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36171
} `	UCACGCCU G AGUCGUUC	14437	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36172
		14438	- 1	36173
	AUTUTACU G GUGUCUGA	14439	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36174
	ט	14440	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36175
	ტ	14441	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36176
	ט	14442	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36177
1	UNGAGCAG G GGUUUUCC	14443	1	36178
J :	Ø	14444	- 1	36179
	O	14445	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36180
	O	14446	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36181
	b	14447	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36182
	COUNTING G GUCCCUUC	14448		36183
, ,	ဗ	14449	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36184
	UCUUCCUA G GAGCACCU	14450	- 1	36185
	CUUCCUAG G AGCACCUG	14451	- 1	36186
	GAGCACCU G GCUGGUCA	14452		36187
	ACCUGGCU G GUCADAUU	14453	AAUAUGAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGCCAGGU	36188
1	UAUUCACU G AAUGUACC	14454	GGUACAUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGUGAAUA	36189
	CAUUGCCU G AAGCUCGA	14455	UCGAGCUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGGCAAUG	36190
	UGAAGCUC G ACUCACCC	14456		36191
Į	uceueceu e eaauucce	14457	CGGAAIIIC GGAGGAAACIICCCUIICAAGGACAUCGGGG ACGCACGA	36192

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2706	8324	CGUGCGUG G AAUUCCGU	14458	ACGGAAUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CACGCACG	36193
2715	8315	ย	14459	CCCACUCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACGGAAUU	36194
2717	8313	₹ G	14460		36198
2721	8309	U G	14461	CAGAAACC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACUCUCAC	36196
2722	8308	UGAGAGUG G GUUUCUGA	14462	UCAGAAAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CACUCUCA	36197
2729	8301	J G	14463		36198
2749	8281	CCCAUACC G GCGUUGGA	14464	UCCAACGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGUAUGGG	36199
2755	8275	ccecceur e eaecaecu	14465	AGCUGCUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AACGCCGG	36200
2756	8274	Ö	14466	GAGCUGCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAACGCCG	36201
2777	8253	UUCUCUAU G ACUUUCGG	14467	CCGAAAGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUAGAGAA	36202
2784	8246	UGACUTUC G GCAUGUAG	14468	CUACAUGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAAAGUCA	36203
2792	8238	GGCAUGUA G GGGCAGAG	14469	CUCUGCCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UACAUGCC	36204
2793	8237	всяпеляв в весявявс	14470	GCUCUGCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUACAUGC	36205
2794	8236	CAUGUAGG G GCAGAGCA	14471	UGCUCUGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCUACAUG	36206
2798	8232	UAGGGGCA G AGCACCUU	14472	AAGGUGCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGCCCCUA	36207
2823	8207	AUUCCCUU G GCCCUCGG	14473	CCGAGGGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAGGGAAU	36208
2830	8200	UGGCCCUC G GUGCAGCC	14474	GGCUGCAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAGGGCCA	36209
2857	8173	CAUTUCAA G GACCCGAA	14475	UUCGGGUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUGAAAUG	36210
2858	8172	D	14476	AUUCGGGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUUGAAAU	36211
2863	8167	9	14477	GGACGAUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGGUCCUU	36212
2895	8135	CAGCACUU G ACGAGGAC	14478	GUCCUCGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAGUGCUG	36213
2898	8132	CACUUGAC G AGGACUCU	14479	AGAGUCCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUCAAGUG	36214
2900	8130	Ö	14480	GGAGAGUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCGUCAAG	36215
2901	8129	UUGACGAG G ACUCUCCG	14481	CGGAGAGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUCGUCAA	36216
2909	8121	9	14482	UGUGACAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGAGUC	36217
2920	8110	ტ	14483	ACACCCUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUUGUGAC	36218
2921	8109	Ö	14484	GACACCCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUUUGUGA	36219
2923	8107	O	14485		36220
2924	8106	מ	14486		36221
2940	8090	ט	14487	CAGACCUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGAGUGUU	36222
2943	8087	ט	14488		36223
2951	8079	ט	14489	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36224
2975	8055	G	14490	AUJGUCAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUGAAGAG	36225
2978	8052	G	14491	AACAUUGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACCAUGAA	36226
3010	8020	J G	14492	AAGAGCCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AACUAGUG	36227
3011	8019	Ö	14493	GAAGAGCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAACUAGU	36228
3012	8018	פ	14494	UGAAGAGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCAACUAG	36229
3026	8004	פ	14495		36230
3027	8003	Ü	14496	GGGCGGUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGGACAUG	36231
3028	8002	AUGUCCGG G ACCGCCCU	14497	AGGGCGGU GGAGGAACUCCCUUCAAGGACAUCGUCCGGG CCGGACAU	36232

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3050	7980	uacccucu a acuucuua	14498	Caagaaggi ggaggaaaCTTCCCTTTCaaggacgicgicgita	36233
3058	7972	ြတ	14499	GGAGGAAACUCCCUCAAGGACAUCGUCCGGG	36234
3059	7971	ACUUCUUG G ACUCUUUU	14500	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36235
3070	7960	UCUUUUUU G GGUUGCCA	14501	UGGCAACC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAAAAAGA	36236
3071	7959	വസ്ഥാൻ ദ്രഹ്യാ	14502	AUGGCAAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAAAAAAG	36237
3112	7918	ACAUCCAA G GUCAAUCA	14503	UGATUGAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUGGAUGU	36238
3128	7902	Acumuce a Acedemic	14504	GAACCGGU GGAGGAACUCCCUUCAAGGACAUCGUCCGGG GGAAAAGU	36239
3132	7898	noceacc e euroeaea	14505	UCUCGAAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGUCGGAA	36240
3137	7893	9 2	14506	AGGUUUCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAACCGGU	36241
3139	7891	ש	14507	GGAGGUUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCGAACCG	36242
3152	7878	CUCCGUUC G ACCAGCCA	14508	UGGCUGGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAACGGAG	36243
3183	7847	UGCCCCUA G AGACUGGA	14509	UCCAGUCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UAGGGGCA	36244
3185	7845	CCCCUAGA G ACUGGAUG	14510	CAUCCAGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCUAGGGG	36245
3189	7841	UAGAGACU G GAUGCCCU	14511	AGGGCAUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGUCUCUA	36246
3190	7840	AGAGACUG G AUGCCCUC	14512	GAGGGCAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAGUCUCU	36247
3203	7827	ប	14513	GGCAAUGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACUGGAGG	36248
3221	7809	1 G	14514	AAACACGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGGAAAGA	36249
3237	7793	J G	14515	CGAUCGCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGCGGCAA	36250
3241	7789	CGCUGAGC G AUCGACUU	14516	AAGUCGAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCUCAGCG	36251
3245	7785	GAGCGAUC G ACTUCGAU	14517	AUCGAAGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAUCGCUC	36252
3251	1779	UCGACUUC G AUGAUGGC	14518	GCCAUCAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAAGUCGA	36253
3254	1776	D (	14519	GAGGCCAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUCGAAGU	36254
3257	7773	Ð (	14520	AAAGAGGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUCAUCGA	36255
3268	7762	cucuvuge a guaecuag	14521	CUAGGUAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCAAAGAG	36256
3278	7752	UACCUAGO G AACUCOUC	14522	GAAGAGUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACUAGGUA	36257
3298	7732	D L	14523	GACUCAAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGAUGACA	36258
3302	7728	AUCUGGUU G AGUCUUUC	14524	GAAAGACU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AACCAGAU	36259
3329	1701	Ð	14525	GGACGCAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUGGGAGA	36260
3363	2992	Ö	14526	GGAAAAAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGGACUAA	36261
3383	7647	D G	14527	UGGACACU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUAAAGAA	36262
3398	7632	Ö	14528	UGUCUAUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUAACAUG	36263
3399	7631	G	14529	AUGUCUAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAUAACAU	36264
3403	7627	Ð	14530	UGUCAUGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UAUCCAUA	36265
3408	7622	9	14531	UNGGUNGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUGUCUAU	36266
3428	7602	CCACGCAU G AUGUGGCA	14532	UGCCACAU GGAGGAAACUCCCUUCAAGGACAUCGUCGGG AUGCGUGG	36267
3433	7597	CAUGAUGU G GCAGAGUC	14533	GACUCUGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACAUCAUG	36268
3437	7593	AUGUGGCA G AGUCCGAU	14534	AUCGGACU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGCCACAU	36269
3443	7587	B	14535	ACUGCCAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGACUCUG	36270
3446	7584	Ö	14536	ACAACUGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUCGGACU	36271
3468	7562	UCCAAACA G AGCUUGCU	14537	AGCAAGCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGUUUGGA	36272
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7521   GENESCORGO G MUDICADA   14513   MUDICIGAD CORROGARACHOCCUTCAAGACALUCGUCCOGG GOADAGA   7487   UCUCUCACA G ACCOUNTION   14514   GAACCCCCOT GAAGGAAACHCCUTCCOGG GOADAGA   7487   UCUCUCACA G ACCOUNTION   14514   GAACCCCCOT GAAGGAAACHCCUTCAAGACALUCGUCCOGG GUCUGUGA   7483   CUCUCACAC G GOADAGA   14514   GAACCCCCOT GAAGGAAACCCCCUTCAAGGACALUCGUCCOGG GUCUGUGA   7483   CUCUCACAC G GOADAGA G ACCOUNTION   14514   UCUCACAC GAAGGAAACCCCCUTCAAGGACALUCGUCCOGG GUCUGUGA   7483   CACCCACA G ACCOUNTION   14514   UCUCACAC GAAGGAAACCCCCUTCAAGGACALUCGUCCOGG GUCUGUGA   7483   CACCCACA G ACCOUNTION   14514   UCUCACAC GAAGGAAACCCCCUTCAAGGACALUCGUCCOGG GUCUGUGA   7415   CACCCACAC GAAGGAAACCCCCUTCAAGGACALUCGUCCOGG UUGCUGA   7415   CACCCACAC GAAGGAAACCCCCUTCAAGGACALUCGUCCOGG UUGCUGA   7415   CACCCACAC GAAGGAAACCCCCUTCAAGGACALUCGUCCOGG UUGCUGA   7415   CACCCACAC GAAGGAAACCCCCUTCAAGGACALUCGUCCOGG UUGCUGA   7415   CACCACAC GAAGGAAACCCCCUTCAAGGACALUCGUCCOGG UUGCUGA   7416   CACCACAC GAAGGAAACCCCCUTCAAGGACALUCGUCCOGG UUGCUGA   7416   CACCACAC GAAGGAAACCCCCUTCAAGGACALUCGUCCOGG UUCCUGA   7416   CACCACAC GAAGGAAACCCCCUTCAAGGACALUCGUCCOGG AUCACAC   7416   CACCACAC GAAGGAAACCCCCUTCAAGGACALUCGUCCOGG AUCACAC   7416   CACCACAC GAAGGAAACCCCCUTCAAGGACACUCGUCCOGG ACCACAC   7416   CACCACAC GAAGGAAACCCCCUTCAAGGACACACUCCCUCCAGGA ACCACACA   7416   CACCACAC GAAGGAAACCCCUTCAAGGACACACCCCOCCAGA ACCACACA   7416   CACCACAC GAAGGAAACCCCCUTCAAGGACACACCCCCOCCAGA ACCACACA   7416   CACCACAC GAAGGAAACCCCUTCAAGAACACCCCUTCAAGAACACCCCCUTCAAGAACACCCCCCAGAACAC   7416   CACCACAC GAAGGAAACCCCUTCAAGAACACCCCUTCAAGAACACCCCCCUTCAAGAACACCCCCUTCAAGAACACCCCCCACACAC   7416   CACCACAC   CACCACAC GAAGGAAAACCCCCUTCAAGAACACCCCUTCAAGAACACCCCCCACACAC   CACCACAC   CACCACAC   CACCACAC   CACC	3503	7527	ACCGCUGC G GCCGUGAU	14538	AUCACGGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCAGCGGU	36273
7569         AMANUTOC G ACCOURCHOOR         14540         CARDARANG C GROUGUCGO GOAGABAARCH CUCUCUAAGGACAUCGUCGGGG CURUGAABA           7487         UUCUCACA G ACGOGUTO         14542         GAACCCGU GRAGGAARCHCCUUCAAGGACAUCGUCGGGG UGUGAABA           7481         UUCUCACA G GUUCACA         14542         GAACCCGU GRAGGAARCHCCUUCAAGGACAUCGUCGGGG UGUGAABA           7482         UUCUCACA G GUUCACA         14542         AUGUGAG GAGAGAACHCCCUUCAAGGACAUCGUCGGGG UGUGAGAA           7482         UUCACAGA G AUCACAA         14544         UUCACAGA G AUCACAA           7483         AUCACACA         14544         GAACCCAA           7413         AUCACAA         14546         CUUGUGAG GAACACCCCUUCAAGGACAUCGUCGGGG UAGAGAACACCCCUUCAAGGACAUCGUCGGGG AUGAGAACACACACAA           7413         AUCACAA         6 AUCACACA         GAACCCAACA         GAACACAACA         GAACACAAA           7415         GAACACAA         6 AUCACAACA         GAACACAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA	3509	7521	Ø	14539	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36274
7487         UDDUCADO, G ACCRGUUD         14541         GAACCCCU GRAGGARACCCUUCAAGGACAUCGUCGGGG GUUGUGAA           7488         CADACACC         GGUUCAGAC         GGUUCUGAGA         14542         ACUGAGAC         GGUUCUGAGA           7481         CADACACC         GGUUCUGAGA         14542         ACUGAGAC         GGUUCUGAGA           7482         CADACACC         GGUUCUGAGA         14544         UUGUGUC         GGAGAAAUCCCUUCAAGGACAUCGUCCGGG           7432         GACACAA         14544         UUGUGUC         GAGAGAAAUCCCUUCAAGGACAUCGUCCGGG           7432         GACACAA         GACACAA         14546         AUGUGUA         GGAGAGAAAUCCCUUCAAGGACAUCGUCCGGG           7415         GACACAA         GACACAA         GACACAA         GACACAAA         GACACAAAAA           7416         UUCCACAA         GACACAAAAAA         GACACAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA	3521	7509	Ø	14540	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36275
	3543	7487	ဗ	14541	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36276
7483         COLORADOR O GUIDUCUR         14543         UNGUIDADA         LAGACADA         14544         UNGUIDADA         LAGACADA         14544         UNGUIDADA         14544         UNGUIDADA         14544         AUGURAN         14546         UNGUIDADA         14544         AUGURAN         14544         AUGURAN         14546         AUGURAN         14546         AUGURAN         14546         AUGURAN         14546         AUGURAN         14540         AUGURAN         14540         AUGURAN         14540         AUGURAN         0400         0400         0400         0400         0400         0400         0400         0400         0400         0400         0400         0400         0400         0400         0400         0400         0400         0400         0400         0400         0400         0400         0400         0400         0400         0400         0400         0400         0400         0400         0400         0400         0400         0400         0400         0400         0400         0400         0400         0400         0400         0400         0400         0400         0400         0400         0400         0400         0400         0400         0400         0400         0400         0400	3546	7484	ტ	14542	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36277
7452         UGCAGACUR A GARCACARA         14554         UGGGGGGGGGGGGGGGGGCCUUCAAGGGACAUCGUCCGGGG UGGGGGGGGGG	3547	7483	O	14543	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36278
7460         CACCURGA G ACCICURAG         14545         CURGGUEGU GRAGGARACUCCCUUCAAGGACAUCGUCCGGG         UCURGACU           7433         AUCACCUA G AUCHGGAU         14546         AUCCUGAU         GGACGARACUCCCUUCAAGGACAUCGUCCGGG         UCUCGCAU           743         AUCACCUA         G AUCACCAA         G AUCACCAA         G AUCACCAA         G AUCACCAAC         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         AUCACCAAC         GAGGAAACUCCCUUCAAGGACAUCGUCCGGG         AUCACCAAC         GAGGAACAACUCCCUUCAAGGACAUCGUCCGGG         AUCACCAAC         GAGGAACAACUCCCUUCAAGGACAUCGUCCGGG         AUCACCAAC         GAGGAACAACUCCCUUCAAGGACAUCGUCCGGG         AUCACCAAC         GAGGAACAACUCCCUUCAAGGACAUCGUCCGGG         AUCACCAAC         GAGGAACAACUCCCUUCAAGGACAUCGUCCGGG         AUCACCAAC         GAGGAACAACUCCCUUCAAGGACAUCGUCCGGGG         AUCACCAAC         GAGGAACAACUCCCUUCAAGGACAUCGUCCGGG         AUCACCAAC         GAGGAACAACUCCCUUCAAGGACAUCGUCCGGG         AUCACCAAC         GAGGAACAACUCCCUUCAAGGACAUCGUCCGGG         AUCACCAAC         GAGGAACAACUCCCUUCAAGGACAACUCCUCCGGG         AUCACCAAC         GAGGAACAACUCCCUUCAAGGACAACUCCUCCGGG         AUCACCAAC         GAGGACAACACCCCUUCAAGGACAACUCCUCCGGG         AUCACCAAC         GAGGACAACACCCUUCAAGGACAACUCCUCCGGG         AUCACCAAC         GAGGACAACACCCUUCAAGGACAACUCCUCCGGG         AUCACCAAC         GAGGACAACACCCCUUCAAGGACAACUCCUCCCUUCAACACACAC	3568	7462	O	14544	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36279
7435   GACACCAM G AUCHGEND   14546   AUGCUGAN GRAGGAAACUCCCUUCAAGGACANCGUCCGGG AUCHGAN UNIGORGUN G AUCHGANG A AUCHGANG GACAGAN GRAGGAAACUCCCUUCAAGGACANCGUCCGGG AUCHGAN UNIGORGUN G AUCHGANG GACAGAN GAGGAAACUCCCUUCAAGGACANCGUCCGGG AUCHGAN UNIGORGUN G AUCHGANG GACAGAN GAGGAAACUCCCUUCAAGGACANCGUCCGGGG AUCHGAN UNIGORGUN G AUCHGANG GACAGAN GAGGAAACUCCCUUCAAGGACANCGUCCGGGG AUCHGAN UNIGORGUN G GACAGAN G GACAGAN GAGGAAACUCCCUUCAAGGACANCGUCCGGGG AUCHGAN GACAGAN GAGGAAACUCCCUUCAAGGACANCGUCCGGGG AUCHGAN GACAGAN GAGGAAACUCCCUUCAAGGACANCGUCCGGGG AUCHGAN GACAGAN GAGGAAACUCCUUCAAGGACANCGUCCGGGG AUCHGAN GAGGAAACUCCUUCAAGGACANCGUCCGGGG AUCHGAN GAGGAAACUCCUUCAAGGACANCGGGGGGGACANCGAGGACANCGAGGACANCGAGGACANCGAGGACANCGAGGACANCGAGGACANCGAGGACANCGAGGACANCGAGGACANCGAGGACANCGAGGACANCGAGGACANCGAGGACANCGAGGACANCGAGGACANCGAGGACANCGAGGACANCGAGGACANCGAGGACANCGAGGACANCGAGGACANCGAGGACANCGAGGACANCGAGGACANCGAGGACANCGAGGACANCGAGGACANCGAGGACANCGAGGACANCGAGGACANCGAGGACANCGAGGACACAACACAGGACAACACACAGGACAACACACAGGACAACA	3570	7460	O	14545	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36280
7443         ANTORIGON G ANCIGURO         14547         GRACACAN GARGARACUCCUUCAAGGACAUCGUCCGGG AUGCIGAA           7415         UUCUCUAN GARGAGAACUCCCUUCAAGGACAUCGUCCGGG AUCAUGCA           7416         UUCUCUAN GARGAGAACUCCCUUCAAGGACAUCGUCCGGG AUCAUGCA           7416         UUCUCUAN GARGACAUCGUCCGGG AUCAUGCA           7416         GARGAGAA         1455         ACACCACAC         GARGAGAACUCCCUUCAAGGACAUCGUCCGGG         AUCAUGCA           7416         AUGAGAGA         1455         GARCAGAC         GARGAGACACCCUUCAAGGACAUCGUCCGGG         CAUCAUGC           7393         UAAUUCUG         GARGAGACA         GARGAGAACUCCUUCAAGGACAUCGUCCGGG         CAUCAUGC           7394         AUGAGACAC         1455         GAGGAGAA         GAGGACAAUCCGUCCAAGGACAUCGUCCGGG         CACACACC           7395         AAUUCUG         GAGGACAC         1455         ACAGACGAC         GAGGAGAAACUCCCUUCAAGGACAUCGUCCGGG         CACACACC           7397         AAUUCUG         GACCACAC         GAGGAGAAACUCCCUUCAAGGACAUCGUCCGGG         CACACACC           7326         AAUUCUG         GAGGAGAAACUCCCUUCAAGGACAUCGUCCGGG         CACACACC         CACACACC         CACACACC         CACACACC         CACACACC         CACACACC         CACACACC         CACACACC         CACACACC         CACACACACC         CACACACACACACACACACACACACACACACACACACA	3578	7452	O	14546	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36281
7419         UNCUECDU G AUGGGUGGU         115148         ACCACCOLO         GAGGGAAACUCCUUCAAGGACAUCGUCGGGG AUCAUGGA           7415         BUGCUGGU         14550         ACCACCACG         GGAGGAAACUCCCUUCAAGGACAUCGUCGGGG         AUGGGAAACUCCCUUCAAGGACAUCGUCGGGG         AUGGGAAACUCCCUUCAAGGACAUCGGGGGGAACAUCGGGGGGGAACAUCGUCGGGG         CACACCACG         GGAGGAAACUCCCUUCAAGGACAUCGGGGGGGAACAUCGUCGGGGGGGG	3587	7443	O	14547	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36282
7416         UGCANUGAU G GETUGUEGU         14559         ACCACACA GEAGGAAACUCCUUCAAGGACAUCGUICCGGG         AUCAGUCA           7415         GAUGUGGU         14550         CACCACACA GAAGGAAACUCCCUUCAAGGACAUCGUICCGGG         CAUCAGUC           7410         AUGGGUGG         14551         GAACGGCC         GAACGGCCC         GAACGGCCC         GAACGGCCC         GAACGGCCC         GAACGGCCC         GAACGGCCC         GAACGGCCC         GAACGCCCAGAU         14555         ACCGACAGA         14555         ACCGACAGA         ACCCACAGAA         14555         ACCGACAGA         ACCCACAGAACACCCCUUCAAGGACACUCGUCCGGGGCAGAACCCCUUCAAGGACACUCGUCCGGG         CAACACAGAACACCCCCACAACAGAACACCCCUUCAAGGACACACGGCCCGGGACAACCCCCUUCAAGGACACACGGCCCGGGGAAACCCCCUUCAAGGACACACGGCCCGGGGGAAACCCCCUUCAAGGACACACGGCCCGGGGGAAACCCCCUUCAAGGACACACGGCCCGGGGGAAACCCCCUUCAAGGACACACGGCCCGGGGGAAACCCCCUUCAAGGACACACGGCCGGGGGGAAACCCCCUUCAAGGACACACGGCCGGGGGGGAAACCCCCUUCAAGGACACACGGCCGGGGGGGG	3611	7419	O	14548	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36283
7415         GCAUGANIG G GUGUGGUG         14550         CACCACAC GGAGGAAACUCCUUCAAGGACAUCGUCCGGG CAUCAUGG           7410         ANGGGUGG         14551         GAGCGCAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGGG ACACCCCU           7410         ANGGGUGG         14551         GAGCGCAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGGG ACACCCCU           7394         CULAAUUCG         GACGGCCC         14553         GGAGGACGU         GGAGGAAACUCCCUUCAAGGACAUCGUCCCGGG         ACAGGACGU           7392         AAUUCUGG         GACCACCAU         14554         ACGGACGU         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         CAGGACGU           7350         AAUUCUGG         AACGGCCAU         14555         ACGGACGU         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         CGAGAAAUUA           7350         UUCUUCAG         AAUUCUGG         AACGGACGU         GGAGGAAACUCCCUUCAAGGACAUCGUCCCGGG         GGAGGAAACUCCCUUCAAGGACAUCGUCCCGGG         GGAGGAAACUCCCUUCAAGGACAUCGUCCCGGG         GGAGGAAACUCCCUUCAAGGACAUCGUCCCGGG         ACGGCACCAC         7356         GCCCGCGCG         GGAGGAAAACUCCCUUCAAGGACAUCGUCCGGG         ACGGCACCAC         7356         GCCCGCGCG         GGAGGAAAACUCCCUUCAAGGACAUCGUCCCGGG         ACGGCACCAC         7357         ACCCGCGCG         GGAGGAAAACUCCCUUCAAGGACAUCGUCCCGGG         ACGGCCAC         7358         ACCCGCGCG         ACGGCACCG         GGAGGAAAACUCCCUUCAAGGACAUCGUCCCGGG         ACGGCGCGCG         A	3614	7416	Ö	14549	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36284
7410         ANGEGIUGU G GUGGGCCC         14551         GAACGGCAA         GAAGGGAAACUCCCUUCAAGGACAUCGUCCGGG ACACAUUA           7394         CUAAUUUG G GAGGGAC         14552         GAAGGGAC         GAAGGACAACUCCCUUCAAGGACAUCGUCCGGG ACGAAUUA           7392         AAUUCUG G GACGUCGU         14552         ACGGACGU         GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAGAAUUA           7392         AAUUCUG G GACGUCGU         14554         ACGGACGU         GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAGAAUU           7393         AAUUCUGG         G GCCACAGU         14556         ACGGACGU         GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAGAAUU           7377         GUCUCACG         G GUGGCAUC         14556         ACGGACGG         GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG         GAGGACAC           7350         UUCUUCAU         AUUCCAGGC         GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG         GAGGACAC           7351         CCCCCCCGU         GAGGACAACUCCCUUCAAGGACAUCGUCCGGG         GAGGACAC           7352         CCCCCCCGU         GAGGACAACUCCCUUCAAGGACAUCGUCCGGG         GAGGACAC           7354         AUGCUCCG         GAGGACAACUCCCUUCAAGGACAUCGUCCGGG         GAGGACACC           7354         AUGCUCCG         GAGGACAACUCCCUUCAAGGACAUCGUCCGGG         GAGGACACC           7354         AUGCUCCG         GAGGGACACC         GAGGACACCCCCCGGGGGACACCCCCCGGGGGGGG	3615	7415	O	14550	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36285
7394         CUDADUCU G GGACGUICC         14552         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGANUUAA           7393         VANUUCUG G GACGUCCG         14554         ACGACGUC         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGGGGGGAGAAUUA           7383         AAUUCUGG G ACGUCCG         14554         ACGGACGG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           7383         AAUUCUGG         GACGUCGG         14554         ACGGACGG         GAGGAAACUCCCUUCAAGGACAUCGUCCGGG           7370         GUGGCCAC         GAGGAAACUCCCUUCAAGGACAUCGUCCGGG         GGGACGGG           7380         UUCUUCAG         GACGCACGG         14556         GAUGGCAC         GAGGAAACUCCCUUCAAGGACAUCGUCCGGG         GGGCCCAC           7324         AUGGCCAC         GAGGAAACUCCCUUCAAGGACAUCGUCCGGG         GGGCCCAC         7326         GCCCCCGGG         GGCGCGAGGAACCCCCUUCAAGGACAUCGUCCGGG         GGGCCCAC           7326         CCCCCGGGG         GCCCGCGGG         14559         GCCCGAACCG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         GGCGCGGG           7326         CCCCCGGGG         GCCCCGGGG         14560         CCCCCGAGGGGAAACUCCCUUCAAGGACAUCGUCCGGG         GGCGGGGG           7326         GCGCCACAC         GGAACACA         14562         AUGGGGC         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         GGCGGGGG           7284         ACCACGGG	3620	7410	Ø	14551	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36286
7393         URAUUCUG G GACCUCCG         14553         CGGACGUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAGAAUUA           7392         AAUUCUG G GACCACGAU         14554         ACGGACGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACGGAUU           7392         AAUUCUG G GCCACGAU         14556         AUCGUGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACGGACGU           7374         GUGGCCAC G AUGCCANC         14556         GAUGGGAU         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACGGACGA           7350         UUCUUCAU         GAUGCCAC         14557         GCCGGGAAU         GGAGGGAAACUCCCUUCAAGGACAUCGUCCGGG GGGGCACAC           7324         AUGAUUCC         GCCGCGUG         14559         ACCGGGAG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGGAACAC           7327         CCCCGCGUG         GGCUGAAC         14550         ACCGGAGG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGGAACAC           7326         GCCCGCTG         GGCUGAAC         14560         ACCCCCACG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           7256         GCCCGCTG         GGCUGACG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         GGCGCGGG           7256         GCCCCACCG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         GGCGCGGG           7256         GCCCACCG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         GGCGCGGG           7267         GCCACACG         GGAGGAGAACCCCUUCAACGGACCC	3636	7394	O	14552	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36287
7392         ANUDUGG G ACGUCCGG         14554         ACGGACGU GGAGGAAACUCCUUCAAGGACAUCGGCGGG CCAGAAUU           7383         ACGGCCGGA         14555         AUGGGAACCCUUCAAGGACAUCGGCGGG GCGGGAACCCUUCAAGGACAUCGCCGGG GCGGGAACCCCUUCAAGGACAUCGCCGGG GCGCGCGG           7370         GUCGCCACC         AUGGCCAUC         14557         GCCGGAAU         GGAGGAAACUCCCUUCAAGGACAUCGCCGGG GCAGGAACCCCUUCAAGGACAUCGUCCGGG GAACCCCCCCCGGG           7350         UUCUUCAG         AUGGCCAUC         14559         GCCGGAAC         GAGGGGAAACCCCCUUCAAGGACAUCGUCCGGG         GAACCACC           7324         AUGGGCU         GCCGCGCGG         GAGGGGAAACCCCCUUCAAGGACAUCGUCCGGG         GAACCACG           7326         CCCGCGCG         GCCGCACCC         GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG         GAACCAGG           7326         GCCGAACC         GAGGAAAACUCCCUUCAAGGACAUCGUCCGGG         GACGGCGG           7256         GCCCAACC         GAGGAAAACUCCCUUCAAGGACAUCGUCCGGG         GACGGCGGG           7256         UGCCAACC         GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG         GACGGGGG           7256         UGCCAACC         GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG         GACGGGGGG           7257         GCCAACCG         GAACCAUG         GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG         GACGGGGG           7256         CCAACACG         GAACCAUG         GAAGGGAAACUCCCUUCAAGGACAUCGUCCGGG <td>3637</td> <td>7393</td> <td>២</td> <td>14553</td> <td>GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG</td> <td>36288</td>	3637	7393	២	14553	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36288
7383         ACGUCCGU G GCCACGAU         14555         AUCGUGGA GARGAAACUCCCUUCAAGGACAUCGUCCGGG ACGACGACAUCGUCCGGG         ACGACCACC           7377         GUGGCCAC         G AUGCCCAC         G AUGCCCAC         14556         GCCGGAAA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         GUGAGAAACUCCCUUCAAGGACAUCGUCCGGG         GUGAGAAACUCCCUUCAAGGACAUCGUCCGGG         GUGAGAAACUCCCUUCAAGGACAUCGUCCGGG         GAAAUCGGG         GAAAUCGGG         GAACCGAG         GAACGAGG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         GAACGGGG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         GAACGGGG         GAACGAGG         GAACGAGGG	3638	7392	O	14554	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36289
1317   GUGGCCAC G AUGCCAUC   14556   GAUGGCAA GAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUGGCCAC   17350   UUCUUCAU G AUGCCGCC   14557   GCCGGAAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAAUCAU   14559   GCCGGCGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAAUCAU   1252   GCCGCGCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAAUCAU   1252   GCCGCCGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGCGG CGGCGGG CGCCGCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGCGG CGCGCGG GGAGCAAACUCCCUUCAAGGACAUCGUCCGGG GGAGCGG CGCGCGG GGAGCAAACUCCCUUCAAGGACAUCGUCCGGG GGAGCGG CGCGCGG GGACCAGC GGAGCAAACUCCCUUCAAGGACAUCGUCCGGG CGGUUGGC   14560   CACCAACCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGGUUGGC   14561   AAUGCGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGGUUGGC   14561   AAUGCGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGGUUGGC   14561   ACCAUGUN G GCAACCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGGUUGGC   14561   ACCAUGUN G GCAACAG GAACACAU   14562   ACCAUGUN G GCAACAG GAACACAU   14564   ACCAUGUN G GCAACAG GAACACAC GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGGUUGGC   14567   CACAACAG GAACACUCCCUUCAAGGACAUCGUCCGGG CGGUUGGC   14567   CACAACAG GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGGUUGGC   14567   CACAACAG GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUUUCAGGCC CAGAAAAA G GAGGUUGG GAACACUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUUUCAGGCC CAGAAAAA G GAGGUUGG GAACACUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUUUCAAGGACAUCGUCCGGG CUUUCAAGGACAUCGUCCGGG CUUUCAAGGACAUCGUCCGGG CUUCUUCAAGGACAUCGUCCGGG CUUCUUCAAGGACAUCGUCCGGG CUCCUUCAAGGACAUCGUCCGGG CUCCUUCAAGGACAUCGUCCGGG CUCCUCAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUCCCGGU CACACCGG GAAGCACAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUCCCCCUCAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUCCCGGU CACCGUUCAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUCCCCCCUCAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUCCCCCCCCCC	3647	7383	O	14555	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36290
7350         UUCUUCAU G AUUCCGGC         14557         GCCGGAAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUGAAGAA           7344         AUGAUUCC G GCCGCUGU         14558         ACAGCGGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGGAACUCCGUCCGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAGCGGGCG           7327         CCGCCGCU G GCCUGAGC         GGCUCAGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAGCGGCG           7326         CGCCCGCU G AGCGCAUU         14561         AAUGGUUC         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAGCGGCGC           7226         CGCCCACC G GGAGCAACUC         GGAGCGAAC         14562         AUGGUUC         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         CAGCGGCG           7226         UGCCAACC         G GAACCAUG         14562         AUGGUUC         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         CAGCGGCG           7226         UGCCAACC         G GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG         CAGCGUGG         ACAUGGUU         GGCGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         CAGCGUGG           7224         ACCAUGUA         14564         ACAUGGUU         GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG         CAGGUUGGC           7224         ACCAUGUA         14564         ACAUGGUU         GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG         CAGCUUGGC           7242         ACCAUGUA         14569         ACCCUCAC         GAGGGAAACUCCCUUCAAGGACAUCGUCCCGGG         CAGGUUGGC           7242 <t< td=""><td>3653</td><td>7377</td><td>O</td><td>14556</td><td>GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG</td><td>36291</td></t<>	3653	7377	O	14556	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36291
7344         AUGAUUCC G GCCGCUGU         14558         ACAGCGGC GGAGGAACUCCUUCAAGGACAUCGUCCAGGG GGAAUCAU           7327         CCGCCGCU G GGCUGAGC         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGCGGCG           7328         CGCCGCU G GGCUCAGC         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         AGCGGCGC           7329         GCUCAACC G GAACCAUG         14561         AAUGCGUU         GGAGGAACCCCUUCAAGGACAUCGUCCGGG           7296         UGCCAACC         G GAACCAUG         14562         AUGGUUC         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           7296         UGCCAACC         G GAACCAUG         14563         AUGGUUC         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           7294         CCAACCG         G AACCAUGU         14564         ACAUGGUU         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           7284         ACCAUGU         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         CGGUUGGCA           7284         ACCAUGU         GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG         CGGUUGGCA           7267         GCAAAAAA         14566         UUUUUUGC         GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG         UUUUUUGC           7267         GCAAAAAA         GACACCU         GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG         UUUUUUGC         CAACACUC         GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG         UUUUUUGC           7267         GCAAAAAA         AACCAUU	3680	7350	Ø	14557	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36292
7327   CCGCCGCU G GGCUGAGC   14559   GCUCAGCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGCGGCGG CAGCGGCG CAGCGCG CAGCGGC CAGCGGC CAGCGCG CAGCGGC CAGCGCG CAGCGGC CAGCGGC CAGCGCG CAGCGGC CAGCGGC CAGCGGC CAGCGCG CAGCGGC CAGCGCG CAGCGCCG CAGCGCCG CAGCGCCG CAGCGCCG CAGCGCCG CAGCGCCG CAGCGCCCCCCCC	3686	7344	O	14558	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36293
7326         CGCCGGUG G GCUGAGCG         14560         CGCUCAGC GGAGGAAACUCCCUUCAAGGACAUCGUCGGG CAGCGGCG           7322         GCUGGGU G AGCGCAUU         14561         AAUGCGCU GGAGGAAACUCCCUUCAAGGACAUCGUCGGG AGCCCAGC           7296         UGCCAACC G GGACCAUU         14562         AUGGUUCC GGAGGAAACUCCCUUCAAGGACAUCGUCGGG AGCUUGGC           7294         CCAACACG G AACCAUGU         14564         ACAUGGUU GGAGGAAACUCCCUUCAAGGACAUCGUCGGG CCGUUGGC           7294         CCAACAGG G AACCAUGU         14564         ACAUGGUU GGAGGAAACUCCCUUCAAGGACAUCGUCGGG CCGGUUGG           7294         ACCAAAAAA         14566         UUUUUUGC GGAGGAAACUCCCUUCAAGGACAUCGUCGGG CUUUUUGC           7267         GCAAAAAA         14566         UUUUUUGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUUUUGC           7267         GCAAAAAA         14569         ACCCUCAC           7242         ACCGUAAC         GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG UUUUUGC           7242         ACCGUAAC         14569         ACCCUCAC           7234         ACCGUAAC         14569         ACCCUCAC           7237         AACGGUGA         14569         ACCCUCAC           7237         AACGGUGA         14570         CAACACC           7234         ACCGUAAC         GGAGGGAAACCCCUUCAAGGACAUCGUCGGG CUUUUUGGGG CUUUCAAGGACAUCGUCCGGG CUUUUUGGG           7234 </td <td>3703</td> <td>7327</td> <td>ဗ</td> <td>14559</td> <td>GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG</td> <td>36294</td>	3703	7327	ဗ	14559	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36294
7322   GCUGGGCU G AGCGCAUU   14561   AAUGCGCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGCCCAGC     7296   UGCCAACC G GGAACCAU   14562   AUGGUUCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGUUGGCA     7294   GCCAACCGG G AACCAUGU   14563   CAUGGUUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGGUUGGC     7294   ACCAUGUA G GAACAAAA   14565   CACUAGGUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCGGUUGG     7284   ACCAUGUA G GCAAAAAA   14565   CACUAUGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUCUUUGC     7266   GGCAAAAAA G GAGUGUUG   14567   CACACUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUUUUUGC     7267   GCAAAAAA G GAGUGUUG   14569   ACCCCUCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUUUUUGC     7285   ACCGUUAA G GAGUGUUG   14569   ACCCCUCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUUUUUUGC     7286   ACCGUUAA G GGUGACUU   14571   AAGUCACC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUACCGUU     7237   AACGGUUA G GGUGACUU   14571   AAGUCACC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCACCGUU     7236   ACCGUUAA G GGUGACUU   14571   AAGUCACC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCACCGUU     7237   AACGGUUA G GGUGACUU   14571   AAGUCACC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUACCGUU     7238   GUGAGGGU G ACUUGUCC   14573   GGACAACU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUACCGUC     7239   GUGAGGGU G ACUGUUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCUCCCGG GGAGGAAACUCCCUUCAAGGACACUCGUCCGGG GCUCCCGGG GCUCCCGGG GCUCCCCUCCCU	3704	7326	ပ	14560	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36295
1296   UGCCAACC G GGAACCAUG   14562   AUGGUUCC GGAGGAACCUCCAAGGACACCCUCCAGGG GGUUGGCA     1296   GCCAACCG G GAACCAUG   14563   CAUGGUUC GGAGGAACCUCCAAGGACACCCCUCCAGGG CGGUUGGC     1294   CCCAACCG G AACCAUGU   14564   ACAUGGUU GGAGGAACCUCCAAGGACACCCCUCCAGGG CGGUUGGC     1284   ACCAUGUA G GCAAAAAA   14565   CACUAUGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCGGUUGG     1267   GGCAAAAAA G GAGUGUUG   14565   CACUAUGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUUUUUGC     1267   GCAAAAAA G GAGUGUUG   14566   UUUUUUGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUUUUUUGC     1267   GCAAAAAA G GAGUGAUG   14569   ACCCUCAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUUUUUUGC     1286   GCAAAAAA G GAGUGAUC   14569   ACCCUCAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUUUUUUGC     1287   ACGGUGA G GGUGACUU   14571   AAGUCACC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCACCGUU     1287   AACGGUGA G GGUGACUU   14571   AAGUCACC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCACCGUU     1287   AACGCUAA G GUGACUAG   14572   CAAGUCAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUCACCGUU     1288   ACCCUCAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUCACCGUU     1289   ACCUCAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUCACCGUU     1290   ACUUGUCC   14572   CAAGUCAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUCACCGU     1290   ACUUGUCC   14573   GGACAAGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUCACCGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGGAAACUCCCUUCAAGGACAUCGGG GGAGGAAACUCCCUUCAAGGACAUCGGG GGAGGAAACUCCCUUCAAGGACAUCGGG GGAGGAAACUCCCUUCAAGGACAUCGGG GGAGGAAACUCCCUUCAAGGACAUCGGG GGAGGAAACUCCCUUCAAGGACAUCGGG GGAGGAAACUCCCUUCAAGGACAUCGGG GGAGGCGGG GGAGGAAACUCCCUUCAAGGACAUCGGG GGAGGCGGGAAACUCCCUUCAAGGACACCGG GGAGGAAACUCCCUUCAAGGACAUCGGG GGAGGCGGGGAAACUCCCUUCAAGGACAUCGGG GGAGGCGGGAAACUCCCUUCAAGGACAUCGGG GGAGGCGGGGAAACUCCCUUCAAGGACAUCGGG GGAGGCGGGGGAAACUCCCUUCAAGGACAUCGGG GGAGGCGGGAAACUCCCUUCAAGGACAUCGGG GGAGGCGGGGAAACUCCCUUCAAGGACACGG GGAGGGAAACUCCCUUCAAGGACACGG GGAGGAAACUCCCUUCAAGGACACCGGG GGAGGAAACUCCCUUCAAGGACACGG GGAGGAAACUCCCUUCAAGGACACCGGG GGAGGAAACCCCUUCAAGGACACGGGGGGAAACACCCUUCAAGGACACCAUCCAGGG GGAGGAAACACCCUUCAAGGACACACCAUCACCGGG GGAGGA	3708	7322	o	14561	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36296
7295   GCCAACCG G GAACCAUG   14563   CAUGGUUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGG CGGUUGGC   7294   CCCAACCGG G AACCAUGU   14564   ACAUGGUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCGGUUGG   7284   ACCAUGU G GCAAAAA   14565   CACUAUGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UACAUGGU   7267   GCAAAAA G GAGUGUUG   14567   CAACACU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUUUUUGC   7267   GCAAAAA G GAGUGUUC   14568   GCAACACU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUUUUUGC   7266   CAAAAAA G GAGUGAC   14569   ACCCUCAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUUUUUGC   7239   GUAACGGU G AGGUGACU   14570   GUCACCCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUUUUUGC   7237   AACGGUGA G GUGAACUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUACGGU   7237   AACGGUGA G GUGACUU   14571   AAGUCAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCACCGUU   7237   AACGGUGA G GUGACUU   14571   AAGUCAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCACCGUU   7237   AACGGUGA G GUGACUU   14571   AAGUCAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCACCGUU   7237   AACGGUGA G GUGACUU   14571   AAGUCAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUGACCGU   7236   ACGUGUAC G GUGACACU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUGACCGU   7237   GUCACGGU G ACUUGUCC GGAGGGAAACUCCCUUCAAGGACAUCGUCCGGG GUGACCGU   7236   ACGUGUAC G GGAGGAAACUCCCUUCAAGGACAUCCGUCCGGG GUGACCGU   7237   GUCACCGU G ACGUCAC GGAGGAAACUCCCUUCAAGGACAUCCGGG GAGCCGG GCUCCUC GGAGGGAAACUCCCUUCAAGGACAUCCGGG GAGCCGCG GGAGGAAACUCCCUUCAAGGACAUCCGGG GAGCCGCG GGAGGAAACUCCCUUCAAGGACAUCCGGG GAGCCGCG GGAGGAAACUCCCUUCAAGGACAUCCGGG GAGCCGCG GGAGGGAAACUCCCUUCAAGGACAUCCGGG GAGCCGCG GGAGGGAAACUCCCUUCAAGGACAUCCGGG GAGCCGCG GGAGGGAAACUCCCUUCAAGGACAUCCGGG GAGCCGGG GAGCCCCUUCAACGGACAUCCGGG GAGCCGCG GGAGGGAAACUCCCUUCAAGGACAUCCGGG GAGCCGCG GGAGGGAAACUCCCUUCAAGGACAUCCGGG GAGCCGCG GGAGGAAACUCCCUUCAAGGACAUCCGGG GAGCCGCG GGAGGGAAACUCCCUUCAAGGACAUCCGGG GAGCCCCUCCAGCG GAGCCCCUUCAACGA GAGCCGG GAGCCCCCUCCAGCG GAGCCCCCUCCAACCCCUCCAGCG GAGCCCCCCCCCC	3734	7296	v	14562	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36297
7294         CCAACCGG G AACCAUGU         14564         ACAUGGUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCGGUUGG           7284         ACCAUGUA G GCAUAGU         14565         CACUAUGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UACAUGGU           7276         GGCAAAAAA         14566         UUUUUUGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACUUUUUGC           7267         GCAAAAAA         14567         CAACACUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUUUUUGC           7242         ACCGUUAC         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUUUUUGC         GCAACACC           7242         ACCGUUAC         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUUUUUGC           7239         GUAACGGU         ACCCUCAC         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUUUUUGC           7239         GUAACGGU         AAGGUACA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUUUUUGC           7231         AACGGUAC         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUACCGUUACGGG         ACCGUUAC           7234         AACGGUAC         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUACCGGG         ACCGUUAC           7234         AACGGUAC         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUACCGGG         ACCGUUAC           7234         AACGGUAC         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUACCGGG         ACCGUUAC           7235         GUGAGGCU         14571         AAGUCAC         GAAGGAGA         GAAGGCCC           7235 </td <td>3735</td> <td>7295</td> <td>Ö</td> <td>14563</td> <td>GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG</td> <td>36298</td>	3735	7295	Ö	14563	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36298
7284         ACCAUGUA G GCAUAGUG         14565         CACUANGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UACAUGGU           7276         GGCAAAAAA         14566         UUUUUUGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACUAUGCC           7267         GCAAAAAA G GAGUGUUG         14567         CAACACUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUUUUUGC           7266         CAAAAAAA G AGUGUUG         14569         ACCCUCAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUUUUUGC           7242         ACCGUAAC         GUCACCCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUUUUUGC         GUUUUUUGC           7239         GUAACGGU         14570         GUCACCCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUACGGU           7234         AACGGUAAC         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUACGGU         ACCGUUAC           7235         AACGGUAAC         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUACCGGU         ACCGUUAC           7236         ACCGUACG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUACCGGG         ACCCUCAC           7236         ACCGUACG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUACCGGG         ACCCUCAC           7236         ACGGUACG         GAAGUCAC         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCACCGGG           7237         ACGGUACG         GAAGUCAC         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCACCGGG           7238         GUGAGGAG         GAAGUCAC         GAAGUCAC         GAAGUCAC	3736	7294	Ö	14564	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36299
7276         GGCAUAGU G GCAAAAAA         14566         UUUUUUGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACUAUGGC           7267         GCAAAAAA G GAGUGUG         14567         CAACACUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUUUUUGC           7266         CAAAAAAG G AGUGUUG         14568         GCAACACCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUUUUUUG           7242         ACCGUAAC         GUCACCCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUUUUUUGC         ACCGUAAC           7239         GUAACGGU         14570         GUCACCCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUUUUUGC           7237         AACGGUGA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUUUUACGU           7234         AACGGUGA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUUCACGGG CUUCACGGG           7235         ACCGUAC         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUCACGGG           7234         AACGGUGA         GGACAAAGU         GGACAAAGU           7235         GUGAGCOU         14571         AAGUCAC         GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUCACGGG           7236         ACGGUGA         GGACAAAGU         GGACAAAGU         GGACCCCCUCACCGGGACAACGACCCUUCAAGGACAUCGUCCGGG         GCACCCCGG           7237         ACGGUGA         GCUGCUAC         GGACCAAGU         GGACCAAGU         GGACCACCCCUCACAAGGACAACGACCCCUCCAGG         GCACCCCCCCCCCCCCGGG           7234         GCCGCCCAG         GGACCCCCCCCCCCCCCC	3746	7284	ט	14565	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36300
7267         GCAADAAAA G ARGUGUUG         14567         CAACACUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUUUUUG           7266         CAAAAAAG G AGUGUUGC         14568         GCAACCACU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUUUUUUG           7242         ACCGUAAC         GUGAGCACUCGUCCCUUCAAGGACAUCGUCCGGG GUUACGGU           7239         GUAACGUA         14570         GUCACCCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUACCGUUA           7234         AACGGUAAC         14571         AAGUCACC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCACCGUU           7235         ACGGUAAC         14571         AAGUCACC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCACCGUU           7236         ACGGUAAC         GGACAAAGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCACCGUU           7239         GUGAGGACA         GAACAAAGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCACCGGU           7239         GUGAGGACA         GAACAAAGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCACCGGU           7231         GUGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCACCGGG GAUGCGCGG         TAACCGUAC           7232         GUGAGGACAAGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAUGCGCGG         TAACCGUAC           7234         GUCACCUAC         GGACCACCC         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAUCCGGG           7204         UGCUACCG         GAGCUCUC         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGGAACCCUUCAAGGACAUCGUCCGGG GGAUGCGGG           7201         UGCUACCG         GAGGCU	3754	7276	ල	14566		36301
7266         CAAAAAAA         G AGUGUUGC         14568         GCAACACUC         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         CUUUUUG           7242         ACCGUAAC         G BAGGAAACUCCCUUCAAGGACAUCGUCCGGG         GUUACGGU           7239         GUAACGGU         A AGGGUGAC         GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG         ACCGUUAC           7237         AACGGUGA         G GGUGACCU         GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG         UCACCGUU           7236         ACGGUGAG         G GUGACUUG         GAAGUCAC         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         UCACCGUU           7239         GUGAGGGG         G ACUUGUCC         14572         CAAGUCAC         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         UCACCGGU           7233         GUGAGGGG         G ACUUGUCC         14573         GGACAAAG         GGACAAAG         GGACAAACG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         UCACCCCUCAC         GGACAAAC         GGACAAAC         GGACAACC         GGACAACC         GGACAAACC         GGACAAACC         GGACAACC         GGACAAACC         GGACAACC         GGACAACC         GGACAACC         GGACAACC         GGACAACC         GGACAACC         GGACACCCUUCAAGGACAUCGUCCCGGG         GCCUCAC         GGACACCCUCCCUCACAACACCCUCCAGG         GCCUCAC         GGACACCCUCACACACACCCUCCACACACACACACCCCCCCC	3763	7267	O	14567		36302
7242         ACCGUARC G GUGAGGGU         14569         ACCCUCAC GAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUUACGGU           7239         GUAACGGU G AGGGUGAC         14570         GUCACCCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACCGUUC           7237         AACGGUGA G GGUGACUU         14571         AAGUCAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCACCGUU           7236         ACGGUGAG G GUGACUUG         14572         CAAGUCAC GGAGGAAACUCCCUUCAAGGACAUCGUCGGG CUCACGUU           7233         GUGAGGGU G ACUUGUCC         14573         GGACAAGU GGAGGAAACUCCCUUCAAGGACAUCGUCGGG GCCUCAC           7234         CAGCAUCC         GCGCUCCU         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG GGAUGCAC           7235         GUGAGCGU         ACUUGUC         GGACCAACG         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG GGAUGCUCAC           7204         UGCUCCUC         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG GGAUGCAC         TASTS         CGGCUCUC         GGAGGGAAACUCCCUUCAAGGACAUCGUCGGG GGAUGCAC           7203         GCUAGCAC         GAGGCUCU         GGAGGGAAACUCCCUUCAAGGACAUCGUCGGG GGAUGCAC         TASTS         UGGGCUCU         GGAGGGAAACUCCCUUCAAGGACAUCGUCGGG GGAUGCAC           7201         UAGCAGCA         TASTS         UCGGCUCU         GGAGGGAAACUCCCUUCAAGGACAUCGUCGGG GGGAACCACCCUUCAAGGACAUCGUCGGG GGGAACCACCACCACACACACACACACACACACAC	3764	7266	ซ	14568	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36303
7239         GUAACGGU G AGGGUGAC         14570         GUCACCCU GGAGGAAACUCCCUUCAAGGACAUCGUCGGG ACCGUUAC           7237         AACGGUGA G GGUGACUU         14571         AAGUCACC         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG UCACCGUU           7236         ACGGUGAG G GUGACUUG         14572         CAAGUCAC         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG CUCACCGU           7233         GUGAGGU G ACUUGUCC         14573         GGACAAGU GGAGGAAACUCCCUUCAAGGACAUCGUCGGG ACCCUCAC           7215         CAGCAUCC         GCUGCUAG         14574         CUGAGGAAACUCCCUUCAAGGACAUCGUCGGG GGAUGCU           7204         UGCUAGCG         14575         CGGCUCU         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG GGAUGCA           7203         GCUAGCAG         GAGGGCUC         GGAGGCACUC         GGAGGCAAACUCGUCCAUCCAGGGACAUCGUCGGG UGCUAGCA           7201         UAGCAGCA         14575         UCGGCUCU         GGAGGGAAACUCCCUUCAAGGACAUCGUCGGG UGCUAGCA           7201         UAGCAGCA         14577         UCGGCUCU         GGAGGGAAACUCCCUUCAAGGACAUCGUCGGG UGCUAGGA	3788	7242	O	14569	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36304
7237         ÀACGGUGA G GGUGACUU         14571         AAGUCACC GGAGGAAACUCCCUUCAAGGACAUCGUCGGG UCACCGUU           7236         ACGGUGAG G GUGACUUG         14572         CAAGUCAC GGAGGAAACUCCCUUCAAGGACAUCGUCGGG CUCACCGU           7233         GUGAGGGU G ACUUGUCC         14573         GGACAAGU GGAGGAAACUCCCUUCAAGGACAUCGUCGGG ACCUCAC           7215         CAGCAUCC G GCUGCUAG         14574         CUAGCAGC GGAGGAAACUCCCUUCAAGGACAUCGUCGGG GGAUGCUG           7204         UGCUAGCA         14575         CGGCUCUC         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG UGCUAGCA           7203         GCUAGCAG         14576         UCGGCUCU         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG UGCUAGCA           7201         UAGCAGGA         14577         UGUCGCUC         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG UGCUAGCA	3791	7239	0	14570	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36305
7236 ACGGUGAG G GUGACUUG 14572 CAAGUCAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUCACCGU C 7233 GUGAGGGU G ACUUGUCC 14573 GGACAAGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACCUCAC C 7215 CAGCAUCC G GCUGCUAG 14574 CUAGCAGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAUGCUG 7204 UGCUAGCA G GAGAGCCG 14575 CGGCUCUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGCUAGCA 7203 GCUAGCAG AAGACCG  14576 UCGGCUCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGCUAGCA 7201 UAGCAGGA G AGACCGAC 14577 UGUCGGCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCCUGCUAGCA 14577 UGUCGGCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCCUGCUAGCA 14577 UGUCGGCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCCUGCUAG	3793	7237	O	14571	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36306
7233 GUGAGGGU G ACUUGUCC 14573 GGACAAGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACCCUCAC 7215 CAGCAUCC G GCUGCUAG 14574 CUAGCAGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAUGCUG 7204 UGCUAGCA G AGAGCCG 14575 CGGCUCUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGCUAGCA 7203 GCUAGCAG G AGAGCCGA 14576 UCGGCUCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGCUAGCA 7201 UAGCAGGA G AGACCGACA 14577 UGUCGGCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCCUGCUAGCA 7201 UAGCAGGA G AGACCGACA 14577 UGUCGGCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCCUGCUA	3794	7236	ß	14572	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36307
7215 CAGCAUCC G GCUGCUAG 14574 CUAGCAGC GGAGGAAACUCCCUUCAAGGACAUCGUCGGG GGAUGCUG GGAUGCUG GGAGGAAACUCCCUUCAAGGACAUCGUCGGG UGCUAGCA 14575 CGGCUCUC GGAGGAAACUCCCUUCAAGGACAUCGUCGGG UGCUAGCA 14576 UCGGCUCU GGAGGAAACUCCCUUCAAGGACAUCGUCGGG CUGCUAGC 1201 UAGCAGGA G AGACCGACA 14577 UGUCGGCU GGAGGAAACUCCCUUCAAGGACAUCGUCGGG UCCUGCUAGC 1201 UAGCAGGA G AGACCGACA 14577 UGUCGGCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCCUGCUAG	3797	7233	ტ	14573	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36308
7204         UGCUAGCA G AGAGCCG         14575         CGGCUCUC         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG         UGCUAGCA           7203         GCUAGCAG         AGAGGACA         14576         UCGGCUCU         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG         CUGCUAGC           7201         UAGCAGGA         14577         UGUCGGCU         GGAGGAAAACUCCCUUCAAGGACAUCGUCGGG         UCCUGCUA	3815	7215	ტ '	14574	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36309
7201 GCUAGCAGA G AGAGGCCGA 14576 UCGGCUCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUGCUAGC 7201 UAGCAGGA G AGCCGACA 14577 UGUCGGCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCCUGCUA	3826	7204	ซ	14575	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36310
7201 UAGCAGGA G AGCCGACA 14577 UGUCGGCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCCUGCUA	3827	7203	Ð	14576	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36311
	3829	7201	0	14577	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36312

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3834	7196	GGAGAGCC G ACACUCCA	14578	UGGAGUGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGCUCUCC	36313
3848	7182	CCAACAUC G ACGAAGGG	14579	CCCUUCGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAUGUUGG	36314
Щ	7179	ACAUCGAC G AAGGGGAA	14580	UUCCCCUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUCGAUGU	36315
3854	7176	υ	14581	GGCUUCCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUCGUCGA	36316
	7175	CGACGAAG G GGAAGCCU	14582	AGGCUUCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUUCGUCG	36317
Н	7174	O	14583	GAGGCUUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCUUCGUC	36318
3857	7173	Ð	14584	CGAGGCUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCCUUCGU	36319
3869	7161	CCUCGCGC G AGUGUGAA	14585	UUCACACU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCGCGAGG	36320
3875	7155	GCGAGUGU G AAUAGUGC	14586	GCACUAUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACACUCGC	36321
3892	7138	ACTUGGCU G AACGUUUA	14587	UAAACGUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGGCAAGU	36322
$\vdash$	7127		14588	AUUGACCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAUAAACG	36323
3905	7125	UUUAUUGA G GUCAAUGA	14589	UCAUUGAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCAAUAAA	36324
	7118	9	14590	CAACACCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUUGACCU	36325
3914	7116	GUCAAUGA G GUGUUGAU	14591	AUCAACAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCAUUGAC	36326
3920	7110	GAGGUGUU G AUGUAAUC	14592	GAUUACAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AACACCUC	36327
3930	7100	UGUAAUCU G ACGUGAUC	14593	GAUCACGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGAUUACA	36328
3935	7095	UCUGACGU G AUCAAAUG	14594	CAUTUGAU GOAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACGUCAGA	36329
H	7076	9	14595	CCUCACUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACUGCUAA	36330
3955	7075	UAGCAGUG G AGUGAGGA	14596	UCCUCACU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CACUGCUA	36331
3959	1002	AGUGGAGU G AGGACCGC	14597	GCGGUCCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACUCCACU	36332
3961	6902	UGGAGUGA G GACCGCUG	14598	CAGCGGUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCACUCCA	36333
_	9904	Ð (	14599	ACAGCGGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUCACUCC	36334
Н	7043	CGUACAGU G ACCAGGCU	14600	AGCCUGGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACUGUACG	36335
Н	7038	J G	14601	GCAACAGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGGUCACU	36336
4002	7028	CUGUUGCC G GCCUCAAG	14602	CUUGAGGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGCAACAG	36337
4018	7012	GUCCAAAA G AAACUCUC	14603	GAGAGUUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUUUGGAC	36338
	9669	JG	14604		36339
4046	6984	5	14605	AUUGAGGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAGGAGAA	36340
	6942	ט	14606	GAUAAGAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAGAGUGA	36341
-	6915	G	14607	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36342
4135 (	6895	O	14608	UCAUGACC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUGUGAGC	36343
4136 (	6894	CUCACAAG G GUCAUGAC	14609	GUCAUGAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUUGUGAG	36344
Н	6888	J G	14610	AUTUGUGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUGACCCU	36345
4153 (	6877	ACAAAUCA G GAACACGG	14611	cceuguuc geaggaaacucccuucaaggacaucguccege ugauuugu	36346
Н	9289	Ð	14612	GCCGUGUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUGAUUUG	36347
4160	6870	D C	14613	CAGCUAGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUGUUCCU	36348
4168 (	6862	GECUAGOU G GUUGUOUG	14614	CAGACAAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGCUAGCC	36349
Н	6848	CUGUCUGC G AACGUUGC	14615	GCAACGUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCAGACAG	36350
	6833	GCUUCUCU G GCUCAGGA	14616	UCCUGAGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGAGAAGC	36351
4203 (	6827	CUGGCUCA G GAAUUAGC	14617	GCUAAUUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGAGCCAG	36352

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4223	6807	,			36354
4225	6805	CAUCAAGA G AAGGGAGA	14620	UCUCCCUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCUUGAUG	36355
4228	6802	CAAGAGAA G GGAGAGCA	14621	UGCUCUCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUCUCUUG	36356
4229	6801	AAGAGAAG G GAGAGCAG	14622	CUGCUCUC GGAGGAACUCCCUUCAAGGACAUCGUCCGGG CUUCUCUU	36357
4230	6800	AGAGAAGG G AGAGCAGC	14623	GCUGCUCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCUUCUCU	36358
4232	6798	A G	14624	UUGCUGCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCCCUUCU	36359
4247	6783	AACAUUCC G GCGAUCUU	14625	AAGAUCGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAAUGUU	36360
4250	6780	AUUCCGGC G AUCUUCGU	14626	ACGAAGAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCCGGAAU	36361
4263	2929	UCGUUCCU G GAACUUCA	14627	UGAAGUUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGGAACGA	36362
4264	99/9	CGUUCCUG G AACUUCAG	14628	CUGAAGUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAGGAACG	36363
4283	6747	v	14629	ACCUUUUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGUUGGAU	36364
4289	6741	CAGAAAAA G GUCGCGAC	14630	GUCGCGAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUUUUCUG	36365
4295	6735	AAGGUCGC G ACUCCCAA	14631	UUGGGAGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCGACCUU	36366
4304	6726	ACUCCCAA G ACAGCGCC	14632	GGCGCUGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUGGGAGU	36367
4349	6681	CGCUGCAU G AGGAGGAA	14633	UUCCUCCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUGCAGCG	36368
4351	6299	CUGCAUGA G GAGGAAGA	14634	UCUUCCUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCAUGCAG	36369
4352	8299	UGCAUGAG G AGGAAGAA	14635	UUCUUCCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUCAUGCA	36370
4354	9299	O	14636	UAUUCUUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCCUCAUG	36371
4355	6675	AUGAGGAG G AAGAAUAC	14637	GUAUUCUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUCCUCAU	36372
4358	6672	AGGAGGAA G AAUACUCC	14638	GGAGUAUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUCCUCCU	36373
4370	0999	ACUCCCAU G GUCAUCAC	14639	GUGAUGAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUGGGAGU	36374
4388	6642	CUCAAUAA G GCAAUCAA	14640	UUGAUUGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUAUUGAG	36375
4397	6633	ත	14641	ACAAUUGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUGAUUGC	36376
4408	6622	AAUUGUCU G AAGAGCAU	14642	AUGCUCUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGACAAUU	36377
4411	6199	UGUCUGAA G AGCAUCUG	14643	CAGAUGCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUCAGACA	36378
4419	6611	GAGCAUCU G GCAGUUCC	14644	GGAACUGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGAUGCUC	36379
4432	8659	UUCCUCCA G GGCCAUUC	14645	GAAUGGCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGGAGGAA	36380
4433	6597	uccuccag g gccauucu	14646	AGAAUGGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUGGAGGA	36381
4444	9859	ט	14647	GAAGAGCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACAGAAUG	36382
4469	1959	ט	14648		36383
4484	6546	ACGUACAU G GUGUCAAG	14649	CUUGACAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUGUACGU	36384
4514	6516	uncecean e aagueene	14650	GAGCACUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUGGGGAA	36385
4524	9059	AGUGCUCA G GCAUCUUU	14651	AAAGAUGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGAGCACU	36386
4537	6493	ტ	14652	UUGAGGUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGGGAAAG	36387
4547	6483	ტ	14653	AUAGGGCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUUGAGGU	36388
4558	6472	CCCUAUCU G AGAACGUU	14654	AACGUUCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGAUAGGG	36389
4560	6470	A G	14655	AAAACGUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCAGAUAG	36390
4572	6458	GUUUUCCC G AGGCGAAG	14656	CUUCGCCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGGAAAAC	36391
4574	6456	UUUCCCGA G GCGAAGUC	14657	GACTUTCGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCGGGAAA	36392

Table XI

4577	6453	CCCGAGGC G AAGUCCUU	14658	AAGGACUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCCUCGGG	-	36393
4586	6444	AAGUCCUU G AACGCCUU	14659	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	$\vdash$	36394
4603	6427	UAGUGCCU G GUGAUCCG	14660	CGGAUCAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGGCACUA	-	36395
4606	6424	J G	14661	ACUCGGAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACCAGGCA		36396
4611	6419	9	14662	GOUGUACU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAUCACC		36397
4622	6408	UACACCCU G GCGUCAAU	14663	AUUGACGC GGAGGAACUCCCUUCAAGGACAUCGUCCGGG AGGGUGUA	_	36398
4638	6392	UCCAGCGC G GCCUCAGA	14664	UCUGAGGC GGAGGAACUCCCUUCAAGGACAUCGUCCGGG GCGCUGGA	_	36399
4645	6385	COCCOCY G PANCINGS	14665	GGAAGAUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGAGGCCG	-	36400
4670	6360	AGCUUCGU G AUGACUUC	14666	GAAGUCAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACGAAGCU	-	36401
4673	6357	UUCGUGAU G ACUUCCAC	14667	GUGGAAGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUCACGAA	$\vdash$	36402
4716	6314	Ø	14668	UGAUGGUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UAGGACAA		36403
4717	6313	UGUCCUAG G ACCAUCAA	14669	UNGAUGGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUAGGACA		36404
4738	6292	CCACCUCC G GUCGUGGU	14670	ACCACGAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGGUGG	-	36405
4744	6286		14671	UGUCAUAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACGACCGG	-	36406
4749	6281	g G	14672	UGGAGUGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUACCACG	H	36407
4788	6242	ם	14673	AGAUCUGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGUUUGGC		36408
4792	6238	) G	14674	CUGCAGAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGCCAGUU		36409
4816	6214	D V	14675	AAAACUUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGGAACUG	-	36410
4841	6189	1 G	14676	UACCGGCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGAGGAGA	_	36411
4846	6184	١,, ا	14677	GGGAAUAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGCUCAGA		36412
4862	6168	CCAUCCAU G GUAUAUAC	14678	GUAUAUAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUGGAUGG	-	36413
4884	6146	Ð	14679	CUACCAAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGAGCGUG	-	36414
4888	6142	១	14680	AAUUCUAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AACCAGAG		36415
4892	6138	GGUUGGUA G AAUUGAGC	14681	GCUCAAUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UACCAACC	_	36416
4897	6133	GUAGAAUU G AGCGAUCA	14682	UGAUCGCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAUUCUAC	-	36417
4901	6129	O	14683	GGACUGAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCUCAAUU		36418
4914	9119	J.	14684	CAACAUGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAACGGAC	_	36419
4922	6108	0	14685	GACAACAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AACAUGCC	_	36420
4937	6093	Ö	14686	GCACGAAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUGCUGGA		36421
4957	6073	Ö	14687	ACUUCGCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUUGGACU		36422
4958	6072	GUCCAAUG G GCGAAGUU	14688	AACUUCGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAUUGGAC	_	36423
4961	6909	Ö	14689	UCGAACUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCCCAUUG		36424
4968	6062	O	14690	AGACGACU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAACUUCG	Н	36425
5019	6011	Ö	14691	AAAUCCGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCAAGUUG		36426
5022	8009	ย	14692	UAGAAAUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUCGCAAG		36427
5023	6007	Ö	14693	GUAGAAAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGUCGCAA		36428
5033	5997	Ð	14694	GGACGUAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGUAGAAA	-	36429
5050	5980	ပ	14695	GUGCCGCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGAGACGU		36430
5051	5979	Ø	14696	AGUGCCGC GGAGGAACUCCCUUCAAGGACAUCGUCCGGG CAGAGACG	_	36431
5054	5976	CUCUGGGC G GCACUAGC	14697	GCUAGUGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCCCAGAG	-	36432
					į	

Table X

14699 GGGAGAAC  14700 GAGUGAUC  14701 AGAGUGAUC  14702 CCAACCAU  14703 AAACCAAUUC  14704 UGUGAAAC  14706 GCUAACUAU  14706 GCUAACUAU  14707 AGACAUAU  14710 GGAGUAC  14711 CAGAAAGU  14712 AGACUAGC  14714 CCUUUGC  14714 CCUUUGC  14715 AGAUUGCC  14716 GAAUGCC  14717 GAAUGCC  14717 GAAUGCC  14721 UUGGAACU  14721 UUGGAACU  14722 CCCGGAU  14724 CCCGGAU  14724 CCCAAUUCC  14726 CCAAUUCC  14729 GUCCAAUUC  14729 GUCCAAUUC  14730 CCCAGAGU  14731 CCCAGAGU  14731 CCCAGAGU  14732 UCCCAUUCC  14733 AUCCAUUC  14734 GAUCCAUUC  14734 GAUCCAUUC  14735 AUCCAUUC  14736 CUUCAGAUC  14736 CUUCAGAUC  14737 ACCCAUUC  14737 ACCCAUUC  14736 CUUCAGAUC  14737 ACCCAUUC  14736 CUUCAGAUC  14737 ACCCAUUC  14737 ACCCAUUC  14736 CUUCAGAUC  14736 CUUCAGAUC  14737 ACCCAUUC  14736 CUUCAGAUC  14736 CUUCAGAUC  14737 ACCCAUUC  14737 ACCCAUUC  14736 CUUCAGAUC  14736 CUUCAGAUC  14737 ACCCAUUC  1	AUGGUICU   14698   AGAACCAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGCAGUGA   36433
5941         UUCUCCCA G GAUCACUC         14700         GAGUGAUC           5940         UCUCCCAG G AUCACUCU         14701         AGAGUGAUC           5913         UCUGUUAU G AUGGUUGA         14703         AAACCAAC           5910         GUUAUGAU         GUUGGUA         14704         UGUGAACAC           5906         UCAUUCC G GUUUCACA         14706         UGUGAACAC           5865         CUCGCUU G AAGUUAGC         14706         UUGUGAAC           5832         UCUCUUCC G GUUUCACA         14707         AGACAUAU           5798         UACUCUUC G GUUACACA         14707         AGACAUAU           5799         UCUCUUCC G GUUACUC         14707         AGACAUAU           5790         UCUCUUCG G GUACACAC         14709         UUUGUUAU           5794         UCUCGUUG         ACAUUCUG         14712         AGACAUACU           5795         UCUCGUUG         ACAUUCUG         14712         AGAGUACC           5709         UCUCGUUG         ACACUACU         14712         AGAGUACC           5709         UCUCGUUG         ACACUACU         14712         ACCUACUC           5709         UCUCGUAC         ACACUACC         14712         ACCUACCU           5700         UCACAU	14699 GGGAGAAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG
5940         UCUCCCAG G AUCACUCU         14701         AGAGUGAU           5913         UCUGUUNU G AUGGUUGG         14702         CCAACCAU           5910         GUAUGGU         6 AUGGUUGG         14704         UGUGAAAC           5910         GUAUGGU         6 GUUGACAAC         14704         UGGACAAC           5890         ACUCUUCC         6 GUUGACAAC         14705         UGGACAUAC           5846         CCAUUUCA G AUANGCAA         14709         GGUAACUC           5832         UCUGUUCA G AUANGCAA         14709         GGAGUACU           5793         UCUCGUUC G GUACUCCG         14710         CGGAGUACU           5764         GUUCAAUU G GACUACUU         14711         CAGAGAAGU           5765         UCUCGUAC G ACUUCCGG         14711         CAGAGUAGU           5764         GUUCAAUU G GACAACCUU         14712         AAGUAGUCC           5765         UCUCGUAC         G GCACAACC         14712         AAGUAGUCC           5764         GUUCAAUU G GACAACCU         14712         AAGUAGUCC           5709         UCCCCUUUGU         G ACACAACC         14713         AAGUAGCC           5709         UCCCAACCUG         G GACACAACC         14713         AAGUAGCA           565	14700
5913         UCUGUUNU G AUGGUUGG         14702         CCAACCAAC           5910         GUUNGGUU         14703         AAACCAAC           5906         UGAUGGUU         G GUUGGUA         14704         AAACCAAC           5806         UGAUGGUC         G GUUGCAA         14705         UGGACAUAU           5846         CCCAUUUCU         G AUAUGUCU         14707         AGACAUAU           5845         CCCAUUUCU         G AUAUGUCU         14709         GGAGUACU           5780         UCCGCUUU         G ACUACUCC         14709         GGAGUACU           5781         UCCGCUUU         G ACUACUCC         14710         CGGAGUACU           5782         UCCGCACUUC         G ACUACUCC         14711         CAGAGAGU           5783         UCCGCACUUC         G ACUACUCC         14712         AAGUAGU           5784         UCCACUUCG         G ACUACUCC         14711         CAGAGAGU           5785         UCCACUUCG         G ACUACUCC         14712         AAGUAGUC           5784         GUUCAAUU         G ACACAAGC         14713         AAGUAGU           5785         UUCACUAGU         AACCCAUUCC         14713         AAGUAGU           5781         UUCACUACU	14701 AGAGUGAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUGGGAGA
5910         GUUANGAU G GUUCGUUU         14703         AAACCAAC           5906         UGAUGGUU G GUUCGCA         14704         UGGAAAC           5890         UGAUGGUU G GUUCGAA         14705         UGGAAGC           5890         ACUCUUCC G GCUGUCAA         14706         UUGACAGC           5846         CUCGCCUU G AUDACAAA         14709         UUGACUUU           5732         UCCGUUCG G GUACUCC         14710         AGACAUACU           5784         UCCAUUUCG G GUACUCC         14712         AGACAUAGC           5785         UCCAUUUCG G ACUNCUU         14712         AGGAGUACC           5784         GUUCAAUUG G ACUNCUU         14712         AAGUAGU           5785         UUCAAUUG G ACUNCUU         14712         AAGUAGU           5784         GUUCAAUUG G ACUNCUU         14712         AAGUAGUC           5785         UUCAAUUG G ACUNCUU         14713         AAGUAGUC           5703         AGGCAAAG G GCAACACC         14714         CCCUUGC           5704         GCCAUCUU         ACACUAGG         14714         CCCUUGC           5705         UGACACAA         GCCAACCAC         14716         GUUCAGACA           5673         UGACACCG G GUACCAUC         14716         CCCAACACACC<	14702 CCAACCAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUAACAGA
5906         UGAUGGUU G GUUUCACA         14704         UGUGAAAC           5890         ACUCUUCC G GCUGUCAA         14705         UUGACAGU           5885         CUCGCCUU G AAGUUAGC         14706         GCUAACUU           5832         UUCGCUUG G AUDACAAA         14709         UUGGUUAU           5798         UACAUUUUG G ACUACUU         14710         CGGAGUACU           5797         ACAUUUUG G ACUACUU         14711         CAGAAAGG           5730         UUCAAUUG G ACUACUU         14712         AAGUAGUC           5731         UUCAAUUG G ACUACUU         14712         AAGUAGUC           5732         UUCAAUUG G ACUACUU         14712         AAGUAGUC           5734         GUUCAAUU G GACAACGG         14712         AAGUAGUC           5735         UUCAAUUG G ACUACUU         14712         AAGUAGUC           5736         UUCAAUUG G ACUACUU         14712         AAGUAGUC           5737         ACGUUGUA G GCAAACGG         14712         AAGUAGUC           5709         CCCAUCUU         ACCCAACUU         14716         GCCUACUC           5621         UGACACAA         G GCACAACC         14716         GUUUGGC           5623         UGACACCO         G GCACACCA         14724	14703
5890         ACUCUUCC G GCUGUCAA         14705         UUGACAUU           5865         CUCGCCUU G AAGUUAGC         14706         GCUBACUU           5846         CCCAUUUCA G AUAACAAA         14707         AGACAUAU           5798         UCUGUUGU G AUAACAAA         14709         GGAGUACC           5797         ACAUUUUG G GUACUCCG         14710         CGGAGUACC           5797         ACAUUUUG G GCUAACGG         14711         CAGAGUACC           5764         GUUCAAUU G GACUACUU         14712         AAGUAGUC           5709         UCCAUCUU G GCAAACGG         14714         AAGUAGUC           5700         GCCCAUCUU G GCAAACCU         14714         AAGUAGUC           5701         AGGUAAAC         14714         AAGUAGUC           5702         UCACACUU         ACCACACUU         14714         AAGUAGUC           5679         GCCCAUCUU G ACCACAAC         14715         AAGAGUGC           5670         GCCAACACU         ACCACACAC         14716         GCCAACACU           5671         UAGCACACA         ACACACACAC         14716         GCCAACACC           5670         CCCAACACC         ACACACACAC         14716         GCCAACACC           5671         UAAUCCCG         GCAA	14704 UGUGAAAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AACCAUCA
5865         CUCGCCUU G AAGUUAGC         14706         GCUAACUU           5846         CCAUUUCA G AUAACAAA         14707         AGACAUAU           5832         UCUGUUGU G AUAACAAA         14709         GGAGUACC           5798         UACAUUUU G GGUACUCC         14710         CGGAGUACC           5797         ACAUUCUG G ACUUCUG         14711         CAGAAAGU           5763         UCUCAAUU G GACUACUU         14712         AAGUAGUC           5763         UUCAAUU G GACUACUU         14713         AAGUAGUC           5704         GUUCAAUU G GACUACUU         14712         AAGUAGUC           5705         UUCAAUUG G ACUACUU         14712         AAGUAGUC           5706         UUCAAUUG G ACUACUU         14712         AAGUAGUC           5707         UUCAAUUG G ACUACUU         14713         AAGUAGUC           5709         UCCAUUCUG G ACUACUU         14714         CCCUUUGC           5709         CCCAUCUU G ACUACUU         14713         AAGUAGUC           5679         GUCUNCCC G GUCAAUCU         14714         CCCUUUGC           5670         UAUUCCUG G GUCACAUC         14720         CCCAUUUC           5671         UAUUCCUC G GUCACUC         14722         UCCCGGAU           <	14705 UUGACAGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAAGAGU
5846         CCRUUUCA G AUMUGUCU         14707         AGACAUAU           5832         UCUGUUGU G AUMACAAA         14708         UUUGUUAU           5798         UCUGUUGU G GUACUCCO         14710         CGGAGUACC           5797         ACAUUUUG G GUACUCCO         14711         CGGAGUACC           5780         UCUCGUAC G ACUUCUG         14712         AAGUAGUC           5763         UCUCAAUU G GACUACUU         14712         AAGUAGUC           5731         UCAGUUGUA G GCAAUCUU         14713         AAGUAGUC           5703         UCCAUCUUG G ACUACUU         14713         AAGUAGUC           5704         UUCAAUUG G ACUACUU         14713         AAGUAGUC           5705         UCCAUCUUG G ACUACUU         14714         CCCUUUGC           5706         UCCAUCUUG G ACUACUU         14714         CCCUUUGC           5707         UGACACUA G GCAAUCUC         14714         CCCUUUGC           5708         UCCAUCUCG         GCCAAUCUC         14714         CCCUUUGC           5679         GCCAUCUCG         GCCAAUCUC         14720         CCUAGUCC           5631         CCCAMCCG         GAUCUCCG         GAUCUCCG         GAUCUCCG           5651         CCCAMCCG         GAUCUCCG	14706
5832         UCUGUUGU G AUAACAAA         14708         UUUGUUAU           5798         UACAUUUU G GGUACUCC         14710         CGGAGUAC           5797         ACAUUUUG G GUACUCCG         14711         CGGAGUAC           5764         GUUCAAUU G GACUACUU         14712         AAGUAGUC           5763         UUCAAUUG G ACUACUU         14712         AAGUAGUC           5731         UAGGCAAA G GCAAACCU         14714         CCCUUUGC           5732         UGACACUA G GCAAACCU         14715         AAGUAGUC           5703         ACGUUGUA G GCACAACC         14714         CCCUUUGC           5603         CCCANCUU G ACACUAGG         14717         GAAUUGCC           5609         CCCANCUU G ACACUAGG         14716         GAAUGGC           5609         CCCANCUU G ACACUAGG         14716         GAAUGGC           5610         CCCANCUU G ACACUAGG         14721         CCCUUGGC           5621         UGUACACUA G GCACAACC         14721         GUUGGAUCC           5623         CCCAAGCUC G GUGAAUCGA         14724         CCCGGGAU           5631         CCGAAGCG G GAUCCCAGG         14724         CCCGGGAU           5632         UCGAUCCG G GAUCCCAGG         14724         CCCGAAUUCC <tr< td=""><td>14707 AGACAUAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG</td></tr<>	14707 AGACAUAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG
5798         UACAUUUU G GGUACUCC         14709         GGAGUACC           5797         ACAUUUUG G GUACUCCG         14710         CGGAGUAC           5780         UCUCGUAC G ACUUCCUG         14711         CAGAAAGU           5763         UUCAAUUG G ACUACUU         14712         AAGUAGUC           5731         UACAGUGUA G ACUACUU         14714         CCCUUUGC           5731         UAGGCAAA G GCAAUCU         14714         CCCUUUGC           5730         AGGUAGAA G GCAAUCU         14714         CCCUUUGC           5702         UGACACUU G ACACUAGG         14714         CCCUUUGC           5703         AGGCAAAG G GCAAUCU         14716         GAGAUUGC           5704         AGGCAAAG G GCAAUCUC         14716         GAGAUUGC           5705         UGACACCUA         14719         GAGUUGC           5670         GUCUUCCC         GUGUAUCCC         GUGUAUCCC           5670         GUCUUCCC         GUGUAUCCC         GAGUCGCAA           5631         CCGAAUCC         ACCCAGCAC         14721         UUGAGAAUC           5632         UCGAAUCCG         GAUCUCAGG         AUCUCAGGA         14724         CUGAGAAUU           5633         UCGAACCGG         AUCUCAGG         AUCUCAGG	14708
5797         ACAUUUUG G GUACUCCG         14710         CGGAGUAC           5780         UCUCGUAC G ACUUUCUG         14711         AAGUAGUC           5763         UUCAAUU G GACUACUU         14712         AAGUAGUC           5763         UUCAAUUG G ACUACUU         14714         CACUUUGC           5737         ACGUUGUA G GCAAUCU         14714         CCCUUUGC           5730         AGGCAAAG G GCAAUCU         14714         CCCUUUGC           5702         UGACACUA G GCAAUCU         14716         GAGAUUGC           5703         AGGCAAAG G GCAAUCU         14716         GAGAUUGC           5704         CCCAUCUU G ACACUAGG         14717         CCUUGGUGU           5705         UGACACUA G GCAAUCUC         14718         GUUUGUGC           5670         GUCUUCCC         GUGUAUUC         14720         GAAUGGAU           5671         UAUUCUGU G AUCUCAUC         14721         UUGAGAUCC           5633         CUCGAUCC         GAUCUCAG         14722         UCCCGGAU           5631         UCGAUCCG         GAUCUCAG         14724         CUGAGAUCC           5632         UCGAUCCG         GAUCUCAG         ACACAUUU           5633         UCGAUCCG         GAUCUCAG         14726	14709
5780         UCUCGUAC G ACUUUCUG         14711         CAGAAAGU           5764         GUUCAAUU G GACUACUU         14712         AAGUAGUC           5763         UUCAAUUG G ACUACUU         14713         AAGUAGUC           5731         UAGGCAAA         G GCAAAUCU         14714         CCCUUUGC           5730         AGGCAAAC         14714         AGAUUGCC           5709         CCCAUCUU         G ACACUAGG         14717         CCUUGGC           5709         CCCAUCUU         G ACACUAGG         14717         CCUUGGGC           5679         GUCTUCCCC         G GUGUAUUC         14719         GAAUGGGA           5679         GUCTUCCCC         G GUGUAUUC         14721         CCUAGUGG           5679         GUCTUCCCC         G GUGUAUUC         14721         UUGGAGAC           5631         CGUAGUCCA         AGUUCCAA         14721         UUGGAGAUC           5632         CCCAAGUUC         AGUUCCAA         14722         UCCCAGGAU           5631         CCCAAGUCC         G GAUCCAGAC         14724         CUGAAUCC           5632         UCGAAUCC         G GAAUCCAG         14724         CUGAGAUC           5631         UGUAAGUC         G GAAUCCAG         14726 </td <td>14710 CGGAGUAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAAAAUGU</td>	14710 CGGAGUAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAAAAUGU
5764         GUUCAAUU G GACUACUU         14712         AAGUAGUC           5763         UUCAAUUG G ACUACUU         14713         AAGUAGU           5731         ACGUUGUA         14714         CCCUUUGC           5730         AGGCAAA         G GCAAUCU         14715         AGAUUGCC           5730         AGGCAAAGG         14717         CCUUUGC           5702         UGACACUU         G ACACAAAC         14716         GAGAUUGC           5703         UGACACUU         G ACACAAAC         14717         CCUUGUGC           5704         UGACACUU         G ACACAAAC         14717         CCUUGUGC           5679         CCCAUCUU         G ACACAAAC         14719         GAAUGGGA           5679         GUCAUCCC         G GUGUAUCC         14721         CCUAGUGC           5679         GUCAACCAA         14721         UUGGAACAC           5631         CCAAGUCC         G GAUCCAAC         14723         UCCCGGAA           5632         UCGAUCCG         GAUCCAGAA         14724         CUGAAUCC           5631         UCGAUCCG         G AUCCAGAA         14724         CUGAGAUCC           5631         UGUAAGUC         G AUCCAGAA         14726         CCAAUUCA	14711
5763         UUCAAUUG G ACUACUUU         14713         AAAGUAGU           5737         ACGUUGUA G GCAAAGGG         14714         CCCUUUGC           5731         UAGGCAAA         G GCAAUCUC         14715         AGAUUGCC           5702         UGACACUA         G GCACAAAC         14716         GAGAUUGCC           5702         UGACACUC         G GCACAAAC         14717         CCUAGUGU           5679         GUCUUCCC         G GUGUAUUC         14718         GUUUGUGC           5667         UAAUCCUGU         G AUCCAGGA         14720         GAAUGGAU           5651         CCCAAGUCC         G AUCCAGGA         14721         UUGGAAUCA           5633         CUCGAUCC         G AUCCAGGA         14721         UUGGAAUCC           5631         CUCGAUCC         G AUCCAGGA         14721         UUGGAAUCC           5632         UCGAUCCG         G AUCCAGGA         14721         UUGGAAUCC           5631         UGUAAGUC         G GAAUCCAG         14724         CUGAAUUC           5632         UCGAUCCG         G AUCCAGGA         14725         CUGAAUUC           5631         UGUAAGUC         G AAAUGGAC         14726         CCAAGAUUC           5602         CCGGAAAU <td>14712</td>	14712
5737         ACGUUGUA G GCAAAGGG         14714         CCCUUUGC           5731         UAGGCAAA G GCAAUCU         14715         AGAUUGCC           5709         CCCAUCUU G ACACUAGG         14716         GAGAUUGCC           5702         UGACACUAGG         14717         CCUAGUGU           5679         GUCUUCCC         GUGUAUUC         14718         GUUUGUGC           5651         CGUAUCCA         GAGUUCCAA         14721         GAAUGGAU           5633         CUCGAUCC         GAGUUCCAA         14721         UUGGAAUC           5633         CUCGAUCC         GAUCCGGGA         14721         UUGGAAUC           5634         CUCGAUCC         GAUCCGGGA         14721         UUGGAAUC           5635         CUCGAUCC         GAUCCGGGA         14721         UUGGAAUC           5631         CUCGAUCCG         GAUCCGGGA         14721         UUGGAGUC           5632         UCGAUCCGG         GAUCCGGGA         14724         CUGAGAUC           5631         UGUAAGUC         GAAAUGGA         14726         CCCAAUUU           5613         UGUAAGUC         GAAAUGGA         14726         CCCAGAGU           5614         GUGAAUGG         AAAUGGAC         14726 <t< td=""><td>14713 AAAGUAGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAAUUGAA</td></t<>	14713 AAAGUAGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAAUUGAA
5731         URGGCRAA G GCCAUCUU         14715         AGAUUGCC           5709         CCCAUCUU G ACACUAGG         14716         GAGAUUGC           5702         UGACACUA         G GCACAAAC         14717         CCUAGUGU           5679         GUCUTUCCC         G GUGUAUUC         14718         GUUUGUGC           5679         GUCUTUCCC         G GUGUAUUC         14720         GAAUGGAU           5651         COCAAGCUC         G AGUUCCAA         14721         UUGGAAUCG           5633         CUCGAUCC         G AGUUCCAA         14721         UUGGAAUC           5634         CUCGAUCC         G AUCCGGGA         14721         UUGGAAUC           5635         CUCGAUCCG         G AUCCGGGA         14721         UUGGAAUC           5631         CUCGAUCCG         G AUCCGGGA         14723         UCCCGGAU           5632         UCGAUCCGG         G AUCCGAGU         14724         CUGAGAUC           5631         UGUAAGUC         G AAAUUGG         14725         CCCAAUUUC           5632         UCGAUCCGG         AAAUUGG         14726         CCAAUUCC           5606         CCGAAAAU         G GGAAUCGG         14729         GUCCAGAGU           5607         AAAUUGGU	14714
5730         AGGCRARG         GCAAUCUC         14716         GAGAUUGC           5709         CCCAUCUU G ACACUAGG         14717         CCUAGUGU           5702         UGACCACUA G GCACAAAC         14718         GUUUGUGC           5679         GUCUUCCC G GUGUAUUC         14720         GAAUGGAU           5651         UAUUCUGU G AUCCGGGA         14721         UUGGAACU           5633         CUCGAUCC G GAUCUCAA         14722         UCCCGGAU           5633         CUCGAUCC G GAUCUCAG         14723         UGAGAUCC           5631         UCGAUCCG G GAUCUCAG         14724         CUGAGAUC           5632         UCGAUCCGG G AUCCGGGA         14724         CUGAGAUC           5631         UGUAAGUC G GAAUUGG         14724         CUGAGAUC           5632         UCGAUCCGG G AUCCGGGA         14724         CUGAGAUC           5613         UGUAAGUC G GAAUUGG         14724         CUGAGAUU           5614         UGUAAGUC G GAAUUGG         14724         CUGAGAUU           5615         GUGAAUUGG         AAAUUCAG         14729         CCCAGAGU           5603         AAAUUGGU G AAUUGGA         14729         CCCAGAGU           5590         GGGACUCU G GGAAUGGA         14734         GAUCCA	14715 AGAUUGCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUUGCCUA
5709         CCCAUCUU G ACACUAGO         14717         CCUAGUGU           5702         UGACACUA G GCACAAAC         14718         GUUUGUGC           5679         GUCUUCCC G GUGUAUUC         14720         GAAUAGAC           5651         UAUUCUGU G AUCCAGGA         14721         UUGGAACU           5633         CCCAAGCUC G AUCCAGGA         14722         UCCCGGAU           5633         CUCGAUCC G GAUCUCAG         14723         UGAGAUCC           5631         UCGAUCCG G GAUCUCAG         14724         CUGAGAUC           5632         UCGAUCCG G GAUCUCAG         14724         CUGAGAUC           5631         UGUAAGUC G GAUCUCAG         14724         CUGAGAUC           5631         UGUAAGUC G GAUCUCAG         14724         CUGAGAUC           5613         UGUAAGUC G GAAUUGGU         14724         CUGAGAUU           5614         UGUAAGUC G GAAUUGGU         14726         CCCAAUUUC           5615         GUGAAUGGU         14727         ACCAAUUC           5603         AAAUUGGU G AAUUGGA         14729         GCCAGAGU           5598         GGUGAAUGG         14730         CCCAGAGU           5590         GGACUCUG G GAAUGGA         14734         GAUCCAUUC           5580	14716 GAGAUUGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUUUGCCU
5702         UGACACUA G GCACAAAC         14718         GUUUGUGC           5679         GUCUUCCC G GUGUAUUC         14719         GAAUACAC           5667         UAUUCUGU G AUCCAUUC         14721         UUGGAACU           5631         CCAAGCUC G AUCCGGGA         14721         UUGGAACC           5632         CCCAAGCUC G GAUCUCAG         14724         UCGAGAUCC           5631         CCCAAGCUC G GAUCUCAG         14724         CUGAGAUCC           5632         UCGAUCCG G GAUCUCAG         14724         CUGAGAUC           5631         CGAUCCGG G AUCUCAGU         14724         CUGAGAUC           5612         UGUAAGUC G GAAAUGGU         14725         ACUGAGAU           5613         AAAUUGGU G AAAUUGGU         14726         CCAAUUUC           5603         AAAUUGGU G AAAUUGGU         14729         GUCCAAUUU           5590         GGUGAAUUG         GACUCUGG         GAAUGGAU         14730         CCCAGAGUC           5590         GGAAUGGA         14731         CCCAGAGUC           5580         GCACUCUG         GAAUGGAU         14734         GUCCAUUC           5580         GACCUCUG         GAAUGGAU         14734         GUCCAGAGUC           5580         GACCUCUG	14717 CCUAGUGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAGAUGGG
5679         GUCULUCCC G GUGUAUUC         14719         GAAUACAC           5667         UAUUCUGU G AUCCAUUC         14720         GAAUGGAU           5631         COGARCUC G AUCCGGGA         14721         UUGGAACU           5633         CUCGAUCC G GAUCUCA         14723         UCGCGGAU           5631         CUCGAUCCG G GAUCUCAG         14724         CUGAGAUC           5631         CGAUCCGG G AUCUCAGU         14724         CUGAGAUC           5613         UCGAUCCG G GAUCUCAGU         14725         ACUGAGAU           5614         UGUAAGUC G GAAAUUGG         14726         CCAAUUUC           5615         GUAAGUCG G AAAUUGGU         14726         CCAAUUUC           5603         AAAUUGGU G AAAUUGGU         14729         GUCCAAUU           5603         AAAUUGGU G AAAUGGAC         14729         GUCCAAUUC           5590         GGUGAAUUG         GAAUCGGA         14731         CCCAGAGUC           5590         GCACUCUG         GAAUGGAU         14734         GUCCAUUC           5580         GCACUCUG         GAAUGGAU         14734         GUCCAUUC           5580         GCACUCUG         GAAUGGAU         14734         GUCCAUUC           5581         UGGACUCUG         GAAU	14718 GUUUGUGC GGAGGAACUCCCUUCAAGGACAUCGUCCGGG UAGUGUCA
5667         UAUUCUGU G AUCCAUUC         14720         GAAUGGAU           5651         CGUAUCCA G AGUUCCAA         14721         UUGGAACU           5633         CUCGAUCC G AUCCGGGA         14722         UCCCGGAU           5633         CUCGAUCC G GAUCUCAG         14724         CUGAGAUCC           5631         CGAUCCGG G AUCUCAGU         14724         CUGAGAUC           5613         UCGAUCCG G GAUCUCAGU         14725         ACUGAGAU           5614         UGUAAGUC G GAAUUGGU         14726         CCAAUUUC           5615         GUAAGUCG G AAAUUGGU         14727         ACCAAUUU           5606         CGGAAAU         GUGAAUUG         14729         GUCCAAUU           5603         AAAUUGGU G AAAUGGAC         14729         GUCCAAUU           5590         GGUGAAUUG         14730         CCCAGAGUC           5590         GGACUCUG         GAAUGGAU         14731         CCCAGAGUC           5580         GCACUCUG         GAAUGGAU         14734         GUCCAUUC           5580         GCACUCUG         GAAUGGAU         14734         GUCCAUUC           5580         GCACUCUG         GAAUGGAU         14734         GUCCAUUC           5580         GCACUCUG         GA	14719 GAAUACAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGGAAGAC
5651         CGUAUCCA G AGUUCCAA         14721         UUGGAACU           5638         CCCAAGCUC G AUCCGGGA         14722         UCCCGGAU           5633         CUCGAUCC G GAUCUCAG         14724         UCGAGAUC           5631         UCGAUCCG G AUCUCAGU         14724         CUGAGAUC           5613         UCGAUCCG G AUCUCAGU         14725         ACUGAGAU           5613         UGUAAGUC G GAAAUUGG         14726         CCAAUUUC           5604         CGGAAAUU G GUGAAUUG         14727         ACCAAUUU           5603         AAAUUGGU G AAAUUGGU         14728         CAAUUCAC           5591         GGUGAAUU G GACUCUGG         14730         CCCAGAGU           5591         GUGAAUUG G ACUCUGG         14731         CCCAGAGU           5590         GCACUCUG G GAAUGGAU         14733         AUCCAUUC           5589         GACUCUG G GAAUGGAU         14734         GAUCCAGUU           5580         GACUCUG G GAAUGGAU         14734         GAUCCAGUU           5589         GACCUCUG G GAAUGGAU         14734         GAUCCAGUU           5589         CUGGGAAUG G GAAUGGAU         14734         GAUCCAGUU           5589         CUGGGAAUG G GAAUGGAU         14734         GAUCCAGUU <tr< td=""><td>14720 GAAUGGAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACAGAAUA</td></tr<>	14720 GAAUGGAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACAGAAUA
5638         CCAAGGUC G AUCCGGGA         14722         UCCCGGAU           5633         CUCGAUCC G GGAUCUCA         14723         UGAGAUCC           5631         UCGAUCCG G GAUCUCAG         14724         CUGAGAUC           5631         CGAUCCGG G AUCUCAGU         14725         ACUGAGAU           5612         UGUAAGUC G GAAAUUGG         14726         CCAAUUUC           5603         AAAUUGGU G AAAUUGGU         14729         CCAAUUUCAC           5603         AAAUUGGU G AAUUGGAC         14729         GUCCAAUU           5590         GGUGAAUUG G ACUCUGG         14731         CCCAGAGU           5590         GCACUCUG G GAAUGGAU         14733         AUCCAUUC           5589         GACUCUG G GAAUGGAU         14734         GUCAAUUC           5580         GCACUCUG G GAAUGGAU         14733         AUCCAUUC           5580         GACUCUG G GAAUGGAU         14734         GAUCCAGUU           5581         UGGACUCUG G GAAUGGAU         14734         GAUCCAGUU           5582         CUGGGAAUG G GAAUGGAU         14734         GAUCCAGUU           5589         CUGGGAAUG G GAAUGGAU         14734         GAUCCAGUU           5581         GACCUUG G GAAUGGAU         14734         GAUCCAGUU      <	14721 UUGGAACU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGGAUACG
5633         CUCGAUCC G GGAUCUCA         14723         UGAGAUCC           5632         UCGAUCCG G GAUCUCAG         14724         CUGAGAUC           5631         CGAUCCGG G AUCUCAGU         14725         ACUGAGAU           5613         UGUAAGUC G GAAAUUGGU         14726         CCAAUUUC           5604         CGGAAAUU G GUGAAUUG         14727         ACCAAUUUC           5603         AAAUUGGU G AAUUGGAC         14729         GUCCAAUU           5598         GGUGAAUU G GACUCUGG         14730         CCCAGAGUC           5590         GGACUCUG G GAAUGGAU         14731         CCCAGAGUC           5589         GACUCUG G GAAUGGAU         14733         AUCCAUUC           5580         GACUCUG G GAAUGGAU         14734         GAUCCAUUC           5589         GACUCUG G GAAUGGAU         14734         GAUCCAUUC           5589         GACCUCUG G GAAUGGAU         14734         GAUCCAUUC           5589         CUGGGAAUG G GAAUGGAU         14734         GAUCCAUUC           5589         CUGGGAAUG G GAAUGGAU         14734         GAUCCAUUC           5589         CUGGGAAUG G GAAUGGAU         14735         UUCCAUUC           5589         CUGGGAAUG G GAAUGGAU         14734         GAUCCAUU	14722 UCCCGGAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAGCUUGG
5632         UCGAUCCG G GAUCUCAGO         14724         CUGAGAUC           5631         CGAUCCGG G AUCUCAGU         14725         ACUGAGAU           5613         UGUAAGUC G GAAAUUGG         14726         CCAAUUUC           5612         GUAAGUCG G AAAUUGGU         14727         ACCAAUUU           5603         AAAUUGGU G AAAUUGGAC         14729         GUCCAAUU           5598         GGUGAAUU G GACUCUGG         14730         CCCAGAGUC           5597         GUGAAUUG G ACUCUGG         14731         CCCAGAGUC           5590         GGACUCUG G GAAUGGAU         14733         AUCCAUUC           5589         GACUCUG G GAAUGGAU         14734         GAUCCAUUC           5580         GACUCUG G GAAUGGAU         14733         AUCCAUUC           5580         GACUCUG G GAAUGGAU         14734         GAUCCAUUC           5581         UGGGAAUG G AAUGGAUC         14734         GAUCCAUUC           5582         CUGGGAAU G GAAUGGAU         14735         UUCAGAUUC           5584         UGGGGAAU G GAAUGGAU         14734         GAUCCAUUC           5587         GUGGGAAU G GAAUGGAU         14735         UUCAGAUC           5588         UGGGGAAU G GAAUGGAU         14735         UUCAGAUC <tr< td=""><td>14723 UGAGAUCC GGAGGAACUCCCUUCAAGGACAUCGUCCGGG GGAUCGAG</td></tr<>	14723 UGAGAUCC GGAGGAACUCCCUUCAAGGACAUCGUCCGGG GGAUCGAG
5631         CGAUCCGG G AUCUCAGU         14725         ACUGAGAU           5613         UGUAAGUC G GAAAUUGG         14726         CCAAUUUC           5612         GUAAGUCG G AAAUUGGU         14727         ACCAAUUU           5603         AAAUUGGU G GUGAAUUG         14728         CAAUUCAC           5593         AAAUUGGU G AAUUGGAC         14729         GUCCAAUU           5597         GUGAAUUG G ACUCUGG         14731         CCCAGAGUC           5590         GCACUCUG G GAAUGGAU         14732         UCCAUUCC           5589         GCACUCUG G GAAUGGAU         14733         AUCCAUUC           5580         GCACUCUG G GAAUGGAU         14734         GAUCCAUUC           5589         GACUCUG G GAAUGGAU         14734         GAUCCAUUC           5589         GACCUCUG G GAAUGGAU         14734         GAUCCAUUC           5589         CUGGGAAU G GAAUGGAU         14734         GAUCCAUUC           5581         UGGGGAAU G GAAUGGAU         14735         UUCAGAUC           5582         UGGGGAAU G GAUCUGAA         14735         UUCAGAUC           5584         UGGGGAAU G GAUCUGAA         14735         UUCAGAUC           5587         UGGGGAAUG G AAUGGAUC         14735         UUCAGAUC	14724 CUGAGAUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGGAUCGA
5613         UGUBAGUC G GAAAUUGG         14726         CCAAUUUC           5612         GUBAGUCG G AAAUUGGU         14727         ACCAAUUU           5606         CGGAAAUU G GUGAAUUG         14728         CAAUUCAC           5603         AAAUUGGU G AAUUGGAC         14729         GUCCAAUU           5598         GGUGAAUU G GACUCUGG         14730         CCCAGAGUC           5591         GUGAAUUG G ACUCUGGG         14731         CCCAGAGUC           5590         GCACUCUG G GAAUGGAU         14733         AUCCAUUC           5589         GACUCUG G GAAUGGAU         14734         GAUCCAUU           5589         CUGGGAAU G GAUCUGAA         14735         UUCAGAUC           5584         UGGGAAUG G AAUGGAUC         14735         UUCAGAUC           5589         CUGGGAAU G GAUCUGAA         14735         UUCAGAUC           5581         CUGGGAAU G GAUCUGAA         14735         UUCAGAUC	14725 ACUGAGAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCGGAUCG
5612         GURAGUCG G AAAUUGGU         14727         ACCAAUUU           5606         CGGAAAUU G GUGAAUUG         14728         CAAUUCAC           5603         AAAUUGGU G AAUUGGAC         14729         GUCCAAUU           5598         GGUGAAUU G GACUCUGG         14730         CCAGAGUC           5591         UGGACUCU G GAAUGGA         14731         CCCAGAGUC           5590         GGACUCUG G GAAUGGAU         14733         AUCCAUUC           5589         GACUCUG G AAUGGAUC         14734         GAUCCAUU           5589         CUGGGAAU G GAAUGGAU         14734         GAUCCAUU           5589         CUGGGAAU G GAUCUGAA         14734         GAUCCAUU           5589         CUGGGAAU G GAUCUGAA         14735         UUCAGAUC           5589         CUGGGAAU G GAUCUGAA         14735         UUCAGAUC           5589         CUGGGAAU G GAUCUGAA         14735         UUCAGAUC           5581         UGGGAAUG G AUCUGAAG         14735         UUCAGAUC	14726 CCAAUUUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GACUUACA
5606         CGGAAAUU G GUGAAUUG         14728         CAAUUCAC           5603         AAAUUGGU G AAUUGGAC         14729         GUCCAAUU           5598         GGUGAAUU G GACUCUGG         14730         CCAGAGUC           5597         GUGAAUUG G ACUCUGGG         14731         CCCAGAGUC           5590         GGACUCUG G GAAUGGAU         14732         UCCAUUCC           5590         GGACUCUG G GAAUGGAU         14733         AUCCAUUC           5589         GACUCUGG G AAUGGAUC         14734         GAUCCAUU           5585         CUGGGAAU G GAUCUGAA         14734         GAUCCAUU           5587         UGGGAAUG G AUCUGAA         14735         UUCAGAUC           5588         CUGGGAAU G GAUCUGAA         14736         CUUCAGAUC           5589         UGGGAAUG G AUCUGAA         14736         CUUCAGAUC           5589         UGGGAAUG G AUCUGAAG         14736         CUUCAGAUC	14727 ACCAAUUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGACUUAC
5603         AAAUUGGU G AAUUGGAC         14729         GUCCAAUU           5598         GGUGAAUU G GACUCUGG         14730         CCAGAGUC           5597         GUGAAUUG G ACUCUGGG         14731         CCCAGAGUC           5591         UGGACUCU G GGAAUGGA         14732         UCCAUUCC           5590         GGACUCUGG G AAUGGAU         14733         AUCCAUUC           5589         GACUCUGG G AAUGGAUC         14734         GAUCCAUU           5585         CUGGGAAU G GAUCUGAA         14735         UUCAGAUC           5584         UGGGAAUG G AUCUGAA         14736         CUUCAGAU           5579         AUGGGAAUG G AUCUGAA         14735         UUCAGAUC	14728 CAAUUCAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAUUUCCG
5598         GGUGAAUU G GACUCUGG         14730         CCAGAGUC           5597         GUGAAUUG G ACUCUGGG         14731         CCCAGAGU           5591         UGGACUCU G GGAAUGGA         14732         UCCAUUCC           5590         GGACUCUGG G GAAUGGAU         14733         AUCCAUUC           5589         GACUCUGG G AAUGGAUC         14734         GAUCCAUU           5585         CUGGGAAU G GAUCUGAA         14735         UUCAGAUC           5584         UGGGAAUG G AUCUGAA         14736         CUUCAGAU           5579         AUGGGAAUG G AUCUGAA         14736         CUUCAGAU	14729 GUCCAAUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACCAAUUU
5597         GUGAAUUG G ACUCUGGG         14731         CCCAGAGU           5591         UGGACUCU G GGAAUGGA         14732         UCCAUUCC           5590         GGACUCUG G GAAUGGAU         14733         AUCCAUUC           5589         GACUCUGG G AAUGGAUC         14734         GAUCCAUU           5585         CUGGGAAU G GAUCUGAA         14734         UUCAGAUC           5584         UGGGAAUG G AUCUGAA         14735         UUCAGAUC           5579         AUGGAAUG G AUCUGAAG         14736         CUUCAGAU	14730 CCAGAGUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAUUCACC
5591         UGGACUCU G GGAAUGGA         14732         UCCAUUCC           5590         GGACUCUG G GAAUGGAU         14733         AUCCAUUC           5589         GACUCUGG G AAUGGAUC         14734         GAUCCAUU           5585         CUGGGAAU G GAUCUGAA         14735         UUCAGAUC           5584         UGGGAAUG G AUCUGAA         14736         CUUCAGAU           5579         AUGGAAUG G AUCUGAAG         14736         CUUCAGAU	14731 CCCAGAGU
5590         GGACUCUG G GAAUGGAU         14733         AUCCAUUC           5589         GACUCUGG G AAUGGAUC         14734         GAUCCAUU           5585         CUGGGAAU G GAUCUGAA         14735         UUCAGAUC           5584         UGGGAAUG G AUCUGAAG         14736         CUUCAGAU           5579         AUGGAAUG G AUCUGAAG         14736         CUUCAGAU	14732
5589         GACUCUGG G AAUGGAUC         14734         GAUCCAUU           5585         CUGGGAAU G GAUCUGAA         14735         UUCAGAUC           5584         UGGGAAUG G AUCUGAAG         14736         CUUCAGAU           5579         AUGGAAUG G AUCUGAAG         14736         CUUCAGAU	14733
5585 CUGGGAAU G GAUCUGAA 14735 UUCAGAUC 5584 UGGGAAUG G AUCUGAAG 14736 CUUCAGAU 5579 AUGGAINTI G AAGTIGCTI 14737 AGGCACHIT	14734 GAUCCAUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCAGAGUC
5584 UGGGAAUG G AUCUGAAG 14736 CUUCAGAU	14735 UUCAGAUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUUCCCAG
SESTING ANGRANCE OF ANGREDIES   14727   ACCAPTITE	14736 CUUCAGAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAUUCCCA
CONTROL CONTROL CONTROL CONTROL	CCU 14737 AGGCACUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGAUCCAU 36472

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G GGGUGGCUG         14739         AGCCACCC           G GGUGGCUG         14740         CAGCCACC           G GUGGCUGU         14741         ACAGCCACC           G GCUGUCAU         14742         AUGACCACC           G GCUGUCAU         14743         GCAAUAUU           G GAAAUGUA         14744         ACAGACAGC           G GAAAUGUA         14745         UUACAUUUC           G GACCUUUGU         14747         CACCCGACC           G GGUCGGUGA         14747         CACCCGACC           G GUCGGUGA         14749         CACCCGACC           G GUCGGUGA         14749         CACCCGACC           G GUCGGUGA         14749         CACCCGACC           G GUCGGUGA         14751         AUGACGAC           G GUCGACCA         14753         ACCCCCCAC           G GUCGACCA         14753         ACGCCUCAC           G GUCGACCA         14753         ACGCCUCAC           G GUCGACCAC         14753         ACGCCUCAC           G GUCGACCAC         14760         ACCCCUCACC           G GGACCACG         14761         ACCCUCACC           G GUGACGGG         14761         ACCCUCACC           G GUGACCAGC         14761         ACCCCCCCC	5460   5	5570	AAGUGCCU G GUGGGGUG	14738	CACCCCAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGGCACUU	36473
5556         GCUGGUIG G GGUGGCUG         14140         CAGCCACC GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           5555         GCUGGUGG G GGGGCGG         14141         ALCACCAC GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           5555         GGUGGUGG         14142         AUGACAC         GGAGGAAACUCCUUCAAGGACAUCGUCGGG           5556         GGUGGUGG         14142         AUGACAC         GAGGAAACUCCUUCAAGGACAUCGUCGGG           5556         GGUGGUGG         14141         ACACACAC         GAGGAAACUCCUUCAAGGACAUCGUCGGG           5510         ACCUUGG         ALANAGG         GAGGAAACUCCUUCAAGGACAUCGUCGGG           5511         ACCUUGG         GAGGGAAACUCCUUCAAGGACAUCGUCGGG           5510         ACCUUGG         GAGGGAAACUCCUUCAAGGACAUCGGGGGGAAACUCCCUUCAAGGACAUCGUCGGG           5410         ACCUUGG         GAGGGAAACUCCUUCAAGGACAUCGUCGGG           5410         ACCUUGG         GAGGGAAAC         GAGGGAAACUCCUUCAAGGACAUCGUCGGG           5411         ACCUUGG         GAGGGAAAC         GAGGAAAC         GAGGAAACA           5412         ACCUUGG         GAGGAAACA         AACCUGCG         GAGGAAACUCCUUCAAGGACAUCGGGGGGAAACUCCGUCGGGGGAAACUCCGUCGGGGGAAACUCCUCCAAGGACAACCGGGGAACACCCCUUCAAGGACAACCGCGGGGAAACUCCCUUCAAGGACAACCCCCUUCAAGGACAACCGGGGGAAACCCCCUUCAAGGACAACCGGGGGAAACCCCCUUCAAGGACAACCGGGGAGAACCCCCUUCAAGGACAACCGGGGAGAACCCCCUUCAAGGACAACCGGGGAGAACCCCCUUCAAGGACAACCGGGGAACACCGGGAACACCGGGAACACCGGGAACACCGGGAACACCGG	╁	5567	O	14739	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36474
5565         CCURGUIGG G GUAGACURG         14741         ACARACCAC GRAGGARAACUCCCUUCAAGGACAUCGGGGGGGGGGGGGG	L	5566	ט	14740	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36475
555.2         GOTOGOGNO G GOUGICOM         1474.3         AUGANCIAGO GARGGAAACUCCCUUCAAGGACAUCGGGGGGGGGGGGGGG	-	5565	O	14741	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36476
555.3.         GOUDUCAU G AMINUTIOC         14743         GICANARUD         GARGGAAACUCCCUUCAAGGACAUCGGGGGGGGGGGGGGG	<u> </u>	5562	v	14742	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36477
55.26         CUMACIUC G ACCUNUGU         14745         ACARAGOU G GAGGGAAACUCCCUUCAAGGACAUCGUCGGG           55.17         ACCUNUGU G GAANUGUA         14745         UNCALUUU GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           55.18         CUDUNGU G GAANUGUA         14745         UNCALUUU GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           54.86         GUCUNGU G GGACGAAA         14749         CACCGAC         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           54.81         GCUCACUC         GUCACACAC         GAGGGAAACUCCCUUCAAGGACAUCGUCGGG           54.81         GCUCACUC         GUCACACAC         GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG           54.81         GCUCACAC         GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG           54.82         GCUCACAC         GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG           54.82         GACCCCA         1475         ACUNUCCA         GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG           54.81         GGACCCCA         1475         ACUNUCCA         GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG           54.82         CACCACACA         1475         ACUNUCCC         GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG           54.82         CACCACACA         1475         ACUNUCCC         GAGGGAAACCCCUUCAAGGACAUCGUCCGGG           54.82         CACCACAACA         1475         ACUNUCCC         GAGGACAACCCCUUCAAGGACAACCCCCUCCAGGACACCCCCCCC	-	5553	O	14743	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36478
5517         ACCUUUDU G GAANDUN         14745         UACAUUUC GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           5516         CCUUUGUG G AANDURAA         14746         UUACUUU GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           5485         GCUUNGCU G GUCGGUA         14748         UCACCGAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           5481         GCUUGGUG G GUCGGUA         14749         UCACCGAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           5473         GGUGGAAU         14751         AUAGGAC         14751         AUAGGACAACUCCCUUCAAGGACAUCGUCCGGG           5473         GGUGGAAU         AAACGUCA         GAGGGAAAACUCCCUUCAAGGACAUCGUCCGGG         5450         CCUACCCG         GACCCUGA         GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG           5457         UCCAUCAC         AAACAGUA         14752         AACCUGUU         GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG         5450         ACCCUGUA         AAACAGUA         14753         ACCUCACC         GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG         5431         ACCCUGUA         AAACAGUA         14753         ACCUCACC         GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG         5431         ACCCUGUA         AAACAGUA         14753         ACCUCACC         GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG         5432         ACCCUCAC         GAGGGAAACUCCCCUUCAAGGACAUCGUCCGGG         5432         ACCCUCAC         GAGGGAAACUCCCCUUCAAGGACAUCGUCCCGGG         5432         ACCCUCAC	<u> </u>	5526	O	14744	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36479
5516         CCUUUGUG G AANUGUAA         14746         UUNCAUUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           5486         UGCURGUG G GGUGGAAA         14747         CACCGACC         GGAGGAAAACUCCCUUCAAGGACAUCGUCCGGG           5481         GCUGGAGC         14747         CACCGAC         GGAGGAAAACUCCCUUCAAGGACAUCGUCCGGG           5481         GCUGGAGC         14749         CACCGAC         GGAGGAAAACUCCCUUCAAGGACAUCGUCCGGG           5473         GCUGGACC         14752         AUGUCCC         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           5473         GCUGGACA         GACCGCAC         14753         ACUGCUCC         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           5452         CACGAACA         GUUGUAGU         14753         ACUGCUUC         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           5441         UGCACUCC         GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG         5428         CCCUCUCA         GAGGGAAACUCCCUUCAAGGACAUCGUCGGG           5428         CCCUCUCA         GAGGAAACUCCCUUCAAGGACAUCGUCCGGG         5428         CCCUCUCA         GAGGAAAACUCCCUUCAAGGACAUCGUCCGGG           5428         CCCUCUCA         GAGGAAAACUCCCUUCAAGGACAUCGUCCGGG         5428         CCCUCUCA         GAGGAAAACUCCCUUCAAGGACAUCGUCCGGG           5428         CCCUCACG         GAGGAAAACUCCCUUCAAGGACAUCGUCCGGG         5428         CCCUCACG         GAGGAAACUCCCUUC	┝	5517	Ü	14745	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36480
5486         UGCUMAGUU G GAUCAGUG         14141         CACCGAACC GAAGGAAACUCCUUCAAGGACAUCGUCCGGG           5481         GCUINAGUG G GUGGAAACUCCCUUCAAGGACAUCGUCCGGG         5481         GCUINAGUG G GUGGAAACUCCCUUCAAGGACAUCGUCCGGG           5481         GCUINAGUG G ANCACUCA         14750         CAUUUCAC GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG           5473         GCUINAGUG G AACAGGUA         14751         AUGAGGAAACUCCUUCAAGGACAUCGUCCGGG           5474         UCCAULAC         AACCUGUU         GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG           5475         UCCAULAC         AACCUGUU         GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG           5471         UCCAULAC         AACCUGUU         GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG           5472         UCCAULAC         AACCUGUU         GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG           5471         UCCAULAC         AACCUGUU         GAAGGAAACUCCCUUCAAGGACAUCGUCGGGG           5472         UCCUGUU         AACCUGUU         GAAGGAAACUCCCUUCAAGGACAUCGUCGGGG           5473         UCCUGUU         AACCUGUU         GAAGGAAACUCCCUUCAAGGACAUCGUCGGG           5474         UGUGGGG         AACCUGUU         GAAGGAAACUCCCUUCAAGGACAUCGUCGGG           5478         CCCUCACA         14773         UGUGCCGC         GAAGGAAACUCCCUUCAAGGACAUCGUCGGG           5478         CCCUCACA         GAAGCACA <td>┝</td> <td>5516</td> <td>O</td> <td>14746</td> <td>GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG</td> <td>36481</td>	┝	5516	O	14746	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36481
5485         GCURGCUG G GUCGGUGG         14748         UCACCGAC GGAGGAAACUCCUUCAAGGACAUCGUCCGGG           5481         GGGUGGGUG G GUGGAAACUCCCUUCAAGGACAUCGUCCGGG           5481         GGGUGGGU G ABAUGAGC         14751         ACUUUCUU GAGGAAACUCCCUUCAAGGACAUCGUCCGGG           5473         GGGUGAAU         14751         AUGUACUU GAGGAAACUCCUUCAAGGACAUCGUCCGGG           5473         UCCAUCAC         AACCUGUU GAGGAAACUCCCUUCAAGGACAUCGUCCGGG           5452         CACCAACA         GACCCUCA           5421         UCCAUCAC         GACCCUCA           5432         CACCUGUG A GAGAGAC         14755           5433         CACCUGUG A GAGAGACA         14755           5426         CACCUGUG A GAGAGACA         14755           5428         CACCUGUG A GAGAGACA         14755         UGUGGAAACUCCCUUCAAGGACAUCGUCCGGGG           5426         CACCUGUG A GAGACACA         14755         UGUGGAAACUCCCUUCAAGGACAUCGUCCGGGGGGGGGG	-	5486	O	14747	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36482
\$4.81         GCUGGRAUC G GUGAANUG         14749         CAUUUCAC GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           \$4.78         GGGGGGAAACUCCCUUCAAGGACAUCGGGGGGGAAACUCCCUUCAAGGACAUCGGGGGGGG	┝	5485	b	14748	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36483
5478         GGEUCGGU G AANUGAGC         14750         GCUCAUUUU GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           5473         GGUGAAAU G AGCCUCAU         14751         AUGAGGCA           5457         UCCAULCA G AACCUCAU         14752         AACCUGUU GAGGAAACUCCCUUCAAGGACAUCGUCGGG           5457         CACCAACA         G GUGGAAA         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           5457         CACCAACA         G GUGGAAA         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           5431         CACCAGGA         14754         CAGGGUGG         GGAGGAAC           5431         CACCUGG         GAGACAUC         14756         GGUGAAACUCCCUUCAAGGACAUCGUCGGG           5429         CCCUGGA         14756         GGUGAAACUCCCUUCAAGGACAUCGUCGGG           5429         CCCUGGA         14759         CCCUCAC         GAGGAAACUCCCUUCAAGGACAUCGUCGGG           5429         CCCUGGA         GAGACAUC         14759         GCUCACCG         GAGAGAACUCCCUUCAAGGACAUCGUCGGG           5412         CAGCCUGG         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG         5406         GGUGAGGAAACUCCCUUCAAGGACAUCGUCGGG           5412         CAGCCUGG         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG         5406         GGUGAGGAAACUCCCUUCAAGGACAUCGUCGGG           5413         CAGCCUGG         GGAGGAGAACUCCCUUCAAGGACAUCGUCGGG         5407         G	-	5481	ღ	14749	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36484
5473         GGUGADADU G AGCCUCAU         14751         AUGAGGCU GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           5457         UCCAUCAC G AACAGGUU         14752         AACCUGGU GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           5451         UCCAACAC G GUUGUAGU         14754         ACCUGGU GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           5431         UGUAGUUC G AGGACACA         14754         ACGGAGGG GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           5431         CACCUGUG A GGACAUC         14754         CAGGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           5428         CCCUGUGA G AGGACAUC         14756         GAUGUUCC         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           5428         CCCUGUGA G GAGACAUC         14756         GAUGUUCC         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           5428         CCCUGUGA G GAGACAUC         14750         GCUGAUCC         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           5412         AACCUUCA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         540         GCUGACAU         GACUCCGG           5426         UGUGACCAU         G GUAGCAU         14761         GCUACCCC         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           5407         GUGGGGGG         14762         ACCCUCAC         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           5408         GUGGACAUG         14761         GCUACCCC         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG		5478	O	14750	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36485
5457         UCCANDRAC G AACAGGUU         14752         AACCUGUU         GAGGGAAACUCCUUCAAGGACAUCGUCCGGG           5441         UGUNGUACA         6 GUCGUG         14753         ACURACAAC         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           5441         UGUNGUAC         6 GACCCCU         14754         CAGGGGAAACUCCCUUCAAGGACAUCGUCGGG           5431         CACCUGUG         6 GAGAGAAA         14754         CAGGGGAAACUCCCUUCAAGGACAUCGUCGGG           5426         CCCUGUGA         6 GAGAGAAA         14754         CAGGGGAAACUCCCUUCAAGGACAUCGUCCGGG           5426         CCCUGUGA         6 GAGAGAAA         14754         CACCUCAC         GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG           5412         CCCUGUGA         6 GAGAGAAACUCCCUUCAAGGACAUCGUCCGGG         5412         CCCUGUGA         6 GUGAGGAA           5412         CCCUCUGU         GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG         5412         CCCUCAC         GAGGGAAACUCCCUUCAAGGACAUCGGGGGGGGGGGGGG	-	5473	O	14751	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36486
5452         CACGARACA G GUUGUAGU         14753         ACURCAAC GGAGGAAACUCCUUCAAGGACAUCGUCCGGGGGGGGGG	<u> </u>	5457	ප	14752	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36487
5441         UGUAGUUC G GCACCCUG         14754         CAGGGUGC GGAGGAAACUCCUUCAAGGACAUCGUCCGGG           5431         CACCCUGU G AGAGAAACUCCCUUCAAGGACAUCGUCCGGG           5428         CCCUGUGA G AGACAUCA         14756         GAUGUUCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           5428         CCCUGUGA G AGACAUCA         14759         GCUGAUGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           5413         CAGCUGU G GUGAGGG         14759         CCCUCACC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           5414         AGCCUGGG         GUGAGGGAACUCCCUUCAAGGACAUCGUCCGGG           5415         CAGCUGG         GUGAGGGAAACUCCCUUCAAGGACAUCGUCCGGG           5416         UGGUGGG         GUGAGGGAAACUCCCUUCAAGGACAUCGUCCGGG           5417         AGCCUGAC         GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG           5418         CCCUCACC         GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG           5409         CUGUGGGU         G GUGAGGAA           5406         UGGUGGGU         ACACCUGC           5407         GUGGGCAAUGA         14761         AUGCUCCC           5398         GUGACCAUG         ACACCUGC         GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG           5310         UGGUGCAUCA         14762         AUGCUCCC         GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG           5310         UGGUCAUCA         GAGGGAGAACUCCCUUCAAGGACAUCGUC	-	5452	O	14753	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36488
5431         CACCCUGU G AGGAGACA         14755         UGUCUCCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           5429         CCCUGUGA G GAGACAUC         14756         GAUGUCUC         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           5428         CCCUGUGAG G AGACAUCA         14756         GAUGUCUC         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           5413         CAGCCUGU G GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         5412         AGCCUGUG         GGUGAGGG         14759         ACCCUCAC         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           5410         CUGUGGGU         G GUGACGG         14760         ACCCUCAC         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           5409         CUGUGGGU         G GUGACCAU         GAGGAAACUCCCUUCAAGGACAUCGUCCGGG           5406         GUGGGGAA         14760         ACCCUCAC         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           5407         GUGGGGAA         14761         GCUCCUCAC         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           538         GGUACCAU         ACACAUCA         GAGGAGAACUCCCUUCAAGGACAUCGUCCGGG           5380         GGUACCAU         ACACAUCG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           5381         UGGCACUGC         ACACAUCG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           5381         UGGCACUGC         ACACAUCG         GGAGGAGAACUCCCUUCAAGGACAUCGUCCGGG	_	5441	b	14754	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36489
5429         CCCUGUGA G GAGACAUCA         14756         GAUGUCUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           5428         CCUGUGAG G AGACAUCA         14757         UGAUGUCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           5426         UGGUGAGG G AGACAUCA         14758         GCUGAUGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           5412         CAGCUGUG G GUGAGGG         14760         ACCCUCACC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           5412         AGCCUGUG G GUGAGGG         14761         ACCCUCACC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           5407         GUGGGUAG         14762         ACCCUCAC         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           5408         GUGGGUAG         14763         CCUCACC         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           5398         GGUAGCAU         14764         UCAUGUGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           5391         UGACACUG         GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG           5358         GGUACUG         GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG           5359         UGACACUG         GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG           5351         UGACACUG         GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG           5358         GGUACUGC         GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG           5348         GGACUGC         GAACAGC         GAAGGAAACUCCCUUCAAGGACAUCGUCGGG           5348	-	5431	O	14755	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36490
5428         CCUGUGAG G AGACAUCA         14757         UGAUGUCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           5426         UGUGAGGA G ACAUCAG         14758         GCUGAUGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           5413         CAGCCCGG         14769         CCCUCAC         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           5412         AGCCGGG         G GUGAGGA         14761         ACCCUCAC         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           5409         CUGUGGG         G GUGAGGA         14761         ACCCUCAC         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           5406         UGGGUGA         G GUAGCAU         14762         AUGCUCAC         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           5398         GUUAGCAU         14763         CACUCAC         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           5398         GUUAGCAU         14764         UCAUCUC         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           5399         GUUACACU         GACACUGC         GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG           5350         UGAUCCU         GACACUGC         GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG           5358         UGUUCUCU         G GCACUGC         GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG           5359         UGUUCUCU         G GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG           5348         GCACUGC         GAGGGGAAACUCCCUUCAAGGACAUCGUCCGGG	_	5429	Ð	14756	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36491
5426         UGUGAGGA G ACAUCAGC         14759         GCUGAUGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           5413         CAGCCUGU G GGGGAGAACUCCCUUCAAGGACAUCGUCCGGG           5412         AGCCUGU G GGGGGAAACUCCCUUCAAGGACAUCGUCCGGG           5412         AGCCUGU G GUGAGGA         14760         ACCCUCAC         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           5409         CUGUGGG G GUGAGCAU         14761         GCUACCCU         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           5406         UGGGGGAA         14762         AUGCUAC         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           5398         GGUAGCAU         ACACUGC         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           5391         UGAUCCUC         ACACUGC         GGAGGAAACUCCCUUCAAGGACAUCCGGGG           5381         UGAUCCUC         ACACUGC         GGAGGAAACUCCCUUCAAGGACAUCCGGGG           5381         UGAUCCUC         ACAGGGAAACUCCCUUCAAGGACAUCCGGGG           5381         UGUUCUCU         GCACUGC         GCAGGGAAACUCCCUUCAAGGACAUCGUCCGGG           5384         GGACUGC         GCAGGGAAACUCCCUUCAAGGACAUCGUCCGGG           5349         GGACUGC         GAAGGGAAACUCCCUUCAAGGACAUCGUCCGGG           5348         GGACUGC         GAAGGACA         GAAGGACAA           5334         GGACUGC         GAAGGACAA         GAAGGACAA	_	5428	ט	14757	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36492
5413         CAGCCUGUG G GUGAGGG         14759         CCCUCACC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           5412         AGCCUGUG G GUGAGGGU         14760         ACCCUCAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           5409         CUGUGGGU         14761         GCUACCCU         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           5409         CUGUGGGU         14762         AUGCUAC         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           5406         UGGGUGAG         14762         AUGCUAC         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           5398         GGUAGCAU         14763         CAUGUCC         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           5391         UGAUCUCU         GACACUGC         14764         UCAUGUGU         GACACUGG           5349         GGACCUGC         14764         UCAUGUGC         GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG           5348         GGACUGGG         14766         GUUGAUGC         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           5349         GGACUGGG         14767         CGCAGUGC         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           5348         GGACUGCG         14767         CGCAGUGC         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           5348         GCACUGC         14769         CCAGGACA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           5334         GGAUGGCC         <	_	5426	D	14758	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36493
5412         AGCCUGUG G GUGAGGGU         14760         ACCCUCAC         GGAGGAAACUCCUUCAAGGACAUCGUCGGG           5409         CUGUGGGU G AGGGUAGC         14761         GCUACCCC         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           5407         GUGGGUGA G GGACAUGA         14762         AUGCUACC         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           5398         GGUAGCAU         14763         CAUGCUAC         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           5391         UGACACAU         G ACAUCAAC         14764         UCAUGUG         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           5357         UGACUGC         14764         UCAUGUG         GGAGCAUGG         GGAGCAUGG           5349         GCACUGC         GGCACUGC         GAGGGAAACUCCCUUCAAGGACAUCGUCGGG         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           5349         GGACUGC         G GACCUGC         GAGGGAAACUCCCUUCAAGGACAUCGUCGGG         GGAGCAUGC           5349         GCACUGC         G GACCUGC         GAGGACAACUCCCUUCAAGGACAUCGUCGGG         5348           GGACUGC         G GACUGC         GAGGCACUC         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           5348         GCACUGC         G GAGCACUC         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           5334         GGACUGC         G GAGCACUC         GGAGGCACUC         GGAGGCACUC           5334	_	5413	ט	14759	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36494
5409         CUGUAGGO G AGGGNAGC         14761         GCUACCCO GAGGAAACUCCCUUCAAGGACAUCGUCCGGG           5407         GUGGGCAQ         14762         AUGCUACC         GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG           5406         UGGGGCAU         14763         CAUGCUAC         GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG           5398         GGUAGCAU         AACAUGG         GAGGGAAACUCCCUUCAAGGACAUCGUCGGG           5391         UGACACAU         GACAUGG         GAGGGAAACUCCCUUCAAGGACAUCGUCGGG           5392         GGUACUGG         GACAUGG         GAGGGAAACUCCCUUCAAGGACAUCGUCGGG           5394         GGCACUGG         GAGGGAAACUCCCUUCAAGGACAUCGUCGGG           5349         GGCACUGG         GAGGGAAACUCCCUUCAAGGACAUCGUCGGG           5349         GGCACUGG         GAGGGAAACUCCCUUCAAGGACAUCGUCGGG           5349         GGACUGG         GAGGGAAACUCCCUUCAAGGACAUCGUCGGG           5349         GGACUGG         GAGGGAAACUCCCUUCAAGGACAUCGUCGGG           5340         GGACUGG         GAGGGAAACUCCCUUCAAGGACAUCGUCGGG           5341         GACUGCG         GAGGGAAACUCCCUUCAAGGACAUCGUCGGG           5342         GACUGCG         GAGGGAAACUCCCUUCAAGGACAUCGUCGGG           5348         GCACUGCG         GAGGCACUG           63400000         GACUCCGG         GAGGCACUG	_	5412	ט	14760	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36495
5407         GUGGGUGA         14762         AUGCUACC         GRAGGAAACUCCCUUCAAGGACAUCGUCCGGG           5406         UGGGUGAG         GUAGCAUG         14763         CAUGCUAC         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           5398         GGUAGCAU         A CACACAUGA         14764         UCAUGUGU         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           5391         UGACACAU         G ACACUGC         14765         GUUGAUGU         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           5357         GUUCUCU         G GCACUGC         14766         GCAGUGC         GGAGGGAAACUCCCUUCAAGGACAUCGUCCGGG           5349         GGCACUGC         GAAGUCG         GAGACAUC         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           5348         GGCACUGC         GAUGUCG         GAGACAUC         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           5349         GGCACUGC         GAUGUCG         GAGACAUC         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           5341         GGACCUGC         GAUGGGCA         14779         UCCGGUAC         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           5334         GGACCUGC         GAUGGGCA         14771         UCCCGUAC         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           5335         UGGGUAC         GAUGGGCA         14774         UCCCGAUC         GGAGGGAAACUCCCUUCAAGGACAUCGUCCCGGG           5336 <td>_</td> <td>5409</td> <td>ပ</td> <td>14761</td> <td>GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG</td> <td>36496</td>	_	5409	ပ	14761	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36496
5406         UGGGUGAG G GUAGCAUG         14763         CAUGCUAC GGAGGAAACUCCUUCAAGGACAUCGUCCGGG           5398         GGUAGCAU G ACACAUGA         14764         UCAUGUGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           5391         UGACACAU G ACAUCAAC         14765         GUUGAUGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           5357         GUUCUCU G GCACUGC         14766         GCAGUGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           5349         GGCACUGC G AUGUCUG         14770         CCCAGACAU GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           5341         GGAUGCG G AUGUCUG         14770         UCCGGUAC GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           5334         GGAUGCG G AUGGGGA         14770         UCCGGUAC GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           5335         CUGGUACC G GAUGGGA         14771         UCCGGUAC GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           5336         GCACUGCG G AUGGGCA         14771         UCCCGUAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           5331         UGGUACCG G AUGGGCA         14771         UCCCGGUAC GGAGGGAAACUCCCUUCAAGGACAUCGUCCGGG           5334         UGGUACCG G AUGGGCA         14771         UCCCCAUC         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           5335         UCGGAUCC         GAUGCCG         GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG         5334         UGGUACCG         GAGGGCA         14774         GAGCCACG         GAGGGAAACUCCCUU	-	5407	O	14762	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36497
5398         GGUAGCAU G ACACAUGA         14764         UCAUGUGU         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           5391         UGACACAU G ACAUCAAC         14765         GUUGAUGU GAGGAAACUCCCUUCAAGGACAUCGUCGGG           5358         UGUUCUCU G GGCACUGC         14766         GCAGUGCC         GAGGGAAACUCCCUUCAAGGACAUCGUCGGG           5349         GGCACUGC G GAUGUCUG         14767         CGCAGUGC         GAGGGAAACUCCCUUCAAGGACAUCGUCGGG           5341         GGCACUGC G AUGUCUG         14770         UCCGGUAC         GAGGGAAACUCCCUUCAAGGACAUCGUCGGG           5334         GCACUGC G AUGGGCA         14771         UCCGGUAC         GAGGGAAACUCCCUUCAAGGACAUCGUCGGG           5334         UGGUACC G AUGGGCA         14771         UCCCGUAC         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           5334         UGGUACC         GAUGGGAAACUCCCUUCAAGGACAUCGUCGGG         GAUGGGAAACUCCCUUCAAGGACAUCGUCGGG           5334         UGGUACC         GAUGGGAAACUCCCUUCAAGGACAUCGUCGGG           5334         UGGUACC         GAUGGGAAACUCCCUUCAAGGACAUCGUCCGGG           5334         UGGUACCG         GAUGCCCAU         GGAGGGAAACUCCCUUCAAGGACAUCGUCCGGG           5335         UGGUACCG         GAUGCCCAU         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           5336         ACCGGAU         GGACGCCAU         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	_	5406	ט	14763	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36498
5391         UGACACAU G ACAUCAAC         14765         GUUGAUGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           5358         UGUUCUCU G GGACUGC         14766         GCAGUGCC         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           5349         GGCACUGC G GAUGUCUG         14767         CGCAGUGC         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           5349         GGCACUGC G GAUGUCUG         14768         CAGGACAU         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           5341         GGAGUGC G AUGUCUG         14770         UCCGGUAC         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           5334         UGGUACC         G AUGGGCA         14771         UGCCCAU         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           5334         UGGUACC         G AUGGGCA         14772         UGCCCAU         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           5334         UGGUACC         G AUGGGCA         14772         UGCCCAU         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           5334         UGGUACC         G AUGGGAA         14772         CUGCCCAU         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           5334         UGGUACC         G AUGGCAG         14772         CUGCCCAU         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           5336         ACCGGAU         G GCAGUC         GGACUGC         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           5286         ACAACCC	Н	3398	G	14764	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36499
5358         UGUUCUCU G GGCACUGCG         14766         GCCAGUGCC         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           5349         GUUCUCUG G GACUGCG         14767         CGCAGUGC GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           5348         GGCACUGC G AUGUCUG         14769         CCAGACAU GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           5341         GGAUGUCU G GAUGGCA         14770         UCCGGUAC GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           5334         UGGUACC G GAUGGCA         14771         UGCCCAU GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           5334         UGGUACC G GAUGGCA         14772         CUGCCCAU GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           5334         UGGUACC G GAUGGCA         14772         CUGCCCAU GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           5334         UGGUACC G AUGGCA         14772         CUGCCCAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           5336         ACCGGAU G GGCAGUC         14773         GGACUGC         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           5331         UACCGGAU G GGCAGUC         14774         AGGACUGC         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           5286         ACCAGAUG         GCAGUCC         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           5287         ACCGGAUG         GCAGUCC         GAACUGC         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           5288         ACCAGGAUG         GGCAGUCC         14774	Н	1391	D	14765	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36500
5357         GUUCUCUG G GCACUGCG         14767         CGCAGUGC GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           5349         GGCACUGC G AUGUCUG         14768         CAGACAU GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           5348         GCACUGC G AUGUCUGG         14770         UCCGGUAC         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           5334         GGAUGUCC G GAUGGCA         14771         UCCGGUAC         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           5334         UGGUACCG G AUGGCA         14772         CUGCCCAU         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           5331         UACCGGAU         GGCAGUCC         GAACUGC         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           5331         UACCGGAU         GGCAGUCC         GAACUGC         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           5330         ACCGGAU         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG         GCAGGAU         GGACUGCC           5286         ACAGCCCU         14774         AGGACUGC         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           5282         CCCUGGUG         GUUGCCAU         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           5282         CCCUGGUG         GUUGCCAU         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           5282         CCCUGGUG         GUUGCCAU         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           5282         CCCUGGUG         GUUGCCAU         GGAGGAAACUCCCU	-	3358	Ö	14766	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36501
5349         GGCACUGC G ANGUCUGG         14768         CAGACAUC GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           5348         GCACUGC G AUGUCUGG         14769         CCAGACAU GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           5341         GGAUGUCU G GUACCGGA         14770         UCCGGUAC GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           5334         UGGUACC G AUGGGCA         14771         UGCCCAU GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           5331         UACCGGAU G GCAGUCC         14772         CUGCCCAU GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           5330         ACCGGAU G GCAGUCC         14773         GGACUGCC GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           5286         ACAACCCU G GUAGGUCC         14774         AGGACUGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           5286         ACAACCCU G GUAGGUCC         14774         AGGACUGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           5286         ACAACCCU G GUAGGUCC         14774         AGGACUGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           5286         ACAACCCU G GUAGGUCC         14775         AGGACCAAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           5287         CCCUGGUU G GUAGGUCC         14776         GCUAGCCAAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           5287         ACCGGAUG         GUAGGUCC         14777         AGGACCAAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           5281         ACCGGGUG         GUAGGUCC         14777		3357	ບ	14767	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36502
5348         GCACUGCG G AUGUCUGG         14769         CCAGACAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           5341         GGAUGUCU G GUACCGGA         14770         UCCGGUAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           5334         UGGUACCG G AUGGGCA         14771         UGCCCAU GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           5334         UACCGGAU G GACAGUCC         14772         CUGCCCAU GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           5330         ACCGGAUG G GCAGUCC         14774         AGGACUGC GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           5286         ACAACCCU G GUGGGGA         14774         AGGACCAAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           5286         ACAACCCU G GUGGGGG         14775         GCACCAAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           5286         ACCGGGUG         GUGGGGG         14774         AGGACCAAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           5286         ACCAGGUG         GUGGGGG         14775         GCACCAAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           5286         ACCAGGUG         GUGGGGG         14776         GCUAGCAC         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           5287         CCCUGGUU         GUGGUGC         GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG         GCAGGCCGGGGG           5281         ACCAGGAUG         GUGGCCCAUCAACGGACACCCUUCAAGGACAUCGUCCGGGG         GCAGGCCCUCAACCGGGGGGGGGGGGGGGGGGGGGGGGG	Ц	5349	D	14768	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36503
5341         GGAUGUCU G GUACCGGA         14770         UCCGGUAC         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           5335         CUGGUACC         G AUGGGCA         14771         UGCCCAU         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           5334         UGGUACC         G AUGGGCA         14772         CUGCCCAU         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           5330         ACCGGAUG         G GACGUCC         14773         AGGACUGC         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           5286         ACAACCCU         G GUGGUGC         14774         AGGACGAAC         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           5286         ACAACCCU         G GUGGUGC         14775         GCACCAAC         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           5286         ACCAGGUG         G GUGGUGC         14775         AGACCAAC         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           5286         ACCAGGUG         G GUGGUGC         14775         AGACCAAC         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           5281         ACCGGGUG         G GUGGUGC         14776         AGACCAAC         GGAGGGAAACUCCCUUCAAGGACAUCGUCCGGG           5282         CCCUGGUU         G GUGGUGC         14777         AGACCAAC         GGAGGGAAACUCCCUUCAAGGACAUCGUCCGGG           5281         CCCUGGUU         G GUGGUGC         14777         AGACCAAC	_	3348	0	14769	GGAGGAACUCCCUUCAAGGACAUCGUCCGGG	36504
5335         CUGGUACC G ANGGGCAB         14771         UGCCCCAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           5334         UGGUACCG G AUGGGCAG         14772         CUGCCCAU GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           5331         UACCGGAU G GGCAGUCC         14773         GGACUGCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           5330         ACCGGAUG G GCAGUCC         14774         AGGACUGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           5286         ACAACCCU G GUUGGUGC         14775         GCACCAAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           5282         CCCUGGUU G GUUGGUGC         14776         GCACCAAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           5282         CCCUGGUU G GUGGUAGC         14776         AGACCAAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           5281         GCUAGUCC         14777         AGAACAGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           5282         CCCUGGUU         GUUGGUC         14777         AGAACCAAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           5281         GCUAGUCC         14777         AGAACACCCUUCAAGGACAUCGUCCGGGG	!	5341	Ö	14770	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36505
5334         UGGUACCG G AUGGGCAG         14772         CUGCCCAU GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           5331         UACCGGAU G GGCAGUCC         14773         GGACUGCC GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           5330         ACCGGAUG G GCAGUCC         14774         AGGACUGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           5286         ACAACCCU G GUUGGUGC         14775         GCACCAAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           5282         CCCUGGUU G GUUGGUGC         14776         GCUAGCAC         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           5282         CCCUGGUU         GUUGGUCC         14776         AGACCAAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           5281         GCUAGCAC         14777         AGAACAGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	-	3335	ø	14771	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36506
5331     UACCGGAU G GGCAGUCC     14774     AGGACUGCC     GGACUGCC     GGAGGAAACUCCCUUCAAGGACAUCGUCGGGG       5330     ACCGGAUG G GCAGUCCU     14774     AGGACUGC     GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG       5286     ACAACCCU G GUUGGUGC     14775     GCACCAAC     GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG       5282     CCCUGGUU G GUGCUAGC     14776     GCUAGCAC     GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG       5271     GCUAGCAC     GAGGGAAAACUCCCUUCAAGGACAUCGUCCGGG	_	5334	ប	14772	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36507
5330ACCGGAUG G GCAGUCCU14774AGGACUGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG5286ACAACCCU G GUUGGUGC14775GCACCAAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG5282CCCUGGUU G GUGCUAGC14776GCUAGCAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG5271GCUAGCAC G GUGGUCU14777AGAACAGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG		3331	ტ	14773	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36508
5286ACAACCCU G GUUGGUGC14775GCACCCAAC GGAGGAAACUCCCUUCAAGGACAUCGUCGGG5282CCCUGGUU G GUGCUAGC14776GCUAGCAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG5271GCUAGCAC G GCUGUUCU14777AGAACAGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	4	5330	ט	14774	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36509
5282 CCCUGGUU G GUGCUAGC 14776 GCUAGCAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 5271 GCUAGCAC G GCUGUUCU 14777 AGAACAGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	Н	5286	Ö	14775	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36510
5271 GCUAGCAC G GCUGUUCU 14777 AGAACAGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	-	5282	ø	14776	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36511
		1729	Ø	14777	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36512

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5783	5247	CUGUUDAU G GCCUCUUU	14778	AAAGAGGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUAAACAG	36513
5792	5238	GCCUCUUU G AUGAUCUG	14779	CAGAUCAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAAGAGGC	36514
5795	5235	UCUUUGAU G AUCUGUGG	14780	CCACAGAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUCAAAGA	36515
5802	5228	9	14781	GAUUCUGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACAGAUCA	36516
5806	5224	cneneecy e yanccncc	14782	GGAGGAUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGCCACAG	36517
5825	2025	eseccese e coeccese	14783	CCCGGCGC GGAGGAACUCCCUUCAAGGACAUCGUCCGGG GGUAAAAC	36518
5831	6615	DESCRIPTION OF CORPORATE	14784	CUCCAUCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGCGCCGG	36519
5832	5198	CGGCGCCG G GAUGGAGA	14785	UCUCCAUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGGCGCCG	36520
5833	5197	GGCGCCGG G AUGGAGAU	14786	AUCUCCAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCGGCGCC	36521
5836	5194	GCCGGGAU G GAGAUCCA	14787	UGGAUCUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUCCCGGC	36522
5837	5193	CCGGGAUG G AGAUCCAG	14788	CUGGAUCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAUCCCGG	36523
5839	5191	ט	14789	UACUGGAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCCAUCCC	36524
5852	5178	AGUACAGU G AUCUGUUU	14790	AAACAGAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACUGUACU	36525
5877	5153	Ð	14791	AUUCGAAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGAGAUGC	36526
5882	5148	UCAGGUUC G AAUCCGGC	14792	GCCGGAUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAACCUGA	36527
5888	5142	D	14793	AUCCCAGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAUUCGA	36528
5892	5138	AUCCGGCU G GGAUUGGC	14794	GCCAAUCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGCCGGAU	36529
5893	5137	ט	14795	AGCCAAUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAGCCGGA	36530
5894	2136	CCGGCUGG G AUUGGCUC	14796	GAGCCAAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCAGCCGG	36531
5898	5132	ტ	14797	GGAUGAGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAUCCCAG	36532
5940	2090	UNAUGUAU G AGCCGUUG	14798	CAACGGCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUACAUAA	36533
5948	5082	GAGCCGUU G GGCAUUAU	14799	AUAAUGCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AACGGCUC	36534
5949	5081	D.	14800	CAUAAUGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAACGGCU	36535
5957	5073	Ð	14801	AAUGGAGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUAAUGCC	36536
9009	5024	Ð	14802		36537
6009	5021	Ð	14803	AUCAGGCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACCAAUAG	36538
6015	5015	GUGAGCCU G AUGUUCCA	14804	UGGAACAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGGCUCAC	36539
6026	5004	٥	14805	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36540
6027	5003	O	14806	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36541
6028	5002	Ö	14807	UGGACUUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCACUGGA	36542
6039	5001	O	14808	UUGGACUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCCACUGG	36543
6044	4986	Ö	14809	AUCGGGGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUGACUUU	36544
6050	4980	O	14810	GGAGAAAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGGGCCGU	36545
6909	4967	9	14811	CAAAACAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGAAGGAG	36546
.6071	4959	ō	14812	GGGGUGUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAAACACC	36547
6081	4949	စ	14813	GACGAAAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGGGGUGU	36548
6091	4939	Ö	14814		36549
6092	4938	Ö	14815	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36550
6114	4916	<u>ت</u>	14816	GGUGGAAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGGCAAGA	36551
6173	4857	AAUUUCCA G GGUCCUCC	14817	GGAGGACC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGGAAAUU	36552

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4856	AUTUCCAG G GUCCUCCG	14818	CGGAGGAC GGAGGAACUCCCUUCAAGGACAUCGUCCGGG CUGGAAAU	36553
4837	0	14819		36554
4827	UCCUCCUU G ACACUGCC	14820	GGCAGUGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAGGAGGA	36555
4811	CCCAGUAU G GGUCCAGG	14821	CCUGGACC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUACUGGG	36556
4810	CCAGUAUG G GUCCAGGC	14822	GCCUGGAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAUACUGG	36557
4804	UGGGUCCA G GCGCCCU	14823	AGGGCCGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGGACCCA	36558
4801	GUCCAGGC G GCCCUCUC	14824	GAGAGGGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCCUGGAC	36559
4779	AUCAAAGC G GCUCCUUU	14825	AAAGGAGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCUUUGAU	36560
4756	AUGCCAAA G GGUGUGGA	14826	UCCACACC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUUGGCAU	19598
4755	UGCCAAAG G GUGUGGAA	14827	UUCCACAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUUUGGCA	36562
4750	AAGGGUGU G GAAAACAC	14828	GUGUTUUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACACCCUU	36563
4749	AGGGUGUG G AAAACACC	14829	GENGUIUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CACACCCU	36564
4714	UCCUGCUU G AUAACUGC	14830	GCAGUUAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAGCAGGA	36565
4704	UAACUGCC G AGCAGCCC	14831	GGCCUGCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGCAGUUA	36566
4693	CAGCCCAC G AGUCAUGA	14832	UCAUGACU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUGGGCUG	36567
4686	CGAGUCAU G AUCCUGUA	14833	UACAGGAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUGACUCG	36568
4677	AUCCUGUA G ACGCCGGU	14834	ACCGGCGU GGAGGAACUCCCUUCAAGGACAUCGUCCGGG UACAGGAU	36569
4671	UAGACGCC G GUGGUCGU	14835	ACGACCAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGCGUCUA	36570
4668	ACGCCGGU G GUCGUGUC	14836	GACACGAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACCGGCGU	36571
4640	ACUCCUUU G GUGAGGGA	14837	UCCCUCAC GGAGGAACUCCCUUCAAGGACAUCGUCCGGG AAAGGAGU	36572
4637	CCUUUGGU G AGGGAGUG	14838	CACUCCCU GGAGGAACUCCCUUCAAGGACAUCGUCCGGG ACCAAAGG	36573
4635	UUUGGUGA G GGAGUGUC	14839	GACACUCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCACCAAA	36574
4634	UUGGUGAG G GAGUGUCC	14840		36575
4633	UGGUGAGG G AGUGUCCC	14841	GGGACACU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCUCACCA	36576
4597	UGUGUAUU G GAGAGUUA	14842	UNACUCUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAUACACA	36577
4596	GUGUAUUG G AGAGUUAU	14843	AUAACUCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAAUACAC	36578
4594	GUAUUGGA G AGUUAUCC	14844	GGAUAACU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCCAAUAC	36579
4571	CAACUACU G AGGCCAAG	14845	CUUGCCCU GGAGGAACUCCCUUCAAGGACAUCGUCCGGG AGUAGUUG	36580
4569	ACUACUGA G GGCAAGAU	14846	1	36581
4568	ט	14847	AAUCUUGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUCAGUAG	36582
4563	CAGGGCAA G AUUGCCCA	14848	UGGGCAAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUGCCCUC	36583
4554	O	14849	UACACCCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGGGCAAU	36584
4553	UUGCCCAG G GGGUGUAC	14850	GUACACCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUGGGCAA	36585
4552	UGCCCAGG G GGUGUACG	14851	CGUACACC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCUGGGCA	36586
4551	GCCCAGGG G GUGUACGC	14852	GCGUACAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCCUGGGC	36587
4533	CUAAUCGC G AGACAGAC	14853	GUCTIGUCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCGAUUAG	36588
4531	AAUCGCGA G ACAGACCA	14854	UGGUCUGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCGCGAUU	36589
4527	GCGAGACA G ACCAUUCU	14855	AGAAUGGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGUCUCGC	36590
4518	ACCAUUCU G AGCAUCCA	14856	UGGAUGCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGAAUGGU	36591
4499	UCUUCCAA G GUGCUCCU	14857	AGGAGCAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUGGAAGA	36292

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,			0C0#7	GAAUGAUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGGAGCAC	36593
6541	4489	១	14859	1	36594
6551	4479	U G	14860	UUCCAGCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUGAAUGA	36595
Н	4474	CAUGAGCU G GAAGUUUC	14861	GAAACUUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGCUCAUG	36296
	4473	9	14862	GGAAACUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAGCUCAU	36597
-	4430	ט	14863	UACAGGCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAGCGAAA	36598
-	4401	ט	14864	GACAUTUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGGGAAAG	36599
$\dashv$	4400	U	14865	GGACAUUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUGGGAAA	36600
Н	4364	ซ	14866	UGGGAAAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AACAGAUA	36601
	4355	AUUUCCCA G AAAUCACG	14867	CGUGAUUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGGGAAAU	36602
Н	4347	ט	14868	GCUGCUUU GGAGGAACUCCCUUCAAGGACAUCGUCCGGG GUGAUUUC	36603
-	4332	U	14869	GCGGGGCU GGAGGAACUCCCUUCAAGGACAUCGUCCGGG AUGUUUGC	36604
6707	4323	AGCCCCGC G AUAGUCAU	14870	AUGACUAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCGGGGCU	36605
Н	4313	ဗ	14871	GGCCAUUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAUGACUA	36606
-	4312	ט	14872	UGGCCAUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAAUGACU	36607
}	4308	ڻ ت	14873	1 1	36608
4	4302	ט	14874	AUJGACUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUGGCCAU	36609
-	4301	Ö	14875	CAUUGACU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAUGGCCA	36610
ᅱ	4272	ပ	14876	GCCAUCGU GGAGGAACUCCCUUCAAGGACAUCGUCCGGG GGAGGGCU	36611
$\dashv$	4269	Ö	14877	UUUGCCAU GGAGGAACUCCCUUCAAGGACAUCGUCCGGG GUCGGAGG	36612
4	4266	0	14878	AUGUUUGC GGAGGAAACUCCCUUCAAGGACAUCGUCGGG AUCGUCGG	36613
-	4255	5	14879		36614
4	4251	0	14880	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36615
$\dashv$	4227	<b>ʊ</b>	14881	- 1	36616
	4226	0	14882		36617
$\dashv$	4210	0	14883		36618
+	4206	ט	14884	- 1	36619
+	4205	ە	14885	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36620
4	4204	ט	14886	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36621
-	4177	ಠ	14887		36622
-	4176	<u>ت</u>	14888	CCCAUGAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUUGCUGC	36623
$\dashv$	4170	ט	14889		36624
4	4169	Ü	14890	UUUCAACC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAUGAUCC	36625
-	4168	Ü	14891	UUUUCAAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCAUGAUC	36626
-	4164	១	14892	GGACUUUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AACCCCAU	36627
-	4151	0	14893	- 1	36628
4	4149	ט	14894	GCUCUAGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCAACAGG	36629
-	4144	٥	14895	GCUUGGCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UAGCCUCA	36630
4	4129	Ö	14896	GAGCAAGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGCUAUGC	36631
6944 4	4086	UUCUCCCU G AUCAAGCU	14897	AGCUUGAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGGGAGAA	36632

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<b>Table</b>
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6962	4068	CCUAUUCC G ACCAUCAA	14898	UUGAUGGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAAUAGG	36633
6994	4036	CACAUCCA G AUUCAAGC	14899	GCUUGAAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGGAUGUG	36634
7013	4017	ָט	14900	CUAACACC GGAGGAAACUCCCUUCAAGGACAUCGUCGGG GGGCUGAG	36635
7014	4016	UCAGCCCG G GUGUUAGC	14901	GCUAACAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGGGCUGA	36636
7024	4006	UGUUAGCA G GGCUAGCA	14902	UGCUAGCC GGAGGAAACUCCCUUCAAGGACAUCGUCGGG UGCUAACA	36637
7025	4005	GUUAGCAG G GCUAGCAG	14903	CUGCUAGO GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUGCUAAC	36638
7035	3995	CUAGCAGC G GAACAACC	14904	GGUUGUUC GGAGGAAACUCCCUUCAAGGACAUCGUCGGG GCUGCUAG	36639
7036	3994	UNGCAGCG G AACAACCA	14905	UGGUUGUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGCUGCUA	36640
7050	3980	CCACGUUU G AUGUCGUU	14906	AACGACAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAACGUGG	36641
7061	3969	GUCGUUGU G AAUGUUAU	14907	AUAACAUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACAACGAC	36642
7070	3960	AAUGUUAU G GCUCUCAG	14908	CUGAGAGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUAACAUU	36643
7101	3929	CCCCCAGU G AAUUCAAC	14909	GUUGAAUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACUGGCGG	36644
7116	3914	ACACAUCA G GGAUCUCC	14910	GGAGAUCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGAUGUGU	36645
7117	3913	CACAUCAG G GAUCUCCC	14911	GGGAGAUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUGAUGUG	36646
7118	3912	ACAUCAGG G AUCUCCCA	14912	UGGGAGAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCUGAUGU	36647
7127	3903	AUCUCCCA G AGCAGAAU	14913	AUUCUGCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGGGAGAU	36648
7132	3898	CCAGAGCA G AAUUUGGC	14914	GCCAAAUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGCUCUGG	36649
7138	3892	CAGAAUUU G GCGGGCAU	14915	AUGCCCGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAAUUCUG	36650
7141	3889	AAUUUGGC G GGCAUCGU	14916	ACGAUGCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCCAAAUU	36651
7142	3888	AUUUGGCG G GCAUCGUG	14917	CACGAUGE GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGCCAAAU	36652
7150	3880	GGCAUCGU G AUAAGCCA	14918	UGGCUUAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACGAUGCC	36653
7162	3868	២	14919	UUUUCUUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAAUGGCU	36654
7166	3864	Ö	14920	GCUGUUUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUUCAAAU	36655
7201	3829	D O	14921	GGACCAAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGGAGAAC	36656
7205	3825	nccneenn e encoynca	14922	AGAUGGAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AACCAGGA	36657
7220	3810	CUCGCUUU G AGARACGA	14923	UCGUUUCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAAGCGAG	36658
7222	3808	CGCUUUGA G AAACGAUG	14924	CAUCGUUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCAAAGCG	36659
7227	3803	ט	14925	GOUGGCAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUUUCUCA	36660
7245	3785	U G	14926	GAUACAAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGUGUUUA	36661
7256	3774	UGUAUCUU G AAGGUCGC	14927	GCGACCUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAGAUACA	36662
7259	3771		14928	AUGGCGAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUCAAGAU	36663
7268	3762	D G	14929	UUGGCGCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUGGCGAC	36664
7296	3734	Q	14930	AUCUAAUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGGAGGAG	36665
7302	3728	CCGAAUUA G AUUCUGCG	14931	CGCAGAAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UAAUUCGG	39998
7310	3720	CAUUCUGC G AAAGCUGC	14932	GCAGCUUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCAGAAUC	36667
7328	3702	ษ	14933	UAUGUCAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUGGUGGG	36668
7331	3699	ACCAAGAU G ACAUAGCG	14934	CGCUAUGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUCUUGGU	36669
7375	3655	₽ G	14935	UGCUAGUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGGUGUUU	36670
7376	3654		14936	CUGCUAGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUGGUGUU	36671
7384	3646	GACUAGCA G AGCAAUCA	14937	UGAUUGCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGCUAGUC	36672

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7401	3629	GUAUAGCU G GCAUGCUG	14938	CAGCAUGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGCUAUAC	36673
7409	3621	GGCAUGCU G AUCUUGGC	14939	GCCAAGAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGCAUGCC	36674
7415	3615	CUGAUCUU G GCUGUCCA	14940	UGGACAGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAGAUCAG	36675
7432	3598		14941	AGGUCCUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCAAGAGG	36676
7435	3595	CUUGCGAA G GACCUCCU	14942	AGGAGGUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUCGCAAG	36677
7436	3594	UUGCGAAG G ACCUCCUG	14943	CAGGAGGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUUCGCAA	36678
7444	3586	GACCUCCU G GGUGGCCA	14944	UGGCCACC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGGAGGUC	36679
7445	3585	ACCUCCUG G GUGGCCAA	14945	UUGGCCAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAGGAGGU	36680
7448	3582	UCCUGGGU G GCCAAGAA	14946	UUCUUGGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACCCAGGA	36681
7454	3576	GUGGCCAA G AACACGAC	14947	GUCGUGUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUGGCCAC	36682
7460	3570	AAGAACAC G ACCAGAAG	14948	CUUCUGGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUGUUCUU	36683
7465	3565	CACGACCA G AAGGCCCA	14949	uegeccur gaaggaaacucccuucaaggacaucguccgg uggucgug	36684
7468	3562	GACCAGAA G GCCCAACU	14950	AGUUGGGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUCUGGUC	36685
7477	3553	GCCCAACU G AAAAGGGU	14951	ACCCUUUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGUUGGGC	36686
7482	3548	ACUGAAAA G GGUCAAUC	14952	GAUUGACC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUUUCAGU	36687
7483	3547	CUGAAAAG G GUCAAUCA	14953	UGAUUGAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUUUUCAG	36688
7518	3512	UCACUUGU G ACUGCACG	14954	cenecaeu egaegaaacucccuucaaggacauceuccege acaaguga	36689
7526	3504	O	14955	AAGACCCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUGCAGUC	36690
7528	3502	CUGCACGA G GGUCUUUU	14956	AAAAGACC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCGUGCAG	36691
7529	3501	ugcacgag e gucunuuc	14957	GAAAAGAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUCGUGCA	36692
7551	3479	GUCUCUGO G GOCUGAUC	14958	GAUCAGAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACAGAGAC	36693
7556	3474	UGUGGUCU G AUCUCCAU	14959	AUGGAGAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGACCACA	36694
7591	3439	GUCAGUUU G GUAGCGCA	14960	UGCGCUAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAACUGAC	36695
7602	3428	O	14961	CUDACCAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACUGCGCU	36998
7605	3425	GCAGUGGU G GUAAGGUG	14962	CACCUUAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACCACUGC	36697
7610	3420	GEUGGUAA G GUGCAGCU	14963	AGCUGCAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUACCACC	36698
7658	3372	cucucueu e eugenece	14964	CGCACCAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACAGAGAG	36699
1994	3369	ucuguegu e gugcgagu	14965	ACUCGCAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACCACAGA	36700
2992	3364	ប	14966	CUGCCACU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCACCACC	36701
1670	3360	ß	14967	GGACCUGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACUCGCAC	36702
7674	3356	ტ	14968	cceuggac ggaggaaacucccuucaaggacaucguccggg ugccacuc	36703
1891	3349	G	14969	GCGGACAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUGGACCU	36704
7702	3328	CUCACUCA G GGUGACCG	14970	CGGUCACC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGAGUGAG	36705
7703	3327	UCACUCAG G GUGACCGU	14971	ACGGUCAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUGAGUGA	36706
2006	3324	CUCAGGGU G ACCGUAGU	14972	ACUACGGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACCCUGAG	36707
7719	3311	Ð	14973	UUACUGCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGGAACUA	36708
7720	3310	ច	14974	AUDACUGO GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAGGAACU	36709
7730	3300	CAGUAAUC G AAGUCAAU	14975	AUUGACUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAUUACUG	36710
7747	3283	Ð	14976	ACGAAGGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGGUAGAG	36711
7761	3269	CGUCCCAU G GGCCCUGG	14977	CCAGGGCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUGGGACG	36712

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7762	3268	GUCCCAUG G GCCCUGGU	14978	ACCAGGGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAUGGGAC	36713
7768	3262	uggecccu e guunnene	14979	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36714
7788	3242	₽ G	14980	UCGGAGAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGGGUACA	36715
7795	3235	ט	14981	AUCACAAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGACCU	36716
7801	3229	ט	14982		36717
7812	3218	U	14983	GGCGGGAC GGAGGAACUCCCUUCAAGGACAUCGUCCGGG ACGAAGCA	36718
7826	3204	ט	14984	AUACCAGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACACUGGC	36719
7830	3200	GUGUGACU G GUAUUAUC	14985	GAUAAUAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGUCACAC	36720
7852	3178	O	14986	AUGGAAUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUGAGAGU	36721
7853	3177	D	14987	GAUGGAAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUUGAGAG	36722
7871	3159	ტ	14988	ACGCAUAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUGUGGGG	36723
7884	3146	GCGUCUCA G GCCACGUA	14989	UACGUGGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGAGACGC	36724
7896	3134	ACGUACAU G AUTUGACU	14990	AGUCAAAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUGUACGU	36725
7901	3129	D G	14991	GGUGAAGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAAUCAUG	36726
7912	3118	Ö	14992	GGGCAGUU GGAGGAAACUCCCUUCAAGGACAUCGUCGGG UGGGUGAA	36727
7943	3087	ט	14993	AGCAGGCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAUGAUAC	36728
7964	3066	O	14994	GACCUGUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UAUUGGAU	36729
7965	3065	Ö	14995	UGACCUGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUAUUGGA	36730
1969	3061	O	14996	ACAGUGAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGUCCUAU	36731
7978	3052	Ö	14997	UGGCGAUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACAGUGAC	36732
7979	3051	Ö	14998	UNGGCGAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CACAGUGA	36733
7997	3033	٥	14999	ACGGCUGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAGAACAA	36734
8012	3018	Ö	15000	UCGAAGAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUUGGAAC	36735
8019	3011	Ö	15001	AUGUGACU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAAGAUCA	36736
8048	2982	ß	15002	CUGAAGGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGAGAGAG	36737
8056	2974	Ð	15003	GGAUGUUC GGAGGAACUCCCUUCAAGGACAUCGUCCGGG UGAAGGUC	36738
8057	2973	Ö	15004	CGGAUGUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUGAAGGU	36739
8065	2965	O	15005	•	36740
8072	2958	Ö	15006	,	36741
8075	2955	ט	15007	UUUGGUCU GGAGGAACUCCCUUCAAGGACAUCGUCCGGG ACCAGCAC	36742
8077	2953	ט	15008	GAUUUGGU GGAGGAACUCCCUUCAAGGACAUCGUCCGGG UCACCAGC	36743
8119	2911	Ö	15009	CUCAGAAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCGCUUGG	36744
8125	2905	U	15010	GUCCGACU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGAAUCGC	36745
8130	2900	O	12011	GGAAUGUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GACUCAGA	36746
8131	2899	O	15012	AGGAAUGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGACUCAG	36747
8141	2889	ט	15013	- 1	36748
8148	2882	UGGUCUCC G GACCAUCA	15014	UGAUGGUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGACCA	36749
8149	2881	GGUCUCCG G ACCAUCAA	15015	UUGAUGGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGGAGACC	36750
8165	2865	ט	15016	AACAACAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUUGUGGU	36751
8174	2856	GUGUUGUU G GCGAGUUC	15017	GAACUCGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AACAACAC	36752

27.77	2062	Constitue o Continuini	15010	בהבים ווים ווים אים אים אים היווים במווים איל אים היבם	26763
7/18	2853	و ا	12018	GGAGGAAACUCCUUCAAGGACAUCGUCCGGG	36/33
8184	2846	ט	15019	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36754
8210	2820	G	15020		36755
8240	2790	плииссей в вивесеви	12051	ACCECCAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACGGAAAA	36756
8243	2787	ucceuegu e eceeueae	15022	CUCACCGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACCACGGA	36757
8246	2784	GUGGUGGC G GUGAGGCG	15023	CGCCUCAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCCACCAC	36758
8249	2781	GUGGCGGU G AGGCGUUU	. 15024	AAACGCCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACCGCCAC	36759
8251	2779	ַט	15025	CUAAACGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCACCGCC	36760
8259	2771	GOCGUUUA G GUGCUGAC	15026	GUCAGCAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UAAACGCC	36761
8265	2765	UAGGUGCU G ACUUGUAC	15027	GUACAAGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGCACCUA	36762
8297	2733	UCAACCAC G ACACUAAG	15028	CUUAGUGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUGGUUGA	36763
8305	2725	GACACUAA G GUCCACAC	15029	GUGUGGAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUAGUGUC	36764
8329	2701	CUUCAAAA G AGUGUUCA	15030	UGAACACU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUUUGAAG	36765
8365	2665	CCACAUUU G AUGCUCCA	15031	UGGAGCAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAAUGUGG	36766
8378	2652	UCCAGUCU G GAAACUGA	15032	UCAGUIUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGACUGGA	36767
8379	2651	CCAGUCUG G AAACUGAU	15033	AUCAGUUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAGACUGG	36768
8385	2645	UGGAAACU G AUCGUAGA	15034	UCUACGAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGUUUCCA	36769
8392	2638	UGAUCGUA G ACCGCACA	15035	UGUGCGGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UACGAUCA	36770
8413	2617	UUCCUUAU G AGCUUUCU	15036	AGAAAGCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUAAGGAA	36771
8422	2608	AGCUUUCU G AAUGAUCU	15037	AGAUCAUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGAAAGCU	36772
8426	2604	UNCUGAAU G AUCUUGGC	15038	GCCAAGAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUUCAGAA	36773
8432	2598	AUGAUCUU G GCUAGGCC	15039	GGCCUAGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAGAUCAU	36774
8437	2593	വോരാക ഒ വോളെ	15040	CACAAGGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UAGCCAAG	36775
8445	2585	eccanea e ecenaces	15041	UGAAACGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACAAGGCC	36776
8454	2576	ย	15042	GUAUUACC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGAAACGC	36777
8455	2575	CGUUUCAG G GUAAUACU	15043	AGUAUUAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUGAAACG	36778
8470	2560	ט	15044	GGAUGGAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGUACAAG	36779
8501	2529	ט	15045	1	36780
8533	2497	O	15046	ACAUCAGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGCAAGAG	36781
8537	2493	Ð	15047	AUAGACAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGCCGGCA	36782
8546	2484	g	15048	GGGUGUGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUAGACAU	36783
8576	2454	ø	15049	UUCCUCUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUGAACGU	36784
8577	2453	O	15050	CUUCCUCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGUGAACG	36785
8579	2451	G	12021	CUCUUCCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCCGUGAA	36786
8581	2449	CACGGAGA G GAAGAGCA	15052	UGCUCUUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCUCCGUG	36787
8582	2448	ß	15053	cuecucuu eeaeeaaacucccuucaaeeacauceucceee cucucceu	36788
8585	2445	GAGAGGAA G AGCAGAAC	15054	GUUCUGCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUCCUCUC	36789
8590	2440	ď	15055	GAGGAGUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGCUCUUC	36790
8606	2424		15056		36791
8608	2422	AACUGCGA G AAACGUGA	15057	UCACGUUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCGCAGUU	36792

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8615	2415	ອ ອ	15058	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACGUUUCU	36793
8617	2413	U	15059	CCAUAGCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCACGUUU	36794
8624	2406	AGAGCUAU G GACCUAUC	15060	GAUAGGUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUAGCUCU	36795
8625	2405	9	15061	UGAUAGGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAUAGCUC	36796
8635	2395	CCUAUCAC G AGCAUUGA	15062	GUGAUAGG	36797
8642	2388	CGAGCAUU G AUGCCCAU	15063	AUGGGCAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAUGCUCG	36798
8659	2371	CCACAACA G GAGAGCCC	15064	GGGCUCUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGUUGUGG	36799
8660	2370	CACAACAG G AGAGCCCC	15065	GGGGCUCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUGUUGUG	36800
8662	2368	CAACAGGA G AGCCCCCA	15066	UGGGGGCU GGAGGAACUCCCUUCAAGGACAUCGUCCGGG UCCUGUUG	36801
8690	2340		15067	GGCAUGUC GGAGGAACUCCCUUCAAGGACAUCGUCCGGG UGGAUAAC	36802
8691	2339	UVAUCCAG G ACAUGCCU	15068	AGGCAUGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUGGAUAA	36803
8702	2328	AUGCCUCC G AACAGUGA	15069	UCACUGUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGGCAU	36804
8709	2321	U G	15070	AUUCCGCU GGAGGAACUCCCUUCAAGGACAUCGUCCGGG ACUGUUCG	36805
8713	2317	ซ	15071	GAGCAUUC GGAGGAACUCCCUUCAAGGACAUCGUCCGGG GCUCACUG	36806
8714	2316	9	15072	GGAGCAUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGCUCACU	36807
8726	2304	ອ ວ	15073	CAAGUGUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGGAGC	36808
8734	2296	GAACACUU G AUGGACAG	15074	CUGUCCAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAGUGUUC	36809
8737	2293	U G	15075	AGGCUGUC GGAGGAACUCCCUUCAAGGACAUCGUCCGGG AUCAAGUG	36810
8738	2292	ACUUGAUG G ACAGCCUU	15076	AAGGCUGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAUCAAGU	36811
8754	2276	Ö	15077	GUUCACCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGUUGGGA	36812
8756	2274	CCAACUGA G GUGAACAC	15078	GUGUUCAC GGAGGAACUCCCUUCAAGGACAUCGUCCGGG UCAGUUGG	36813
8759	2271	ACUGAGGU G AACACCCC	15079	edecucin gaaggaaacucccuucaaggacaucguccggg accucagu	36814
8775	2255	CUCCAACU G AUCCAAAG	15080	CUUUGGAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGUUGGAG	36815
8803	2227	GUCUCCUA G AGCGGCUA	15081	UAGCCGCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UAGGAGAC	36816
8807	2223	b	15082	AGACUAGO GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCUCUAGG	36817
8828	2202	GCUCCUUU G AGGGUGGU	15083	ACCACCCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAAGGAGC	36818
8830	2200	uccounda e eeudeune	15084		36819
8831	2199	ccoundae e erecoudeu	15085	ACAACCAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUCAAAGG	36820
8834	2196	g	15086	UUUACAAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACCCUCAA	36821
8843	2187	GUUGUAAA G GCUUUGCC	15087	GGCAAAGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUUACAAC	36822
8865	2165	0	15088	GCACAAGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGGAAGCA	36823
8878	2152	GUGCCAAU G GUGAUUGA	15089		36824
8881	2149	Ð	15090	AGAUCAAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACCAUUGG	36825
8885	2145	UGGUGAUU G AUCUGUUG	15091	CAACAGAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAUCACCA	36826
8919	2111	Ö	15092	UGGAGACU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUACAUAG	36827
8930	2100	Ö	15093		36828
8937	2099	b	15094	GGAACCAC GGAGGAACUCCCUUCAAGGACAUCGUCCGGG CUUUGGAG	36829
8934	2096	Ð	15095	AUUGGAAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACCCUUUG	36830
8950	2080	ø	15096	UGAUUGAA	36831
8951	2079	UCAAUCAG G ACCUUAGC	15097	GCUAAGGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUGAUUGA	36832

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2061         UNGGECCGU G GCCRCUGA         15099         UCRÁUGGG GGRADACHANGO           2054         URGECCGU G GCCRCUGA         15109         UTCHÁUGGG ABACANACHANA           2054         JARCANA G GGUUGACA         15100         UUDUGACACO         GGRADACHACACACOCO           2064         AARCANA G GGUUGACA         15101         CUGUCACO         GGRADACHACACOCOCOCOCO           2010         AACANAGA         15102         CUGUCACO         GGRADACACOCOCOCOCOCOCOCOCOCOCOCOCOCOCOCOCOC	8963	2067	UNAGCGUU G GCCGUGGC	15098	GCCACGGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AACGCUAA	36833
2064         HOROCACH G AMACNAAN         19100         UNDUGUUU GRAGGARACCCCUTCAAGGACAUCGUCGGGG DUUDGUUG           2064         AAAACAANA G GGGUGACA         15101         UTUCCAACC         GAAGGACA         15101         UTUCCAACC         GAAGGACA         15101         UTUCCACACC         GAAGGACA         15101         UTUCCACC         GAAGGACA         15101         UTUCCACACC         GAAGGACA         15101         UTUCCACACC         GAAGGACA         15102         GAAGGACA         GAAGGACA         AAAAAGACA         GAAGGACA         GAAGGACA         AAAAAGACA         GAAGGACA         GAAGGACA         GAAGGACA         AAAAAGACA         GAAGGACA         GAAGGACA         GAAGGACA         AAAAAGACA         GAAGGACA         GAAGGACA         AAAAAAGAA         GAAGGACA         AAAAAAAACAACAACAACAACAACAACAACAACAACAAC	8969	2061	Ø	15099	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36834
2005         AMACNAMA O GEUURACK         15101         URUCACAGO GRAGGARACCCCUTCAAGGACALOUCGOGGG UTUUGUUU           2004         AAACDAMG O GUURACK         15102         CTGUTCAAC GRAGGARACCCCUTCAAGGACALUCGUCGGGG CUUUGUUU           2004         AAACDAMG O GUURACK         15103         CTGUTCAAC GRAGGARACCCCUTCAAGGACALUCGUCCGGG CUUUGUUU           2004         AAACDAMG O GUURACK         15104         AAAUTGCCCGGG GAAGGARACCCCUTCAAGGACALUCGUCCGGG ACUUCGAAGGACALUCGUCCGGG ACUUCGAAGACALUCGUCCGGG ACUUCGAAGACALUCGUCCGGG ACUUCAGAGACALUCGUCCGGG ACUUCGAAGACACACACACACACACACACACACACACACA	8976	2054	ט	12100	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36835
2014         Abbrabage of unucacus         CURDUCADO GRAGABAACTICCUTUCAAGGACALCGICCGGG AACCCTUT           2014         Abbraged of abudecas         15103         CUUCACUGO GRAGABAACTICCCUTCAAGGACALCGICCGGG AACCCTUT           2014         UNGACAGO G ACCANUC         15104         AADUGGGG         GRAGABAACTICCCUTCAAGGACALCGICCGGG AACCCTUT           2011         UNGACAGO G ACCANAGO         15106         CUUCACUCO GRAGABAACTICCCUTCAAGGACALCGICCGGG AUGGGCA           2011         UGCCCACU G ACCANAGO         15106         CUUCACCCCG GRAGABAACTICCCUTCAAGGACALCGICCGGG AUGGGCA           2001         UGGCCACU G ACCANAGO         15106         CUUCACCCGGG GRAGABAACTICCCUTCAAGGACALCGICCGGG AUGGGCA           191         ACCAGAGO         15107         AGUGGCU         GRAGABAACTICCCUTCAAGGACALCGICCGGG AUGGGCA           1926         ACCAGAGO         15108         UCCUALUG         GRAGAGAACTICCCUTCAAGGACALCGICCGGG           1930         ACCAGAGO         15111         CAAAGOUC         GRAGAGAACTICCCUTCAAGGACALCGICCGGG           1910         CUCCALUGU         GRAGAGAACTICCCUTCAAGGACALCGICCGGG         GUCCUCGU           1910         CUCCALUGU         GRAGAGACACTCCCUTCAAGGACACTCCCCUCCAGGG         GUCCUCGU           1910         CUCCALUGU         GRAGAGAACTCCCUTCAAGGACACTCCCCGGG         GUCCUCCGGG           1910         CUCCAGU         15111 <td>8982</td> <td>2045</td> <td>O</td> <td>15101</td> <td>GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG</td> <td>36836</td>	8982	2045	O	15101	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36836
2010         AMAGORUG A RADRIGURA         15103         GURACANDU GRAGARACUCCUUCAAGGACAUCGGGG AACUCUUU           2014         UVDACCAG G ACCUANCU         15104         AGAUUGGU G GGAGGAAACUCCCUUCAAGGACAUCGGGGG ACUCGCAA           2011         UVGACCAG G GCGUAGA         115104         AGAUUGGU G GGAGGAAACUCCCUUCAAGGACAUCGGGGG UAACGCCA           2011         UVGACCAG G GCGUAGA         15107         AGUGGCU         GGAGGAAACUCCCUUCAAGGACAUCGGGG UAACGCCAA           1981         CACUADAC G AACUUGG         15107         AGUGGCU         GGAGGAAACUCCCUUCAAGGACAUCGGGGG UAACGCCAA           1982         CACUADAC G AACUUGG         151107         AGUGCCU         GGAGGAAACUCCCUUCAAGGACAUCGGGGG UAACGCCAA           1982         ACCUADAC G AACUUGG         15111         CACUAGACG G AACUUGG         GAGGAAACUCCCUUCAAGGACAUCGGGGG GUAGGAACUCGGGGGAAACUCCCCUUCAAGGACAUCGGGGGGAACUCGGGGGAACCCCCUCAAGGACAUCGGGGGGAACCCCGGGGAAACCCCCUUCAAGGACAUCGGGGGGAACCCCGGGGAAACCCCCUUCAAGGACAUCGGGCGGG	9868	2044	ဗ	15102	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36837
2014   UUGCCACUU G ACCORNICU   15.104   AGAUUGGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACUGGCCA     2011	8990	2040	Ö	15103	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36838
2011         UGECCIANU G GEOUDIAG         15.106         UGAGGGAAAACUCCUUCAAGGACAUCGUCCOGG         AGUGGAAAACUCCUUCAAGGACAUCGUCCOGG         AGUGGAAAACUCCUUCAAGGACAUCGUCCOGG         AGUGGAAAACUCCUUCAAGGACAUCGUCCOGG         AUDUCCAAAAACUCCUUCAAGGACAUCGUCCOGG         AUDUCCAAAAACUCCUUCAAGGACAUCGUCCOGG         AUDUCCAAAAAACUCCUUCAAGGACAUCGUCCOGG         AUDUCCAAAAAACUCCUUCAAGGACAUCGUCCOGG         AUDUCCAAAAAAACUCCUUCAAGGACAUCGUCCOGG         AUDUCCAAAAAAAACUCCUUCAAGGACAUCGUCCOGG         AUDUCCAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA	9668	2034	Ø	15104	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36839
2011         UGGGCGURA G GUCGUCCOUCCANGGGACAUCGUCCGGG UJANCGCCA           2000         CGUUCANU G AGCCARUN         1510 for AGGGCARU         GAGGGACAUCGUCCGGG AUGGACAUCGUCCGGG AUGGACAUCGUCCCGGG AUGGACAUCGUCCCGGG AUGGACAUCGUCCCGGG AUGGACAUCGUCCCGGG AUGGACAUCGUCCCGGG AUGGACAUCGUCCCGGG AUGGACACAUCGUCCCGGG AUGGACACAUCGUCCCGGG AUGGACACAUCGUCCCGGG AUGGACAACCCCUCCAAACACA GACCCAUC AUGGACACACA GACCCAUC AUGGACAACACA GACCCAUC AUGGACACACA GACCCAUCAACA GACCCACAACACA GACCCAACACA GACCCAACACA GACCCAACACA GACCCAACACA GACCCAACACA GACCCAACACA GACCCAACA	9012	2018	O	15105	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36840
2000   COUNCAAN G AAGCACACA   151.07   AGUGGGADA ACCUCCUUCAAGGACAUCGUCCGGG AUUGAAUCG   1991   AAGCCCUG G ACGAGAUA   151.09   UNUCUCUUCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUCAGUGG   1991   CAAAGUAG G ACGAGAAACUCCCUUCAAGGACAUCGUCCGGG GUCAGUGG   1992   ACGAGABA G GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUCAGUGG   1992   ACGAGABA G GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG UAUCUCGG   1972   CGUAAGUAG GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG UAUCUCGG   1970   CGUAAGUAG GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG UAUCUCGG   1970   CGUAAGUAG GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG UAUCUCGG   1970   CGUUCACA G GACUCCCA   151.13   GGAAGUAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UAUCUCGG   1970   CGUUCACA G GACUCCCA   151.14   ACACAGGU GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG CACAGACA   1970   CGUUCACA G GACUCCCA   151.15   GGGACUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CACAGACA   1970   CGUUCACA G GACUCCCA   151.15   GGGACUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CACAGACA   1970   CGUUCACA G AACUCCCA   151.16   UGGGACUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CACAGACA   1970   ACACAGA G AACUCCCA   151.17   ACACAGGA GAAGACACCCUUCAAGGACAUCGUCCGGG CACAGACA   1980   ACACAGA G AACUCCCA   151.15   ACACAGGA GAACUCCCUUCAAGGACAUCGUCCGGG CACAGACA   1980   ACACAGA G AACUCCCA   151.15   AAGCCCUU G AACACACA G AACUCCCUUCAAGGACAUCGUCCGGG CACAGACA   1881   AACACCUU G AACACACA   151.12   ACACAGGA GAACACCCCUUCAAGGACAUCGUCCGGG AACACACA   1881   AACACCUU G AACACACA   151.12   ACACAGAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AACACACA   1881   AACACCUU G AACACACA   151.12   AACACACA   GAAGCCUU G AACACACA   151.12   AACACACA   GAAGCCUU GAAGCACA   151.12   AACACACA   GAAGCACA   151.12   AACACACA   GAAGCACA   151.12   AACACACA   GAAGCACA   GAAGCACA   151.12   AACACACA   GAAGCACA   GAAGCACA   151.12   AACACACA   GAAGCACA	9019	2011	O.	15106	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36841
1991   PAGCCACU G ACGNABUTA   15108   UNDUTCOU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUCAGUGGGGGGACACUCGUCCAGGG GUCAGUGGGGGACACUCCAACGACAUCGUCCGGG GUCAGUGGGGGACACCUCCAACGACACCCCUUCAAGGACAUCGUCCGGG GUCAGUGGGGACACCCCUUCAAGGACAUCGUCCGGG GUCAGUGGGGACACCCCUCAAGGACAUCGUCCGGG GUCAGUGGGGACACCCCUCAAGGACACCCCUUCAAGGACAUCGUCCGGG UACCCGGG UACCCGGG L991   GCAAAGUCG GGAGGAAACUCCCCUUCAAGGACACCCCUCCAAGGACACCCCUCAAGGACACCCCUUCAAGGACACCCCUUCAAGGACACCCCUCCAAGCACCC	9030	2000	O	15107	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36842
1986   ACCRIGARA C AGRAMAGGA   15109   UCCURAUCU GGAGGAAAUCCCUUCAAGGACAUCGUCCGGG GUCAGUGG     1981   ACCRAGAUR G GAACGUUG   15111   CADAAGUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UNCUCGUU     1981   CGAGAURG G AACCUUG   15112   CGAAAGUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UNCUCGUU     1982   ACCRAGAUR G GAACCUUG   15113   GGAUGGAAACUCCCUUCAAGGACAUCGUCCGGG UNCUCGUU     1910   CUUUGCAA G GUCCAUC   15114   ACACAGGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UNCUCGUU     1911   GUGUCGGG G ACCUCCAA   15114   ACACAGGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG COCAGACA     1910   GUGUCGGG G GGAGUCC   15114   ACACAGGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG COCAGACA     1910   GUGUCGGG G GAGUCCCA   15114   ACACAGGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG COCAGACA     1910   GUGUCGGG G GAGUCCCA   15114   ACACAGGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG COCAGACA     1910   AGUCCCAA G AAACUUGA   15114   UUGGGACU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG COCAGACA     1813   AAAACUU G AAACCUU G AAACCUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAAGGACU GAACACUU GAAGCAACU GAAGCAACU GAAGCAACU GAACACU GAAGCAACU GAAGCAACU GAAGCAACU GAAGCAACU GAAGCAACU GAAGCAACU GAAGCAAACUCCCUUCAAGGACAUCGUCCGGG AAACGACU GAAGCAACU GAAGCAAACU GAAGCAAACUCCCUUCAAGGACAUCGUCCGGG AAACGAC GAAGCAACU GAAGCAAACU GAAGCAAACUCCCUUCAAGGACAUCGUCCGGG AAACGAC GAAGCAAC GAAGCAAACUCCCUUCAAGGACAUCGUCCGGG AAACGAC GAAGCAAC GAAGCAAACUCCCUUCAAGGACAUCGUCCGGG AAACGAC GAAGCAAC GAAGCAAACUCCCUUCAAGGACAUCGUCCGGG AAACGAC GAAGCAAC GAAGCAAACUCCCUUCAAGGACAUCGUCCGGG AAACGAC GAAGCAAAC GAAGCAAACUCCCUUCAAGGACAUCGUCCGGG AAACGAC GAAGCAAC GAAGCAAACUCCCUUCAAGGACAUCGUCCGGG AAACGAC GAAGCAAC GAAGCAAACUCCCUUCAAGGACAUCGUCCGGG AAACGAC GAAGCAAC GAAGCAAACCCCUUCAAGGACACCGUCGACGG AAACGAC GAAGCAAC GAAGCAAACCCCUUCAAGGACACCGUCGACGG GAAGCACCCCCUCAAC GAAGCACC GAAGGAAACUCCCUUCAAGGACACCGCCCGGG GAACACCCCCUCAAC GAAGCAAC GAAGCAAACCCCCUUCAAGGACACCCCUCAAGGACACCCCCCCC	9039	1991	O	15108	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36843
1986   ACCURACOR O AURGGAA, 15110   GUUCCUMO GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UNCUCGGU 1981   ACGAGGAIA G GAACUUCGUCCAGGG UNCUCCGU 1981   ACGAGGAIA G GAACUUCGUCCAGGG UNCUCCGU 1981   ACGAGGAIA G GACCUUCAAGGACAUCGUCCGGG UNCUCCGU 1981   ACGACGAIA G GACCUUCAAGGACAUCGUCCGGG UNCUCCGG 1981   ACGACCOU G ACCUCUCG 15113   GGARIGGAA GUCCCUUCAAGGACAUCGUCCGGG CACGACAC 15111   GGARIGGAA GUCCCUUCAAGGACAUCGUCCGGG CACGACAC 15111   ACACAGGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CACGACAC 15111   GGARIGGAAACUCCCUUCAAGGACAUCGUCCGGG CACGACAC 15110   GGAGCACCC GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG CACGACAC 15110   GGAGCACCC GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG CACGACAC 15110   GGAGCACCA 15111   UUGGGAC GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG CACGACAC 15100   AGACCCAA 15111   ACAGCCAA 15111   ACAGCAA ACACCCCUCCAAGGACACCCCUCCAAGGACACCCCUCCAAGGACACCCCUCCAAGGACACCCCUCCAAGGACACCCCUCCAAGGACACCCCUCCAAGGACACCCCUCCAAGGACACCCCUCCAAGGACACCCCUCCAAGGACACCCCUCCAAGGACACCCCUCCAAGGACACCCCUCCAAGGACACCCCUCCAAGGACACCCCUCCAAGGACACCCCUCCAAGGACACCCCUCCAAGGACACCCCUCCAAGGACACCCCUCCAAGGACACCCCUCCAAGGACACCCCUCCAAGGACACCCCCAA 15111   ACAGCCAA 15111   ACAGCCAA 15111   ACAGCCAA 15111   ACAGCCAA 15111   ACACCCAA 15111   ACACCCAA 15111   ACACCCAA 15111   ACACCCAA 15111   ACACCCAA 15111   A	9042	1988		15109	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36844
1982   ACCADAMA G BARCHUNG   15111   CARAGUUC GGRGGARACUCCCUUCRAGGACAUCCUCCGGG UNUCUCGG   1981   CGRAGUNG G BACCHUNG   15112   GGRAGABACUCCCUUCRAGGACAUCCUCCGGG UNUCUCGG   1970   CUUUCGCA G GRCGUCG   15112   GGRAGABACUCCCUUCRAGGACAUCCUCCGGG UNCCUCGG   15113   GGRAGABACUCCCUUCRAGGACAUCCUCCGGG UNCCUCGG   15114   ACACAGGG GGRAGABACUCCCUUCRAGGACAUCGUCCGGG UNGCARAG   15114   ACACAGGG GGRAGABACUCCCUUCRAGGACAUCGUCCGGG UCGCAGACC   15116   UGGGACUC GGRAGABACUCCCUUCRAGGACAUCGUCCGGG CGCAGACC   15101   UGGGACUC GGRAGABACUCCCUUCRAGGACAUCGUCCGGG CGCAGACC   15101   UGGGACUC GGRAGABACUCCCUUCRAGGACAUCGUCCGGG CGCAGACC   15101   UGGGACUC GGRAGABACUCCCUUCRAGGACAUCGUCCGGG CGCAGACC   15103   AGACCUU   GGRAGABACUCCCUUCRAGGACAUCGUCCGGG CGCAGACC   15103   AGACCUU   GARGGABACUCCCUUCRAGGACAUCGUCCGGG CGCAGACC   15103   AGACCUU   GARGGABACUCCCUUCRAGGACAUCGUCCGGG CGCAGACC   15103   AGACCUU   GARGGABACUCCCUUCRAGGACAUCGUCCGGG CGCAGACC   15103   AGACCUU   GARGGABACUCCCUUCRAGGACAUCGUCCGGG CGCAGACC   15103   ACACCUU   GARGGABACUCCCUUCRAGGACAUCGUCCGGG AAGGCUU   1803   AGCCCAUA   GAUCCCAA   GACCCAAC   15112   GGUCACAC   GARGGABACUCCCUUCRAGGACAUCGUCCGGG AAGGCUU   1803   AGCCCAUA   GAUCCCAA   GACCCAAC   15122   CGCACGAG   GARGGABACUCCCUUCRAGGACAUCGUCCGGG AAGGCUU   1803   ACCCCAUA   GACCCAAC   15123   GGAACAAC   GARGGABAACUCCCUUCAAGGACAUCGUCCGGG AAGCCUU   15123   ACACCUU   GARGGABAACUCCCUUCAAGGACAUCGUCCGGG AAGCCUU   15124   ACACCUU   GARGGABAACUCCCUUCAAGGACAUCGUCCGGG AAGCCAC   15124   ACACCUU   GARGGABAACUCCCUUCAAGGACAUCGUCCGG AACCUUCAA   AAAAUCCC   15124   AACACUU   GARGGABAACUCCCUUCAAGGACAUCGUCCGG AACCAC   15124   AACACCUU   GARGGABAACUCCCUUCAAGGACAUCGUCCGG AACACCUU   15124   AACACCUU   GARGGABAACUCCCUUCAAGGACAUCGUCCGG AACACCU   15124   AAAACCU   G	9044	1986	ບ	15110	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36845
1981   CGRAMMA G AACUUUNGC   15112   GCRAAGUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUAUCUCG   1970   CUUUGCAA G GUCCAUCC   15113   ACAAGUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAGACCACU   1971   GABUCCCU GAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAGACCACU   1971   GABUCCCCU   15114   ACAGCAUCGUCCGGG CAGACCACU   1971   GABUCCCCU   GAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAGACCAC   1971   GABUCCCCA   15115   GAGGACUC   GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG CAGAGCAC   1970   GAGUCCCA   15116   GAGGACUC   GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG CAGAGCAC   1990   GUUCUCCAA   GAGUCCCA   15117   GAGGCUU   GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG CAGAGCAC   1893   AGAAACUU   AAACCCUU   GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG CAGAGCAC   1893   AGAAACUU   AAACCCUU   GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG AAGGUUCU   1883   AAAAACUU   AAACCCUU   GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG AAGGUUCU   1893   AACCCCUU   GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG AAGGUUCU   1893   AACCCCUU   GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG AAGGCGU   1893   AACCCCUU   GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG AAGGCGU   1893   AACCCCUU   GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG AAGGCGU   1893   AACCCCAU   GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG AAGGCGU   1893   AACCCAUU   GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG AAGUCGU   1893   AACCCAUU   GAAGGGAAACUCCCUUCAAGGACAUCGUCCGGG AAGCCGU   1893   AACCCAUU   GAAGGGAAACUCCCUUCAAGGACAUCGUCCGGG AAGCCACA   1893   AACCCAUU   GAAGGGAAACUCCCUUCAAGGACAUCGUCCGGG AAGCCACA   1893   AACCCAUU   GAAGGGAAACUCCCUUCAAGGACAUCGUCCGGG AACCCACA   15124   GUUGACCG   GAAGGGAAACUCCCUUCAAGGACAUCGUCCGGG AACCCACA   15124   AACCCAUU   GAAGGGAAACUCCCUUCAAGGACAUCGUCCGGG AACCCACA   15124   AACCCAUU   GAAGGGAAACUCCCUUCAAGGACAUCGUCCGGG AACCCACA   15124   AACCCAUU   GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG AACCCACA   15124   AACCCAUU   GAAGGAAACUCCUUCAAGGACACACCCUUCAAGGACACCCACA   AAAAUCCCCACA   GAAGCCCACA   15124   AACCCACACA   GAAGCCC	9048	1982	ß	15111	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36846
1970   CUUUGCAA G GUCCAUCC   15113   GGAUGGAA CUCCCUUCAAGGACAUCGUCGGG UUGCAAAG   1924   AGUGCGCG G ACCGCCC GAGGAAACCCCUUCAAGGACAUCGUCCGGG CAGGACACCC   19111   UGGGCCCC GAGGAAACCCCUUCAAGGACAUCGUCCGGG CAGGACACCCCCUUCAAGGACAUCGUCCGGG CAGGACACCCCCCUUCAAGGACAUCGUCCGGG CAGGACACCCCCCUUCAAGGACAUCGUCCGGG CAGGACACCCCCCCAGGCCCCCCCCCC	9049	1981	O.	15112	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36847
1924   AGUGCCGG G ACCUGUGG   15114   ACACAGGU GGAGGAAACUCCCUUCAAGGACAUCGGGG ACGGCACU     1911   GUGUCCGG G GGAGGCCC   15115   GGGACUCC GGAGGAAACUCCCUUCAAGGACAUCGGCGGG GCAGACCA     1910   UGUCCGG G GAGGCCCC   15115   GGGGACUCC GGAGGAAACUCCCUUCAAGGACAUCGGCCGGG CCAGACCA     1910   UGUCCCGA G AGUCCCAA   15117   UUGGGACU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCGCAGAC     1910   AGCCCUUC G AAACUCGA   15119   AGGCCUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCGCAGAC     1910   AGCCCCUU G AAACUCGA   15119   AGGCCUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGGGGACU     1813   AGCCCUU G AAACUCGA   15112   AGGCCUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGGGGACU     1814   AGCCCUU G AAACUCG   15121   AGGCCUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGUGGACU     1815   ACCCCAUA G ACCCCAUA   15122   GGAACAAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGUGGACU     1816   AGCCCAUA G ACCCCAUA   15121   GGAACAAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGUGGACA     1817   AUUCAAA G ACCCCAUA G ACCCCAUC   15124   GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGUGGACA     170   UUCUAAAU G ACCCGACG   15124   GGUCGGGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGUGGAA     171   AUUCAAA G ACCGCAUA G ACCCGACG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGUGGAA     172   AUUCCAAA G AAAGUCC   15125   AACACUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGUGGAA     171   AUUCCACA G AAUGCCU   15126   GGAAUUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGUGGAA     171   AUUCCACA G AAUGCCU   15126   GGAAUUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGUGGAA     171   AUCCACA G AAUGCCU   15126   GGAGCUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGUGGAA     172   UUCAAAU G ACCCCAU G AAUGCCU     172   AUUCCACA G AAUGCCU   15126   GGAGCUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGUGGAA     173   ACCACUUGU G AACGCCU     174   AUUCCACA G AAUGCCU     175   UUCAACA G AAUGCCU     175   CAAAGAG G AAGCCCAUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGUGGAAACUCCCUUCAAGGACAUCGUCCGGG UGUGGAAACUCCCUUCAAGGACAUCGUCCGGG UGUGGAAACUCCCUUCAAGGACAUCGUCCGGG UGUGGAAACUCCCUUCAAGGACAUCGUCCGGG UGUGGAAACUCCCUUCAAGGACAUCGUCCGGG UGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGAGGAAACUCCCUUCA	9060	1970	ø	15113	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36848
1911   GUBUCUBC G GGAGUCCC   15115   GGGACUCC GGAGGAAACUCCCUUCAAGGACAUCGBCGGG GCAGACAC   1910   GUBUCUBCG G GAGUCCCA   15116   UGGGGACUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGCAGACA   1900   GAUCCCCA G AAGCCUUA   15119   UGGGGACU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGCAGACA   1900   AGUCCCAA G AAGCCUUA   15119   AAGGCUUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUGGGACU   1803   AGACCUUU G AAACCUU   15119   AAGGCUUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUGGAGCU   1803   AAGCCUUU G AACCCUU GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG UUGGAGCU   1803   AAGCCUUU G AACCCUU GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG UUGGAGCU   1813   AAGCCUUU G AACCCUU GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG UUGGAGCU   1814   AAUGACCU G ACCCAUAA G GUUGGACG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUUGGAGG   1512   GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUUGGAGG   1512   GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUUGGAGG   1512   GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUUGGAGG   1512   GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   AUUUGAAC   1512   GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   AUUUGAAC   1512   GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   AUUUGAAC   1512   AUUCGACU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   AGUUGAC   1512   AUUCGACU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   AGUUGAC   1512   AUUCGAC   GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG   AGUUGAAC   1512   AUUCGAC   GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG   AGUUGAAC   1512   GCUCGAGC   GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG   AGUUGAAC   1513   AGCCAUU   GAAGGGAAACUCCCUUCAAGGACAUCGUCCGGG   AGUUGAAC   1513   AUUGGAC   GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG   ACUCGAG   AGUCGCCU   1513   AUUGGAC   GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG   ACUCGAG   ACUCGAG   GAAGGAAC   1513   AUUGGAC   GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG   ACUCGAG   ACUCCAAC   GAAGGAC   1513   AUUGGAC   GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG   ACUCCAAG   ACUCCCAA   1513   AUUGGAC   GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG   ACUCCAAG   ACUCCCAA   1513   ACCCACGC   GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG   ACUCCAAG   ACUCCCAA   1513   ACCCACGC   GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG   ACCCACCG   GAAGGAAAC   GAAGGAAC   GAAGGAAC   1513   CCCCACGC   GAAGGAAACCCUUCAAAGGACAUCCGCCCUUCAAGG	9106	1924	S OE	15114	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36849
1910   UGUCUGGG G GAGUCCCA   15116   UGGGACUC GGAGGAAACUCCCUUCAAGGACAUCGUCGGG CGCAGACA   1909   GUCUGGGG G AAGCCCAA   15117   UUGGGACU GGAGGAAACUCCCUUCAAGGACAUCGUCGGGG UUGGAGCU   1803   AAGCCUU G AAAGCCUU G AAAGCCUU G AAAGCCUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUGGAGCU   1803   AAAACCUU G AAAGCCUU G AAAGCCUU G GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUGGACU   1803   AAAACCUU G AAAGCCUU GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUGGACU   1813   AAGCCAUA G GUUGUUCC GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUGGACU   1814   AAUGACC G ACGUCAC   15122   GGAAGAACUCCCUUCAAGGACAUCGUCCGGG UUGGACU   1814   AAGCCAUA G GUUGUCC   15122   GGAAGAAACUCCCUUCAAGGACAUCGUCCGGG UUGGACU   1814   AAUGACC G ACGUCAC   15125   AACACUGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUUGGACU   1803   GUUCACAC G ACGUCAC   15125   AACACUGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUUUGACU G AAAAUCC   15126   GGAAUUUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUUUGAAC   1770   UGUUGCUU G AAAAUCC   15126   GGAAUUUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGGUCAACA   1771   UUCCACAG G AAUGCCU   15126   GGAAUUUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUUGGGAAC   1756   GAAAGCUU G AAAACCU G AAGCCAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUUGGGAAC   1756   GAAAGCUU G AAAACCU G GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUUGGGAAC   1756   GUUCCACA G AAAACCU G GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUUGGAAC   1756   GUUCACAG G AAAAGCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUUGGAAC   15131   AGGGAGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUUGGAAC   15131   AGGGAGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUCAGAC   15131   AGGGAGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUCAGACA   1756   GUUCCACA G AACCCAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUCAGACA   1756   GUUCCACA G ACGCCAA G GAGGAGAAACUCCCUUCAAGGACAUCGUCCGGG GUCAGAGA CUUCAAGGACAUCGUCCGGG GUCAGAAACUC   15131   ACGGGAGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUCAGAAACUC   15131   AUUGGAGA G GAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUCAGAGAAACUCCCUUCAAGGACAUCGUCCGGG GAGGAGAAACUCCCUUCAAAGGACAUCGUCCGGG GAGGAAACCUC   15131   GAGGAGAA GCCCCUUCAAAGGACAUCCCUUCAAAGGACACC	9119	1911	3C G	15115	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36850
1909   GUCUGCOG G AGUCCCAA   15117   UUGGGACU GGAGGAAACUCCUUCAAGGACAUCGUCCGGG CCGCAGAC   1900   AGUCCCAA G AAACUUGA   15118   UCAAGUUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAGUUUCU   1893   AGGACUU G AAACUUCA   15120   CAGUGGUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAGUUUCU   1893   AGGACUU G AAACUUCU G GAACGCAAC   15120   CAUCGGUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAAGGUUU   1813   UUUGAACA G ACCCCAUA G GUUGUUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAAGGUUU   1814   AAUGAACA G ACCCCAUA G GUUGGCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUUGAACA G ACCCCAUA G GUUGUUCC   15122   GGAGGGAAACUCCCUUCAAGGACAUCGUCCGGG UUUGAACA G ACCCCAUA G GUUGUUCC   15123   CGUCGGGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUUGAACA G ACAGUUU G AAAAUUCC   15124   GUUGACGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAUUGAACA   1790   UUCCCACA G GAAUGGCU   15128   AACACUUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAUUGGAU   1771   AUCCCACA G GAAUGGCU   15129   GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAGCUUGG   1772   ACCAGGAAU G GCACAUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUGUGGAAU   1773   ACCAGGAAU G GCUCCAUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUGUGGAAU   1756   CAAAGCUU G AAAGCAU G GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUGUGGAAU   1756   CAAAGCUU G AAAGCAU G GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUGUGGAAU G ACCCAUU GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUGUGGAA   1756   CACACACG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACACGCAG GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACACGCG GAAGGAAACUCCCUUCAAGGACACCCUUCAAGGACACCCCUUCAAGGACACCCCUUCAAGGACACCCUUCAAGGACACCCUUCAAGGACACCCUUCAAGGACACCCUUCAAGGACACCCCUUCAAGGACACCCCGGG ACACGCC GGAGGAAACCCCCUUCAAGGACACCCCCUUCAACGACACCCCCCCC	9120	1910	Ð	12116	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36851
1900   AGUCCCAA G AAACUUGA   15118   UCAAGUUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAGUUUCU   1893   AGAAACUU G AAAGCCUU   15119   AAGGCUUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAGGUUUCU   1818   AAGCCUUU G AACGCCCUU G AACGCCUU G GAACCAAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UAUGGCCUU   1819   AUGGACCUU G AACGCCUU G GAACCAAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UAUGGACU   1814   AAUGACC G ACGUCAAC GGAGCAAACUCCCUUCAAGGACAUCGUCCGGG UAUGGACU   1814   AAUGACC G ACGUCAAC   15124   GUUGACGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UAUGGACU   1803   GUCAACUU G AACGUCAAC   15124   GUUGACGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAGUUGAC   15126   GGAACACU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAGUUGAC   1700   UGUUGCUU G AAAUUCC   15126   GGAACUUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAGUUGAC   1700   AUUCCACAG GAAUGGCU   15127   AGCCAUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAGUUGAAU   1700   AUUCCACAG GAAUGGCU   15128   GAGGCAUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAGUUGAAU   1700   AUUCCACAG GAAUGGCU   15128   GAGGCAUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACGAGGAAU   1700   AUUCCACAG GAAUGGCU   15129   GCUGGAGAACUCCCUUCAAGGACAUCGUCCGGG ACGAGGAAU   1700   AUGCACUU G AAGGAGAACUCCCUUCAAGGACAUCGUCCGGG ACGAGGAAU   1700   AUGCACUU G AAGGAGAA CUCCCUUCAAGGACAUCGUCCGGG ACGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACCAAGAGC   1736   CCUCUUGU G ACGCCCAUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACGAGGAAACUCCUUCAAGGACAUCGUCCGGG ACGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACGAGGAAACUCCUUCAAGGACAUCGUCCGGG ACGAGGAAACUCCUUCAAGGACAUCGUCCGGG ACGAGGAAACUCCUUCAAGGACAUCGACCCUUCAAGGACAUCGACCCUUCAAGGACAUCGACCCUUCAAGGACAACCCUUCAAGGACAACCCUUCAAGGACAACCCUUCAAGGACAACCCUUCAAGACCUUCAAGAG	9121	1909	G	15117	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36852
1893         AGABACUU G AAAGCCUU         15119         AAGGCUUU GAAGAACUCCUUCAAGGACAUCCUCCAGG AAGGCUU           1883         AACCCUU G AACAGACA         15120         CGUCUGUU GAACAACACCCUUCAAGGACAUCCUCCAGG AAGGCUU           1878         UUUDAACA G ACGCAUA         15121         UAUGGCGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UAUGGACU           1869         ACGCCAUA         15124         GGAACAAC         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UAUGGACU           1814         AAUGCCAUA         15124         GUUGGGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUUGGACU           1803         GUUGACU         GACCGAAC         15124         GUUGGCU           1804         AAUGCCAUA         15125         AACACUGU         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUUGGACAUCGUCCAGG           1803         GUUGACU         AAAAUUC         15126         GGAAUUUU GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUUGGAAACUCCCUUCAAGGACAUCGUCCGGG AUUCGAACAACUCCCUCCAGG AUUCAACAACAACAACAACAACAACAACAACAACAACAAC	9130	1900	O	15118	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36853
1883         AAGCCUUU G AACAGACG         15120         CGUCUGUU GGAGGAAACUCCCUUCAAGGACAUCGUCGGG AAAGGCUU           1878         UUUGAACA G ACGCCAUA         15121         UAUGGCGU GGAGGAAACUCCCUUCAAGGACAUCGUCGGG UGUUCAAGGACAUCGUCCGGG UGUUCAAGGACAUCGUCCGGG UGUUCAAGGACAUCGUCCGGG UGUUCAAGGACAUCGUCCGGG UGUUCAAGGACAUCGUCCGGG UGUUCAAGGACAUCGUCCGGG UGUUCAAGGACAUCGUCCGGG UGUUCAAGGACAUCGUCCGGG AGUUUGAAGGACAUCGUCCGGG AGUUCAAGGACAUCGUCCGGG AGUUCAAGGACAUCGUCCAAGGACAUCGUCCGGG AGUUCAAGGACAUCGUCCAAGGACAUCGUCCAAGGACAUCGUCCAAGGACAUCGUCCAAGGACAUCGUCCAAGGACAUCGUCCAAGGACAUCGUCCAAGGACAUCGUCCAAGGACAUCGUCCAAGGACAUCGUCCAAGGACAUCGUCCAAGGACAUCGUCCAAGGACAUCGUCCAAGGACAUCGUCCAAGGACAUCGUCCAAGGACAUCGUCCAAGGACAUCGUCCAAGGACAUCGUCCAAGGACAUCGUCCAAGGACAUCGUCCAAGGACAUCGUCCAAGGACAUCGUCCAAGGACAUCGUCCAAGGACAUCGUCCAAGGACAUCGUCCAAGGACAUCGUCCAAGGACAUCGUCCAAGGACAUCGUCCAAGGACAUCGUCCAAGGACAUCGUCCAAGGACAUCGUCCAAGGACAUCGUCCAAGGACAUCGUCCAAGGACAUCGUCCAAGGACAUCGUCCAAGGACAUCGUCCAAGGACAUCGUCCAAGGACAUCGUCCAAGGACAUCGUCCAAGGACAUCGUCCAAGGACAUCGUCCAAGGACAUCGUCCAAGGACAUCGUCCAAGGACAUCGUCCAAGGACAUCGUCCAAGGACAUCGUCCAAGGACAUCGUCCAAGGACAUCGUCCAAGGACAUCGUCCAAGGACAUCGUCCAAGGACAUCGUCCAAGGACAUCGUCCAAGGACAUCGUCCAAGGACAUCGUCCAAGGACAUCGUCCAAGGACAUCGUCCAAGGACAUCGUCCAAGGACAUCGUCCAAGGACAUCGUCCAAGGACAUCGUCCAAGGACAUCGUCCAAGGACAUCGUCCAAGGACAUCGUCCAAGGACAUCGUCCAAGGACAUCGUCCAAGGACAUCGUCCAAGGACAUCGUCCAAGGACAUCGUCCAAGGACAUCGUCCAAGGACAUCGUCCAAGGACAUCGUCCAAGGACAUCGUCCAAGGACAUCGUCCAAGGACAUCGUCCAAGGACAUCGUCCAAGGACAUCGUCCAAGGACAUCGUCCAAGGACAUCGUCCAAGGACAUCGUCCAAGGACAUCGUCCAAGGACAUCGUCCAAGGACAUCGUCCAAGGACAUCGUCCAAGGACAUCGUCCAAGGACAUCGUCCAAGGACAACCACCCCCAAGGACAACCACCCCCAAGGACAACCACC	9137	1893	G	15119	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36854
1878         UVUGAACA G ACGCCAUA         15121         UAUGGGAAACUCCCUUCAAGGACAUCGUCCGGG UGUUCAAA           1869         ACGCCAUA G GUUGUUCC         15122         GGAACAAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UAUGGCGU           1819         CUUCAAAU G ACCCGACG         15123         CGUCGGGU GGAGGAACUCCCUUCAAGGACAUCGUCCGGG AUUUGAAG           1814         AAUGACCU C ACGUCAAC         15124         GUUCACCUUCAAGGACAUCGUCCGGG AUUUGAAG           1803         GUCAAGUUU         15125         AACACUGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUUUGAAGAACUCCCUUCAAGGACAUCGUCCGGG AACUUGAACUCCUCCAAGGACAUCGUCCGGG AACUUGAACUCCCUUCAAGGACAUCGUCCGGG AACUUGAACUCCCUCCAAGGACAUCGUCCGGG AACUUGAACUCCCUUCAAGGACAUCGUCCGGG AUUCCGGG AUUCCUGAAGAACUCCCUUCAAGGACAUCGUCCGGG AUUCCUGAACUCGUCCAGG AUUCCUGAACUCGUCCAGG AUUCCUGAACUCGUCCAGG AUUCCUGAACUCGUCCAGG AUUCCUCAAGGACAUCGUCCGGG AUACCUCCAUCAAGGACAUCGUCCGGG ACAAGAGGACUCGUCCAGG ACAAGAGGACUCGUCCAGG ACAAGAGGACUCGUCCAGG ACAAGAGGACUCGUCCAGG ACAAGAGGACUCGUCCAGG ACAAGAGGACUCGUCCAGG ACAAGAGGACUCGUCCUUCAAGGACAUCGUCCGGG ACAACAGAGGACUCGUCCUUCAAGGACAUCGUCCGGG ACAACACACGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACACACCCCUUCAAGGACAUCGUCCGGG ACACACCCCUUCAAGGACAUCGUCCGGG ACACACACACACACACACACACACACACACACAC	9147	1883	O	15120	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36855
1819   CUUCAAAU G ACCCAURA G GUUGUUCC   15123   CGUCGGGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UAUGGCGU   1814   AAUGACC G ACGUCAAC   15124   GUUGACGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUUUGAAG   1814   AAUGACC G ACGUCAAC   15124   GUUGACGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGUCAUU   1790   UGUUGCUU G AAAAUUCC   15126   GGAAUGAACUCCCUUCAAGGACAUCGUCCGGG AAGUUGAC   1770   AUUCCACA G GAAGGCUC   15128   GAGCCAUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAGUUGAA   1771   AUUCCACA G GAAUGACU   15129   GCUGGAGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUUCCUGU   1750   AUGCCCAU   15129   GCUGGAGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUUCCUGU   1750   AUGCCCAU   15130   CUCGGCAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACGUUGAA   1750   UUGAAUGCC G ACGCCAAU   15131   AGGGAGAACUCCCUUCAAGGACAUCGUCCGGG ACGUCAAC   15131   AGGGAGACCCUUCAAGGACAUCGUCCGGG ACGUCAAC   15131   AGGGAGAACUCCCUUCAAGGACAUCGUCCGGG ACGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACAAGAGCA   1700   UGCUCCAA G ACGCCAAU   15131   AGGGAGAAACUCCCUUCAAGGACAUCGUCCGGG ACGAGGCA   1700   UGCUCCAA G ACGCCAAU   15131   AGGGAGAACUCCCUUCAAGGACAUCGUCCGGG ACGAGGCA   1700   UGCUCCAA G GCGUGUGG ACCACGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACGAGCA   15134   CCACACGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACGAAGCA   1500   UGCCGUU G GCGUGU G GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACGAAGCA   1500   UGCCCAAU G GCGUGU G GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACGAAGCCA   1500   UGCCCAAU G GCGUGU G GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACGAAGCCA   1500   UGCCCAAU G GCGUGU G GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACGAAGCCA   1500   UGCCCAAG G GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG ACGAGGAAACUCCCUUCAAGGACAUCCGGG ACGAGGAAACUCCCUUCAAGGACAUCCGGG ACGAGGAAACUCCCUUCAAGGACAUCCGGG ACGAGGAAACUCCCUUCAAGGACAUCCGGG ACGAGGAAACUCCCUUCAAGGACAUCCGGG ACGAGGAAACUCCCUUCAAGGACAUCCGGG ACGAGGAAACUCCCUUCAAGGACACA G GAGGAGAACCUCCCAUCCAAGACCAUCCAAGACCA G GAGGGAAACUCCCUUCAAGACCAUCCAAGACCA G GAGGAGAAACUC	9152	1878	Ö	15151	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36856
1819   CUUCAANU G ACCCGACG   15124   GUUGACGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUUUGAAG     1814   AAUGACCC G ACGUCAAC   15124   GUUGACGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGGUCAUU     1803   GUCAACUU G ACAGUGUU   15125   AACACUGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAGUUGAC     1790   UGUUGCUU G AAAAUUCC   15126   GGAAUUUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAGCAACA     1771   AUUCCACAG G GAAUGGCU   15127   AGCCAUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGUGGAAU     1772   ACAGGAAU G GCUCCAG   15128   GAGCCAUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGUGGAAU     1756   CAAAGCUU G AUGCCAG   15130   GCUGGAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGUGGAA     1750   UUGAUGCA G AGCUCCCU   15131   AGGGAGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGUGAAGCA     1716   CUAUCACA G ACUCCCU   15131   AGGGAGCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGUGAAGCA     1716   CUAUCACA G ACUCCCU   15131   AGGGAGCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGUGAAGCA     1717   UUCCUUGU G ACUCCUU   15131   AGGGAGCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGUGAAGCA     1718   CUAUCACA G ACUCCUU   15131   AGGGAGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACAAGAGCA     1700   UGGCGUGU G GUUCCUCA   15134   CCACACGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUGGAGCA     1701   UGCUCCAA G GUUCCUCA   15134   CCACACGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUGGAGCA     1701   UGCUCCAA G GGAGGUUGA   15134   CCACACGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUGGAGCA     1701   UGCUCCAA G GGAGGUUGA   15135   UGAGGAAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUGGAGCA     1637   UGCUCCAA G GGAGGUUGA   15136   CAACCUCC GGAGGAAACUCCUUCAAGGACAUCGUCCGGG UUGGAGCA     1636   GCUCCAAG G GAGGGUUGA   15136   CAACCUCC GGAGGAAACUCCUUCAAGGACAUCGUCCGGG CUUGAGCGC     1636   GCUCCAAG G GAGGGUUGA   15136   CAACCUCC GGAGGAAACUCCUUCAAGGACAUCGUCCGGG CUUGAGCGC     1636   GCUCCAAG G GAGGGUUGA   15136   CAACCUCC GGAGGAAACUCCUUCAAGGACAUCCUUCAAGGACAUCCUUCAAGGACAUCCUUCAAGGACAUCCGCG CUUGAGGAAC     1636   GCUCCAAC G GAAGGUUC   GAAGGAAC   GAAGGA	9161	1869	B G	15122	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36857
1814         ANUGACCC G ACGUCAAC         15124         GUUGACGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGGUCAUU           1803         GUCAACUU G ACAGUGU         15125         AACACUGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAGUUGAC           1790         UGUUGCUU G AAAAUUCC         15126         GGAAUUUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGUAGAA           1771         UUCCACAG GAAUGGCU         15127         AGCCAUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGUGGAA           1773         ACAGGAAU G GCUCCAGC         15128         GAGCCAUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGUGGAA           1773         ACAGGAAU G GCUCCAGC         15129         GCUGGAGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUUCGUCGGG           1756         CAAAGCUU G AUGCCAGC         15129         GCUGGAGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUUCGUCGGG AUUCGUCGGG AUUCGUCCGGG AUUCGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUUCGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUUCGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUUCGAGAACCUCCAACGC GGAGGGAAACUCCCUUCAAGGACAUCGUCCGGG AUUCGAGAACCUCCAACGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUUCGAGAACCUCCAACGC GGAGGGAAACUCCCUUCAAGGACAUCGUCCGGG AUUCGAGAACCUCCAACGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUUCGAGACAUCCGGG AUGGAGAACCCUUCAAGGACAUCGUCCGGG AUGGAGAACCCUUCAAGGACAUCCGGG AUGGAGAACCCUUCAAGGACAUCCGGG AUGGAGAACCCUUCAAGGACAUCCGCGG AUGGAGAACCCUUCAAGGACAUCCGGG AUGGAGAAACCCUUCAAGGACAUCCGGG AUGGAGAAACCCUUCAAGGACAUCCGGG AUGGAGAACCCUUCAAGGACAUCCGGG AUGGAGAACCC	9211	1819	Q	15123	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36858
1803         GUCAAACUU G ACAGUGUU         15125         AACACUGU GGAGGAAACUCCCUUCAAGGACAUCGUCGGG AAGUUGAC           1790         UGUUGCUU G AAAAUUCC         15126         GGAAUUUU GGAGGAAACUCCCUUCAAGGACAUCGUCGGG UGUGGAAU           1778         AUUCCACAG G GAAGGAC         15127         AGCCAUU GGAGGAAACUCCCUUCAAGGACAUCGUCGGG UGUGGAA           1771         UUCCACAG G AAUGGCUC         15128         GAGGCAUU GGAGGAAACUCCCUUCAAGGACAUCGUCGGG UGUGGAA           1773         ACAGGAAU G GCUCCAGC         15129         GCUGGAGC GGAGGAAACUCCCUUCAAGGACAUCGUCGGG AUUCCUGA           1750         UUGAAUGAG         AUGCAGAG         15130         CUCUGCAU GGAGGAAACUCCCUUCAAGGACAUCGUCGGG AGCUUCGGG AGCUUCAAGGACAUCGUCCGGG AGCUUCAAGGACAUCGUCCGGG AGCAUCAAGGACAUCGUCCGGG ACAACAUCGUCCGGG ACAACACACCUUCAAGGACAUCGUCCGGG ACAACACACCUCAAGGACAUCGUCCGGG ACAACACACACACACACACACACACACACACACA	9216	1814	O	15124	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36859
1790         UGUUGCUU G AAAAUUCC         15126         GGAAUUUU GGAGGAAACUCCCUUCAAGGACAUCGUCGGG AAGCAACA           1778         AUUCCACA G GAAUGGCU         15127         AGCCAUU GGAGGAAACUCCCUUCAAGGACAUCGUCGGG UGUGGAA           1777         UUCCACAG G AAUGGCUC         15128         GAGCCAUU GGAGGAAACUCCCUUCAAGGACAUCGUCGGG CUGUGGAA           1773         ACAGGAAU G GCUCCAGC         15129         GCUGGAGC GGAGGAAACUCCCUUCAAGGACAUCGUCGGG AUUCCUGG           1750         UUGANGCA G AGCUCCU         15131         AGGGAGAA GGAGGAAACUCCCUUCAAGGACAUCGUCGGG AGCAUCAGGACAUCGUCGGG AGCAUCAGGACAUCGUCCGGG AGCAUCAGGACAUCGUCCGGG AGCAUCAGGACAUCGUCGGG AGCAUCAGGACAUCGUCCGGG ACAAGAGGACAUCGUCCGGG ACAAGAGGACAUCGUCCGGG ACAAGAGGACAUCGUCCGGG ACAAGAGGACAUCGUCCGGG ACAAGAGGACAUCGUCGGG ACAAGAGGACAUCGUCCGGG ACAAGAGGACAUCGUCCGGG ACAAGAGACACACGCCCUUCAAGGACAUCGUCCGGG ACAGAAGACACCCUUCAAGGACAUCGUCCGGG ACGAAGACACCCUUCAAGGACAUCGUCCGGG ACGAAGACACCCUUCAAGGACAUCGUCCGGG ACGAAGACACCCUUCAAGGACAUCGUCCGGG ACGAAGACACCCUUCAAGGACAUCGUCCGGG ACGAAGAACUCCCUUCAAGGACAUCGUCCGGG ACGAAGAACUCCCUUCAAGGACAUCGUCCGGG ACGAAGAACUCCCUUCAAGGACAUCGUCCGGG ACGAAGAACCCCUUCAAGGACAUCGUCCGGG ACGAAGAACCCCUUCAAGGACAUCGUCCGGG ACGAAGAAACUCCCUUCAAGGACAUCGUCCGGG ACGAAGAACCCCCUUCAAGGACAUCGUCCGGG ACGAAGAAACUCCCUUCAAGGACAUCGUCCGGG ACGAAGAACCCCUUCAAGGACAUCGUCCGGG ACGAAGAACCCCUUCAAGGACAUCGUCCGGG ACGAAGAAACCCCCUUCAAGGACACACGGG ACGAAGAAACCCCCUUCAAGGACACACCGGG ACGAAGAAACCCCCUUCAAGGACACACCGGG ACGAAGAAACCCCCUUCAAGGACACACCGGG ACGAAGAAACCCCCUUCAAGGACACACCGGG ACGAAGAAACCCCCUUCAAGGACACACCGGG ACGAAGAAACCCCCUUCAAGGACACACCCGGG ACGAACAACCCCCUUCAAGGACAACCCCCGGG ACGAAGAACCCCCUUCAAGGACAACCCCCACCGGG ACGAACAACCCCCUUCAACACCACCCGGG ACGAACAACCCCCUUCAACCACCCCGGG ACGAACAACCCCCCUUCAACCACCCCACACACCCCGGG ACACCACCCCCCCCCC	9227	1803	O	15125	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36860
1778 AUUCCACA G GAAUGGCUC 15128 AGCCAUUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGUGGAAU 1777 UUCCACAG G AAUGGCUC 15128 GAGCCAUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUGUGGAA 1773 ACAGGAAU G GCUCCAGC 15129 GCUGGAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUUCCUGU 1756 CAAAGCUU G AUGCAGAG 15131 AGGGAGCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAGCUUUG 1750 UUGAUGCA G AGCUCCCU 15131 AGGGAGCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACCAUCAAGGA ACCUUCAAGGACAUCGUCCGGG ACCAUCAAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACCAAGAGG 1707 UUGAUGCA G ACGCCAAU 15132 AUUGGGCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACCAAGAGG 1707 UGCUUCGU G GCGUGUGG 15133 GAAGCAGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACGAAGCA 1700 UGCGUGU G GUUCCUCA G ACGCCACG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACCAAAGCA 1700 UGCGUGU G GUUCCUCA G GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG ACCAAAGCA 1536 CAACACCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUGGAGCA 1537 UCAACCUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUGGAGCA 1536 CAACCUCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUGGAGCA 1536 CAACCUCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUGGAGCA 1536 CAACCUCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUUGGAGCA 1636 CAACCUCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUUGGAGACCUUCAAGGACAUCGUCCAGG CUUGAGAGCCCUUCAAGGACAUCGUCCAGG CUUGAGAGCCCUUCAAGGACAUCGUCCAGG CUUGAGAGCCCUUCAAGGACAUCGUCCAGG CUUGAGAGCCCUUCAAGGACAUCGUCCAGG CUUGAGAGCCCUUCAAGGACCAUCCAACGGC CUUCAAGGACCCUUCAAGGACCAUCCACCGG CUUCAACACCCCUUCAAGGACCAUCCACCCCUUCAAGGACCCUUCAAGGACCAUCCACCCCUUCAAGGACCAUCCACCCCUUCAACCCCUUCAAGCACCCCUUCAAGCACCCUUCAACCCCUUCAACCCCUUCAACCCCUUCAACCCCUUCAACCCCUUCAACCCCUUCAACCCCUUCAACCCCUUCAACCCCUUCAACCCCUUCAACCCCUUCAACCCCUUCAACCCCUUCAACCCCUUCAACCCCUUCAACCCCUUCAACCCCUUCAACCCCCC	9240	1790	ប	15126	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36861
1777 UUCCACAG G AAUGGCUC 15128 GAGCCAUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUGUGGAA 1773 ACAGGAAU G GCUCCAGC 15129 GCUGGAGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUUCCUGU 1756 CAAAGCUU G AUGCAGAG 15131 AGGGAGCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGCUUUG 1750 UUGAUGCA G AGCUCCU 15131 AGGGAGCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGCAUCAA 1736 CCUCUUGU G AGCCCAAU 15132 AUUGGGCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGCAUCAA 1718 CCUCUUGU G ACGCCAAU 15133 GAAGCAGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGUGAUGA 1707 UGCUUCGU G GCGUGUGG 15134 CCACACGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACACACACA 1700 UGCCUCCA G ACGUGUGG 15134 CCACACGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACACACACACACACACACACACACACACACACAC	9252	1778	Ö	15127	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36862
1713 ACAGGAAU G GCUCCAGC 15129 GCUGGAGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUUCCUGU CAAAGCUU G AUGCAGAG 15130 CUCUGCAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAGCUUCA 1750 UUGAUGCA G AGCUCCCU 15131 AGGGAGCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGCAUCAA 1718 CCUCUUGU G ACUCCAN 15132 AUUGGGCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACAAGAGG 1707 UGCUUCAA G ACUGCUUC 15133 GAAGCAGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACAAGAGAG 1700 UGCCUUCA G GCGUGUGG 15134 CCACACGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACGAAGACA 1700 UGCCGUGU G GUUCCUCA G GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG ACGAAGACA 1700 UGCCGUGU G GUUCCUCA G GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG ACACGCCCA 1637 UGCUCCAA G GAGGGUUGA 15136 CAACCCCC GGAGGGAAACUCCCUUCAAGGACAUCGUCCGGG UUGGAAGCA 1636 GCUCCAAG G GAGGUUGA 15137 UCAACCUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUUGGAGCA 1636 GCUCCAAG G GAGGUUGA 15137 UCAACCUC GGAGGGAAACUCCCUUCAAGGACAUCGUCCGGG CUUGGAGCA 1636 GCUCCAAG G GAGGUUGA 15131 UCAACCUC GGAGGGAAACUCCCUUCAAGGACAUCGUCCGGG CUUGGAGCA 1636 CCUCCAAG G GAGGUUGA 15131 UCAACCUC GGAGGGAAACUCCCUUCAAGGACAUCGUCCGGG CUUGGAGCA 1636 CCUCCAAG G GAGGUUGA 16313 CCACCCUC GGAGGGAAACUCCCUUCAAGGACAUCGUCCGGG CUUGGAGCA 1636 CCUCCAAG G GAGGUUGA 16313 CCACCCUC GGAGGGAAACUCCCUUCAAGGACAUCGUCCGGG CUUGGAGAACUCCCUUCAAGGACAUCGUCCGGG CUUGAGAGCA 1636 CCUCCAAG G GAGGAAACUCCUCCAAGGACACCCUUCAAGGACACCCCUUCAAGGACACCCCUCCAAGGACACCCCCUCCAAGGACACCCCUCCAAGGACACCCCUCCAAGGACCACCCCCUCCAAGGACCACCCCCCCUCCAAGGACACCCCCUCCAAGGACCACCCCCCCC	9253	1777	ø	15128	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36863
1756 CAAAGCUU G AUGCAGAG 15130 CUCUGCAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAGCUUUGA GAGGUUUGG G AGCUCCCU 15131 AGGGAGCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGCAUCAA 1736 CCUCUUGU G AGCCCAAU 15132 AUUGGGCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACAAGAGG 1707 UGCUUCGA G ACUGCUUC 15133 GAAGCAGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGUGAUAG ACUGCUCGU G GCGUGUGG G ACACGCCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACGAAGCA 1700 UGCCUUCA G GCGUGUGG G 15134 CCACACGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACGAAGCA 1513 UGAGGAAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACGAAGCA 1637 UGCCCUUCAAGGACAUCGUCCGGG UUGGAGCA 15136 CAACCUCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUGGAGCA 1637 UCCUCCAAG G GAGGUUGA 15137 UCAACCUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUUGGAGCA 15136 CAACCUCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUUGGAGCA 15137 UCAACCUC GGAGGAAAACUCCCUUCAAGGACAUCGUCCGGG CUUGGAGCA 15136 CAACCUCC GGAGGAAAACUCCCUUCAAGGACAUCGUCCGGG CUUGGAGCA 15137 UCAACCUC GGAGGAAAACUCCCUUCAAGGACAUCGUCCGGG CUUGGAGCA 15131 UCAACCUC GGAGGAAAACUCCCUUCAAGGACAUCGUCCGGG CUUGGAGCA 15131 UCAACCUC GGAGGAAAACUCCUUCAAGGACAUCGUCCGGG CUUGGAGCA 15131 UCAACCUC GGAGGAAAACUCCCUUCAAGGACAUCGUCCGGG CUUGGAGCA 15131 UCAACCUC GGAGGAAAACUCCCUUCAAGGACAUCGUCCGGG CUUGGAGCA 15131 UCAACCUC GGAGGAAAACUCCCUUCAAGGACAUCGUCCGGG CUUGAGAGAAACUCCCUUCAAGGACAUCGUCCGGG CUUGAAGCA 1631 UCAACCUC GGAGGAAAACUCCCUUCAAGGACAUCGUCCGGG CUUGAAGCA 1631 UCAACCUCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUUGAAGCA 1631 UCAACCUCC GGAGGAAACCUCCCUUCAAGGACAACCGGG CUUGAAGCA 1631 UCAACCCCUCAAGAACCACCCUUCAAGGACAACCCCUUCAAGGACAACCCCUCAAGAACCACCCCUCAAACACACCCCUCAAACACACCCCUCAACACACACCCCUCCAACACACACCCCUCAACACACACCCCUCAACACACACCCCCACCCCCC	9257	1773	AU G	15129	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36864
1750 UUGAUGCA G AGCUCCCAN 15131 AGGGAGCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGCAUCAAG COCCUUGU G AGCCCANU 15132 AUUGGGCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACAAGAGG COCCUUGU G ACUGCUUC 15133 GAAGCAGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGUGAUAG 1700 UGCCUUCG G GCGUGUGG 15134 CCACACGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACGAAGCA 1700 UGCCGUGU G GUUCCUCA 15135 UGAGGAAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACGAAGCA 1637 UGAGGAAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUGGAGCA 1637 UCAACCUCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUGGAGCA 15136 CAACCUCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUGGAGCA 1637 UCAACCUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUUGGAGCA 15136 CAACCUCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUUGGAGCA 15136 CAACCUCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUUGGAGCA 15137 UCAACCUC GGAGGGAAACUCCCUUCAAGGACAUCGUCCGGG CUUGGAGCA 15137 UCAACCUC GGAGGAAAACUCCCUUCAAGGACAUCGUCCGGG CUUGGAGCA 1536 CUUCCAAG G GAGGUUGA 15137 UCAACCUC GGAGGAAAACUCCCUUCAAGGACAUCGUCCGGG CUUGGAGCA 1536 CAACCUCC GGAGGAAAACUCCCUUCAAGGACAUCGUCCGGG CUUGGAGCA 1536 CAACCUCC GGAGGAAAACUCCCUUCAAGGACAUCGUCCGGG CUUGGAGCA 1536 CAACCUCC GGAGGAAAACUCCCUUCAAGGACAUCGUCCGGG CUUGGAGCA 1536 CAACCUCCAAG G GAGGUUGA 15137 UCAACCUCC GGAGGAAAACUCCCUUCAAGGACAUCGUCCGGG CUUGGAGCA 1536 CAACCUCCAAG G GAGGUUGA 15131 UCAACCUCC GGAGGAAAACUCCCUUCAAGGACAUCGUCCGGG CUUGGAGCA 1536 CAACCUCC GGAGGAAAACUCCCUUCAAGGACAUCGUCCGGG CUUGGAGCA 1536 CAACCUCC GGAGGAAAACUCCCUUCAAGGACAUCGUCCGGG CUUCAAGGACAACCGCCCUUCAAGGACAACCACCGGG CUUGAAGACACCCUUCAAGGACAACCACCGGG CUUGAAGACACCCUUCAAGGACAACCACCGGG CUUCAACCACCCCUUCAAGGACAACCACCGGG CUUCAACCACCCCUUCAACACACACCACCCCUUCAACACACACCCCUUCAACACACACCCCCUUCAACACACACCCCUUCAACACACCAC	9274	1756	Ð	15130	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36865
1736 CCUCUUGU G AGCCCAAU 15132 AUUGGGCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACAAGAGG 1718 CUAUCACA G ACUGCUUC 15133 GAAGCAGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGUGAUAG 1700 UGGCGUGU G GCGUGUGG 15134 CCACACGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACGAAGCA 1700 UGGCGUGU G GUUCCUCA 15135 UGAGGAAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACGAGGCA 1637 UGCGCGUUG GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG UUGGAGCA 1637 UCAACCUC GGAGGAAACUCCUUCAAGGACAUCGUCCGGG UUGGAGCA 1636 GCUCCAAG G GAGGUUGA 15136 CAACCUC GGAGGAAACUCCUUCAAGGACAUCGUCCGGG UUGGAGCA 1636 GCUCCAAG G GAGGUUGA 15137 UCAACCUC GGAGGAAAACUCCCUUCAAGGACAUCGUCCGGG CUUGGAGCA 1636 GCUCCAAG G GAGGUUGA 15137 UCAACCUC GGAGGAAAACUCCCUUCAAGGACAUCGUCCGGG CUUGGAGCA 1636 CUUGGAAGCA 1636 CUUGGAACA 1636 CUUGAACA 1636 CUUGGAACA 1	9280	1750	O	15131	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36866
1718     CUAUCACA G ACUGCUUC     15133     GAAGCAGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGUGAUAG       1707     UGCUUCGU G GCGUGUGG     15134     CCACACGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACGAGCA       1700     UGGCGUGU G GUUCCUCA     15135     UGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACACGCCA       1637     UGCUCCAA G GAGGUUGA     15136     CAACCUCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUGGAGCA       1636     GCUCCAAG G GAGGUUGA     15137     UCAACCUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUUGGAGCA	9294	1736	Ð	15132	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36867
1707 UGCUUCGU G GCGUGUGG 15134 CCACACGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACGAAGCA 1700 UGGCGUGU G GUUCCUCA 15135 UGAGGAAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACACGCCA 1637 UGCUCCAA G GGAGGUUGA 15136 CAACCUCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUGGAGCA 15136 UCACCUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUUGGAGCA 15137 UCAACCUC GGAGGAAACUCCUUCAAGGACAUCGUCCGGG CUUGGAGC 1636	9312	1718	೮	15133	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36868
1700 UGGCGUGU G GUUCCUCA 15135 UGAGGAAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACACGCCA 1637 UGCUCCAA G GGAGGUUGA 15136 CAACCUCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUGGAGCA 15137 UCAACCUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUUGGAGCA 15137 UCAACCUC GGAGGAAAACUCCCUUCAAGGACAUCGUCCGGG CUUGGAGC	9323	1707	O	15134	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36869
1636 GCUCCAAG G GAGGUUGA 15137 UCAACCUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUGGAGCA 1636 GCUCCAAG G GAGGUUGA 15137 UCAACCUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUUGGAGC	9330	1700	ט	15135	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36870
1636 GCUCCAAG G GAGGUUGA 15137 UCAACCUC GGAGGAAAACUCCCUUCAAGGACAUCGUCGGGG CUUGGAGC	9393	1637	v	15136	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36871
	9394	1636	O	15137	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36872

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9395	1635	CUCCAAGG G AGGUUGAG	15138	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36873
9397	1633	CCAAGGGA G GUUGAGGU	15139	- 1	36874
9401	1629	GGGAGGUU G AGGUCCAU	15140	- 1	36875
9403	1627	GAGGUUGA G GUCCAUGA	15141		36876
9410	1620	AGGUCCAU G AACCACUC	15142	- 1	36877
9421	1609	CCACUCAC G AUGGACCA	15143	UGGUCCAU GGAGGAAACUCCCUUCAAGGACAUCGUCGGG GUGAGUGG	36878
9424	1606	CUCACGAU G GACCAAGA	15144	UCUUGGUC GGAGGAAACUCCCUUCAAGGACAUCGUCGGG AUCGUGAG	36879
9425	1605	UCACGAUG G ACCAAGAA	15145	UNCUUGGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAUCGUGA	36880
9431	1599	UGGACCAA G AACGUCUU	15146	AAGACGUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUGGUCCA	36881
9470	1560	UAUGCAUU G GUGUCAAU	15147		36882
9483	1547	CAAUCCCU G ACCGUGGU	15148		36883
9489	1541	CUGACCGU G GUUCACAG	15149	CUGUGAAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACGGUCAG	36884
9540	1490	GUGUGUAU G AAGGCGCC	15150	- 1	36885
9543	1487	UGUAUGAA G GCGCCGCA	15151	UGCGGCGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUCAUACA	36886
9552	1478	GCGCCGCA G GAGUGAUG	15152	CAUCACUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGCGGCGC	36887
9553	1477	CGCCGCAG G AGUGAUGC	15153		36888
9557	1473	GCAGGAGU G AUGCUGAA	15154	UUCAGCAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACUCCUGC	36889
9563	1467	GUGAUGCU G AAUCUCCC	15155	GGGAGAUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGCAUCAC	36890
9577	1453	CCCUGCCU G AGUGGCUC	15156	GAGCCACU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGGCAGGG	36891
9581	1449	GCCUGAGU G GCUCCAAC	15157	GUUGGAGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACUCAGGC	36892
9636	1434	ACCUGUGU G GAGUAGUU	15158	AACUACUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACACAGGU	36893
9597	1433	CCUGUGUG G AGUAGUUU	15159		36894
9612	1418	UUCCGUGC G ACUCCACA	12160	UGUGGAGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCACGGAA	36895
9627	1403	CAGUAGUU G GUCCAUGG	15161		36896
9634	1396	UGGUCCAU G GACAAAA	15162	UUUUUGUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUGGACCA	36897
9635	1395	GGUCCAUG G ACAAAAU	15163		36898
9644	1386	ACAAAAU G GCCACUUC	15164	GAAGUGGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUUUUUGU	36899
9659	1371	UCGUACUU G AUAUUCUC	15165	GAGAAUAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAGUACGA	36900
9674	1356	UCUUUCAA G AUGGUUCU	15166	AGAACCAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUGAAAGA	36901
677	1353	UUCAAGAU G GUUCUUCC	15167	GGAAGAAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUCUUGAA	36902
9695	1335	AUUGCCUU G GUAGAGCA	15168	UGCUCUAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAGGCAAU	36903
6696	1331	CCUUGGUA G AGCAGGCA	15169	UGCCUGCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UACCAAGG	36904
9704	1326	GUAGAGCA G GCAAAUUU	15170	AAAUUUGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGCUCUAC	36905
9713	1317	GCAAAUUU G GCGCAUGU	15171		36906
9801	1229	CAAAAGCU G GGUCAGCA	15172	UGCUGACC GGAGGAACUCCCUUCAAGGACAUCGUCCGGG AGCUUUUG	36907
9802	1228	AAAAGCUG G GUCAGCAC	15173	GUGCUGAC GGAGGAACUCCCUUCAAGGACAUCGUCCGGG CAGCUUUU	36908
9823	1207	GUCAUUGU G AGCUUCUC	15174	GAGAAGCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACAAUGAC	36909
9836	1194	UCUCCCAU G GUCGGGCA	15175	UGCCCGAC GGAGGAACUCCCUUCAAGGACAUCGUCCGGG AUGGGAGA	36910
9840	1190	CCAUGGUC G GGCACGCA	15176	UGCGUGCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GACCAUGG	36911
9841	1189	CAUGGUCG G GCACGCAG	15177	CUGCGUGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGACCAUG	36912

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1173 1172 1170 1168 1161 1158 1135 1135 1119 1089 1089 1086		15179 15180 15181 15183 15184 15186 15186 15189 15189 15190 15191 15191 15191 15191 15193 15194 15194		36914 36915 36916 36917 36919 36920 3692 36923 36924 36924 36925 36926 36926 36926 36926 36926 36926 36926 36926 36926
1172 1170 1168 1161 1158 1135 1134 1123 1119 1089 1086	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	15180 15181 15182 15183 15184 15186 15186 15189 15189 15190 15191 15191 15193 15193 15194 15194	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36915 36916 36917 36918 36920 36920 36923 36924 36925 36926 36926 36926 36926 36926 36926 36926 36926 36926
1170 1168 1161 1158 1135 1134 1119 1089 1089 1086	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	15181 15182 15183 15184 15186 15186 15188 15189 15190 15191 15191 15193 15193 15194 15194	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36916 36917 36918 36919 36920 36921 36923 36924 36925 36926 36926 36926 36926 36926 36926 36926 36926 36926 36926
1168 1161 1158 1135 1134 1113 1119 1089 1086 1087	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	15182 15183 15184 15186 15186 15189 15190 15190 15191 15193 15193 15194 15194	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36917 36918 36919 36920 36921 36923 36924 36924 36926 36926 36926 36926 36926 36926 36926
1161 1158 1135 1134 11123 1119 1089 1086 1082	00000000000000000	15183 15184 15186 15186 15188 15189 15190 15191 15191 15193 15193 15194 15194	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36918 36920 36920 36921 36923 36924 36925 36926 36926 36926 36926
1158 1135 1134 11123 1119 1089 1086 1082	0 0 0 0 0 0 0 0 0 0 0 0	15184 15185 15186 15187 15189 15190 15191 15191 15192 15193 15193 15194 15196	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36929 36920 36921 36922 36924 36924 36926 36926 36926 36926 36926
1134 1134 1123 1119 1089 1086 1082	0 0 0 0 0 0 0 0 0 0 0	15185 15186 15187 15188 15190 15191 15191 15193 15193 15194 15196	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36920 36921 36922 36924 36924 36926 36926 36926 36926 36926 36929
1134 1123 1119 1089 1082 1070		15186 15187 15188 15189 15190 15191 15192 15193 15193 15194 15196	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36921 36922 36923 36924 36926 36926 36927 36929
1123 1119 1089 1086 1082 1070	0 0 0 0 0 0 0 0 0	15187 15188 15189 15190 15191 15192 15193 15193 15194 15196	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36922 36923 36924 36926 36926 36929 36929
1119 1089 1086 1082	0 0 0 0 0 0 0 0 0	15188 15189 15190 15191 15192 15193 15194 15194 15196	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36924 36925 36925 36926 36927 36928 36929
1089 1086 1082 1070	0 0 0 0 0 0 0 0	15189 15190 15191 15192 15193 15194 15196	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36924 36925 36926 36927 36929
1086	0 0 0 0 0 0 0	15190 15191 15192 15193 15194 15195	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36925 36926 36927 36928 36929
1082	0 0 0 0 0 0	15191 15192 15193 15194 15195 15196	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36926 36927 36928 36929
1070	0 0 0 0 0	15192 15193 15194 15195 15196	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36927 36928 36929
1000	စ စြ စြ စြ	15193 15194 15195 15196	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36928
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1039	<u>ت</u> ا	15196	AUDUGGUO GEAGGAACUCCCUUCAAGGACAUCGUCCGGG UCGAAGGC	しっていって
1013	Ç		1	36931
666	اد	15197	AGAGACUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUGGAAGG	36932
976	ט	15198	UCAACUGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUGGAAUG	36933
696	υ	15199	. 1	36934
956	ڻ	15200	GGUGGCCC GGAGGAACUCCCUUCAAGGACAUCGUCCGGG AGCUUACA	36935
955	ა	15201	UGGUGGCC GGAGGAACUCCCUUCAAGGACAUCGUCCGGG CAGCUUAC	36936
954	O	15202	UUGGUGGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCAGCUUA	36937
933	೮	15203	GUGUTUGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUGCUAUU	36938
912	σ	15204		36939
885	ان	15205		36940
882	O	15206		36941
871	ט	15207		36942
870	٥	15208	GGAUAUGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUGGUGGC	36943
860	ပ	15209	GAGGAACC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGGAUAUG	36944
859	٥	15210	UGAGGAAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUGGAUAU	36945
849	ซ	15211	UCAUGGAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUGAGGAA	36946
842	AGAUCCAU G AUUCUGUU	15212	AACAGAAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUGGAUCU	36947
816	ט	15213	ACCAAGGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACAAGGUA	36948
810	guescenu e enecuenc	15214	GACAGCAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAGGCCAC	36949
775	GUUCGCUA G AGUGCUUU	15215	AAAGCACU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UAGCGAAC	36950
743	U	15216	UCGGAGGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACUGACAG	36951
10294 736 UGA	UGACCUCC G ACUGCGUC	15217	GACGCAGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGGUCA	36952

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/25	o D	15218	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36953
Т	פ	15219	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36954
	O	15220	AGAUGCAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAGACACG	36955
	CCAUACCU G ACGUAGAC	15221	GUCUACGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGGUAUGG	36926
	CUGACGUA G ACUGCUGA	15222	UCAGCAGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UACGUCAG	36957
	AGACUGCU G ACUUUGUG	15223	CACAAAGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGCAGUCU	36928
	CAACAGUC G AUGUCUUC	15224	GAAGACAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GACUGUUG	36929
	UGUCCUCCU G GAUCAUUA	15225	UAAUGAUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGAAGACA	36960
649	GUCTUCUG G AUCAUTAC	15226	GUAAUGAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAGAAGAC	36961
635	UACCAGCC G ACAGCACU	15227	AGUGCUGU GGAGGAAACUCCCUUCAAGGACAUCGUCGGG GGCUGGUA	36962
626	ACAGCACU G GGCAUUCA	15228	UGAAUGCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGUGCUGU	36963
625	CAGCACUG G GCAUUCAU	15229	AUGAAUGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAGUGCUG	36964
612	UCAUAAGU G AUAGUAUC	15230	GAUACUAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACUUAUGA	36965
573	AUUGCUCU G ACAAUGCA	15231	UGCAUUGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGAGCAAU	36969
562	AAUGCAUA G GUUCUUUC	15232	GAAAGAAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UAUGCAUU	36967
542	CAGCUGUU G GAAUCGUG	15233	CACGAUUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AACAGCUG	36968
541	o	15234	UCACGAUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAACAGCU	36969
534	GGAAUCGU G AUGACAUC	15235	GAUGUCAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACGAUUCC	36970
531	AUCGUGAU G ACAUCUGU	15236	ACAGADGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUCACGAU	36971
522	ACAUCUGU G ACGUCAGU	15237	ACUGACGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACAGAUGU	36972
484	CUUCCCUU G GAAGUUAG	15238	CUAACUUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAGGGAAG	36973
483	uncccuus s aasunasa	15239	UCUAACUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAAGGGAA	36974
476	GGAAGUUA G AGAGGGUA	15240	UACCCUCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UAACUUCC	36975
474	AAGUUAGA G AGGGUAAC	15241	GUDACCCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCUAACUU	36976
472	GUUAGAGA G GGUAACUG	15242	CAGUUACC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCUCUAAC	36977
471	UUAGAGAG G GUAACUGC	15243	GCAGUUAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUCUCUAA	36978
453	CCUACGCU G GCGAUCAG	15244	CUGAUCGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGCGUAGG	36979
450	ACGCUGGC G AUCAGGCC	15245	GGCCUGAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCCAGCGU	36980
445	ອ	15246	UGAUUGGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGAUCGCC	36981
435	ט	15247	AUUGCAGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUGAUUGG	36982
423	GCAAUUCC G GUCUUUCC	15248	GGAAAGAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAAUUGC	36983
395	I. I	15249	GCGGAGCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAAACAAA	36984
385	GCUCCGCC G AUUGAUAG	15250	CUAUCAAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGCGGAGC	36985
381	CGCCGAUU G AUAGCACU	15251	AGUGCUAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAUCGGCG	36986
372	ტ	15252	ACCUUGAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGUGCUAU	36987
366	ט	15253	CUAGGGAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUGACCAG	36988
340	AAAACUCA G AAGGUGUU	15254	AACACCUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGAGUUUU	36989
337	ACUCAGAA G GUGUUUCA	15255	UGAAACAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUCUGAGU	36990
298	1 1	15256	UGCUGGAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAUGGAGA	36991
283	CACUGCUC G GGUCGGAG	15257	CUCCGACC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAGCAGUG	36992

Table XII

10748	282	ACUGCUCG G GUCGGAGC	15258	GCUCCGAC	GCUCCGAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGAGCAGU	36993
10752	278	CUCGGGUC G GAGCAAUU	15259	AAUUGCUC G	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GACCCGAG	36994
10753	277	UCGGGUCG G AGCAAUUG	15260	CAAUUGCU C	CAAUUGCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGACCCGA	36995
10766	264	AUUGCUGU G AACCUGAA	15261	UUCAGGUU G	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACAGCAAU	36996
10772	258	GUGAACCU G AAGAACGC	15262	acement c	GCGUUCUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGGUUCAC	36997
10775	255	AACCUGAA G AACGCCAA	15263	unggednn e	ungeceuu gaagaaacucccuucaagacaucguccege uucagouu	36998
10784	246	AACGCCAA G AGAGCCAA	15264	unggenen e	ungecucu gaagaaacucccuucaagacaucguccggg uuggcguu	36999
10786	244	CGCCAAGA G AGCCAACA	15265	UGUUGGCU C	UGUUGGCU GGAGGAACUCCCUUCAAGGACAUCGUCCGGG UCUUGGCG	37000
10806	224	AUCGUAUU G GCCCCUUG	15266	CAAGGGGC 0	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAUACGAU	37001
10820	210	UUGCCGUC G AUCAGGCU	15267	AGCCUGAU C	AGCCUGAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GACGGCAA	37002
10825	205	GUCGAUCA G GCUCAACA	15268	UGUUGAGC C	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGAUCGAC	37003
10856	174	CCAAUCAA G GACAACAC	15269	GUGUUGUC (	GUGUUGUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUGAUUGG	37004
10857	173	CAAUCAAG G ACAACACG	15270	cenennen c	ceueuueu egaegaaacucccuucaaegacauceuccege cuugauue	37005
10867	163	CAACACGC G GGGCAUUC	15271	GAAUGCCC (	GAAUGCCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCGUGUUG	37006
10868	162	AACACGCG G GGCAUUCC	15272	GGAAUGCC (	GGAAUGCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGCGUGUU	37007
10869	191	ACACGCGG G GCAUUCCG	15273	CGGAAUGC (	CGGAAUGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCGCGUGU	37008
10892	138	AGCAUAUU G ACAGCCCG	15274	CGGGCUGU	CGGGCUGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAUAUGCU	37009
10900	130	GACAGCCC G GCUCUUGC	15275	GCAAGAGC (	GCAAGAGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGGCUGUC	37010
10910	120	COCONGCC G GECCONCC	15276	GGAGGGCC	GGAGGGCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGCAAGAG	37011
10911	119	nonnecce e eccancan	15277	AGGAGGGC (	AGGAGGGC GGAGGAACUCCCUUCAAGGACAUCGUCCGGG CGGCAAGA	37012
10920	110	accencen a annocuna	15278	UNAGRANC (	UAAGAAAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGGAGGGC	37013
10929	101	GUUUCUUA G ACAUCGAG	15279	CUCGAUGU (	CUCGAUGU GGAGGAACUCCCUUCAAGGACAUCGUCCGGG UAAGAAAC	37014
10935	95	UAGACAUC G AGAUCUUC	15280	GAAGAUCU (	GAAGAUCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAUGUCUA	37015
10937	93	GACAUCGA G AUCUUCGU	15281	ACGAAGAU	ACGAAGAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCGAUGUC	37016
10951	79	COUGCUAA G AAACAGCU	15282	AGCUGUUU (	AGCUGUUU GGAGGAACUCCCUUCAAGGACAUCGUCCGGG UUAGCACG	37017
11019	11	CUCACACA G GCGAACUA	15283	UAGUUCGC (	UAGUUCGC GGAGGAACUCCCUUCAAGGACAUCGUCCGGG UGUGUGAG	37018

Input Sequence = AF196835_rc. Cut Site = G/.
Arm Length = 8. Core Sequence = GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG
AF196835_rc reverse complement of West Nile virus strain NY99-flamingo382-99, complete genome

Table XIII: WNV Enzymatic Nucleic Acid and Target Sequence

Table XIII

GUIGAGUI A UGGRANGA         15284         RWV-591 Re-7 One stabl         Ununcea CUGNIGABGCCAA Accugac B         2047         37013           AGAUCAU U GARACCA         15286         RWV-501 Re-7 One stabl         cepauc CUGNIGABGCCAA Accugac B         23049         37021           GCCAGCU U GARACCA         15288         RWV-501 Re-7 One stabl         cepauc CUGNIGAGGCCAA Accuga B         23051         37022           CCCAGANU U AGAGCAC         15288         RWV-501 Re-7 One stabl         cepauc CUGNIGAGGCCAA Accuga B         23051         37022           CCCCORD U CUCCOU         15288         RWV-501 Re-7 One stabl         cepauc CUGNIGAGGCCAA Accuga B         23051         37021           CCCCORD U CUCCOU         15289         RWV-731 A         CEPACACA U CUCCOU         15291         RWV-751 A         CEPACACA U CUCCOU         15291         RWV-731 A         CEPACACACACA U CUCCOU         15292         RWV-731 A         CEPACACACACA U CUCCOU         15294         RWV-713 A         CEPACACACACA U CUCCOU         15294         RWV-713 A         CEPACACACACA U CUCCOU         15294         RWV-713 A         CEPACACACACA U CUCCOCACACACACACACACACACACACACACACACACAC		Substrate	Seg ID	Alias	Enzymatic Nucleic Acid	RPI #	S q ID
15286   NRV-3021 Rz-7 Ome stabl	1	GUCAGGU A UGGAAGA	15284	8 Rz-7 Ome	CUGAUGAGGCCGuuaggccGAA Accugac	23047	37019
15286   WRV-4082 Rz-7 Ome stabl   Ccugauc CUGAUGAgccguuaggccGAA Agucugg B   23050	1	AGAUCAU U GGAACGG	15285	Rz-7 Ome	CUGAUGAggccguuaggccGAA Augaucu	23048	37020
15287   WRV-7400 Rz-7 Ome stabl   Gogcucu CUGAUGAGGCGRAA Auccugg B   20051     15288   WRV-2915 Rz-7 Ome stabl   Cuggaga CUGAUGAGGCGRAA Augcgag B   20051     15289   WRV-256 CHz-7 Ome stabl   Gagcucu CUGAUGAGGCGRAA GagcGC B   20052     15291   WRV-6802 CHz-7 Ome stabl   Gagaga CUGAUGAGGCGRAA GaggCGA IgaggC B   20053     15292   WRV-180 CHz-7 Ome stabl   Ungaauga CUGAUGAGGCGRAA IgaggC B   20054     15293   WRV-6802 CHz-7 Ome stabl   Ungaauga CUGAUGAGGCGAA IgaggC B   20055     15294   WRV-1491 Dz-7 stabl   Uugauga CUGAUGAGGCGAA IgaggC B   20055     15295   WRV-1562 Dz-7 stabl   Gugucu GCTAGCTACAACGA UggugC B   20056     15296   WRV-1562 Dz-7 stabl   Gugucu GCTAGCTACAACGA UggugC B   20056     15297   WRV-1562 Dz-7 stabl   Gugucu GCTAGCTACAACGA UggugC B   20056     15298   WRV-623 Dz-7 stabl   Gugucu GCTAGCTACAACGA UggugC B   20056     15299   WRV-1562 Dz-7 stabl   Gugucu GCTAGCTACACACA UggagC B   20056     15290   WRV-1562 Dz-7 stabl   Gugucu GCTAGCTACAACGA UggagC B   20056     15291   WRV-1562 Dz-7 stabl   Gugucu GCTAGCTACACACA UggagC B   20056     15202   WRV-1562 Dz-7 stabl   Gugucu GCTAGCTACACACA UggagC B   20056     15203   WRV-415 Amb.Rz-7 stabl   Gucucu GGaggaaacuc CUTCaaggacaucgucCGGG ucucucu B   20061     15204   WRV-2602 Dz-7 stabl   Gucucu Ggaggaaacuc CUTCaaggacaucgucCGGG ucucucu B   20061     15301   WRV-4097 Amb.Rz-7 stabl   Gucuuc Ggaggaaacuc CUTCaaggacaucgucCGGG ucuucu B   20061     15302   WRV-4186 Amb.Rz-7 stabl   Gucuuc Ggaggaaacuc CUTCaaggacaucgucCGGG ucuucu B   20061     15303   WRV-4094 Zin.Rz-7 amino   Uccuuca gccgaaaagGCgagugaGGucu aguggug B   20061     15304   RWV-6547 Amb.Rz-7 amino   Gguagcg gccgaaaagGCgagugaGGucu ugguugu B   20061     15306   WRV-404 Zin.Rz-7 amino   Gguagcg gccgaaaagGCgagugaGGucu ugguugu B   20070     15307   WRV-664 Zin.Rz-7 amino   Uccuuca gccgaaaagGCgagugaGGucu ugguugu B   20070     15307   WRV-664 Zin.Rz-7 amino   Uccuuca gccgaaaagGCgaguucucucu B   20070     15307   RRV-4986 Zin.Rz-7 amino   Uccuuca gccgaaaagGCgagugaGGucu ugguugu B   20070     15307   RRV-4986 Zin	1	GGCAGCU U GAUCAGG	15286	82 Rz-7 Ome	CUGAUGAGGCCGuuaggccGAA Agcugcc	23049	37021
15288   WNV-256 CHz-7 Ome stabl.   aaccuga CUGANGAAgccguuaggccGAA Augcgag B   23051     15289   WNV-256 CHz-7 Ome stabl.   aaccuga CUGANGAAgccguuaggccGAA Iaacgcc B   23052     15289   WNV-256 CHz-7 Ome stabl.   ugaauga CUGANGAgcguuaggccGAA Iaacgcc B   23054     15291   WNV-6802 CHz-7 Ome stabl.   ugaauga CUGANGAGgcguuaggccGAA Iagaggc B   23054     15292   WNV-7344 CHz-7 Ome stabl.   uugaaga CUGANGAGGCGuuaggccGAA Iagaggc B   23055     15293   WNV-1551 Dz-7 stabl.   uugaaga CUGANGAGCA ugaagc B   23057     15295   WNV-1552 Dz-7 stabl.   uugaaga CGCTAGCTACAACA ugagcu B   23056     15295   WNV-1552 Dz-7 stabl.   uugaaga CGCTAGCTACAACA ugagcu B   23056     15295   WNV-1552 Dz-7 stabl.   uugaaga CGCTAGCTACAACA ugagcu B   23056     15296   WNV-1552 Dz-7 stabl.   uugaaga CGCTAGCTACAACA ugagcu B   23056     15297   WNV-6823 Dz-7 stabl.   uugaaga CGCTAGCTACAACA ugagcu B   23056     15307   WNV-6823 Dz-7 stabl.   uucaaga GGCTAGCTACAACA ugagcu B   23056     15308   WNV-415 Amb.Rz-7 stabl.   uucaaga GGCTAGCTACAACA ugacca B   23061     15308   WNV-415 Amb.Rz-7 stabl.   uucaagu GgaggaacucC CUCCaaggacaucgucCGGG uccucuu B   23067     15308   WNV-415 Amb.Rz-7 stabl.   uucaagu GgaggaacucC CUCCaaggacaucgucCGGG uccucuu B   23067     15308   WNV-415 Amb.Rz-7 stabl.   uucuuc GgaggaacucC CUCCaaggacaucgucCGGG uccuuc B   23067     15306   WNV-416 Amb.Rz-7 stabl.   uucuuc GgaggaacucC CUCCaaggacaucgucCGGG uccuuc B   23067     15306   WNV-414 Zin.Rz-7 amino   uucuuca gucgaaaggCgagugacaucgucCGG uccuuc B   23067     15306   WNV-404 Zin.Rz-7 amino   uucuuca gucgaaaggCgagugacaucgucCGG uccuuc B   23067     15306   WNV-404 Zin.Rz-7 amino   uucuuca gucgaaaggCgagugacaucca B   23067     15306   WNV-404 Zin.Rz-7 amino   uucuucaa gccgaaaggCgagugacaucca B   23067     15306   WNV-404 Zin.Rz-7 amino   uucuucaa gccgaaaggCgagugacaucca B   23067     15306   uucuuc gcgaaaggCgagugagacaucca B   23067     15306   uucuuc gcgaaaggCgagugagacaucca B   23067     15306   uucuuc gcgaaaggCgagugagacaucca B   23067     15307   uucuucaa gccgaaaggCgagugagacaucca B   2306		CCAGAAU U AGAGCGC	15287	00 Rz-7 Ome	СУСАУСАВССВинадоссСАА Аписида	23050	37022
15289   WRV-256 CHz-7 Ome stabl   aaccuga CUGAUGAGGCCGAA IaccgCCB   23053   15290   WRV-1488 CHz-7 Ome stabl   uguauga CUGAUGAGGCCGAA IgcgcCGB   23053   23054   15291   WRV-6802 CHz-7 Ome stabl   uguauga CUGAUGAGGCCGAA IgcgcCGB   23055   23055   23055   25291   WRV-7344 CHz-7 Ome stabl   ugaauga CUGAUGAGGCCGAA IgcgCGBA Iccgcug B   23055   23055   25292   WRV-1451 Dz-7 stab3   gugugua GGCTAGCTACAACAA gaaggCGAA Icgcug B   23055   23055   25294   WRV-1552 Dz-7 stab3   gugugua GGCTAGCTACAACAA ugguguc B   23056   23056   25295   WRV-1552 Dz-7 stab3   gugugua GGCTAGCTACAACAA ugguguc B   23056   23057   25295   WRV-1552 Dz-7 stab3   gugugua GGCTAGCTACAACAA ugguguc B   23056   23057   25295   WRV-1552 Dz-7 stab3   gugugua GGCTAGCTACAACAA ugguguc B   23057   23057   25295   WRV-1552 Dz-7 stab3   gucuuuc GgaggaaacucC CUCCaaggacaucgucGGG ucucuc B   23057   25205   WRV-1552 Dz-7 stab3   guccauc GgaggaaacucC CUCCaaggacaucgucGGG ucucuc B   23057   25205   WRV-1552 Dz-7 stab3   uccaguc GgaggaaacucC CUCCaaggacaucgucGGG ucucuc B   23067   25305   WRV-2560 Zin.Rz-7 stab3   guccauc GgaggaaacucC CUCCaaggacaucgucGGG ucucuc B   23067   25305   WRV-2660 Zin.Rz-7 stab3   uccaguc GgaggaaacucC CUCCaaggacaucgucGGG ucucuc B   23067   25305   WRV-2660 Zin.Rz-7 stab3   guccauc GgaggaaacucC CUCCaaggacaucgucGGG ucucuc B   23067   25305   WRV-2660 Zin.Rz-7 stab3   guccauc GgaggaaacucC CUCCaaggacaucgucGGG ucucuc B   23067   25305   WRV-2660 Zin.Rz-7 amino   uccuuca gccgaaaggCgagugaGGuCu agugug B   23067   23070   23070   23070   23070   23070   23070   23070   23070   23070   23070   23070   23070   23070   23070   23070   23070   23070   23070   23070   23070   23070   23070   23070   23070   23070   23070   23070   23070   23070   23070   23070   23070   23070   23070   23070   23070   23070   23070   23070   23070   23070   23070   23070   23070   23070   23070   23070   23070   23070   23070   23070   23070   23070   23070   23070   23070   23070   23070   23070   23070   23070   23070   23070   23070   23070   23070   23070   23070   230		CUCGCAU A UCUCCAG	15288	15 Rz-7 Ome	CUGAUGAGGCCGuuaggccGAA Augcgag	23051	37023
15290   WNV-1488 CHz-7 Ome stabl   uguauga CUGANUGAggccguuaggccGAA Igagaga B   23053     15291   WNV-6802 CHz-7 Ome stabl   aagagaa CUGANUGAggccguuaggccGAA Igagaga B   23054     15292   WNV-7344 CHz-7 Ome stabl   ugaauucc CUGANUGAggccguuaggccGAA Iuggagc B   23055     15293   WNV-1491 Dz-7 stab3   guaugca CUGANUGAggccguuaggccGAA Iuggagc B   23056     15294   WNV-1615 Dz-7 stab3   guaugca CGCTAGCTACAACCA ugaagca B   23059     15295   WNV-1515 Dz-7 stab3   guauca GGCTAGCTACAACCA ugaagca B   23059     15297   WNV-5582 Dz-7 stab3   guauca GGCTAGCTACAACCA ugaagca B   23050     15299   WNV-155 Dz-7 stab3   gucuuuc GgaggaaacucC CUUCaaggcacucgucGGG ucucuu B   23061     15290   WNV-2552 Danh.Rz-7 stab3   guccauc GgaggaaacucC CUUCaaggcacaucgucCGGG ucucuu B   23061     15301   WNV-2552 Danh.Rz-7 stab3   guccauc GgaggaaacucC CUUCaaggaacaucgucCGGG ucucuu B   23065     15302   WNV-155 Amb.Rz-7 stab3   guccauc GgaggaaacucC CUUCaaggaacaucgucCGGG ucucuc B   23065     15303   WNV-2568 Zin.Rz-7 stab3   guccauc GgaggaaacucC CUUCaaggaacaucgucCGGG ucucuc B   23065     15304   WNV-268 Zin.Rz-7 stab3   guccauc GgaggaaacucC CUUCaaggaacaucgucCGGG ucucuc B   23066     15305   WNV-6504 Zin.Rz-7 stab3   guccauc GgaggaaacucC CUUCaaggaacaucgucCGGG ucucuc B   23066     15306   WNV-684 Zin.Rz-7 amino   uccuuca gccgaaaggCgagugaGGucu acaucca B   23067     15306   WNV-684 Zin.Rz-7 amino   uccuuca gccgaaaggCgagugaGGucu ugcuuc B   23067     15307   WNV-684 Zin.Rz-7 amino   uccuuca gccgaaaggCgagugaGGucu ugcuuca B   23070     15308   WNV-864 Zin.Rz-7 amino   uccuuca gccgaaaggCgagugaGGucu ugcuuca B   23070     15308   wnV-864 Zin.Rz-7 amino   uccuuca gccgaaaggCgagugaGGucu ugcuuca B   23070     15308   wnV-864 Zin.Rz-7 amino   uccuuca gccgaaaggCgagugaGGucu ugcuuca B   23071     15308   wnV-864 Zin.Rz-7 amino   uccuuca gccgaaaggCgagugaGGucu ugcuuca B   23071     15308   wnV-864 Zin.Rz-7 amino   uccuuca gccgaaaggCgagugaGGucu ugcuucu B   23071     15308   wnV-864 Zin.Rz-7 amino   ucuucaa gccgaaaggCgagugaCGucu ugcuucu B   23071     15308   wnV-864 Zin.Rz-		GGCGUUC U UCAGGUU	15289	CHz-7 Ome	CUGAUGAggccguuaggccGAA Iaacgcc	23052	37024
15291   WNV-6802 CHz-7 Ome stabl   aagagaa CUGANUGAGGCGUAA IgegagG B   23054     15292   WNV-7344 CHz-7 Ome stabl   ugaauucc CUGANUGAGGCGUAA IgegaG B   23055     15293   WNV-7344 CHz-7 Ome stabl   ugaagga CUGANUGAGGCGUAA IuggaGC B   23056     15294   WNV-1491 Dz-7 stabl   guaugca CGCTAGCTACAACGA agagGC B   23057     15296   WNV-1552 Dz-7 stabl   guaugca GGCTAGCTACAACGA ugaguc B   23058     15297   WNV-1552 Dz-7 stabl   guaugca GGCTAGCTACAACGA ugaguc B   23058     15297   WNV-5582 Dz-7 stabl   gaaugga GGCTAGCTACAACGA ugaguc B   23061     15297   WNV-5582 Dz-7 stabl   guaugca GGCTAGCTACAACGA ugaguc B   23061     15299   WNV-15 Amb.Rz-7 stabl   gucuuc GgaggaaacucC CUUCaaggaacaucgucGGGG ucucuu B   23061     15300   WNV-2552 Amb.Rz-7 stabl   guccuuc GgaggaaacucC CUUCaaggacaucgucGGGG ucucuu B   23064     15301   WNV-2552 Amb.Rz-7 stabl   guccuuc GgaggaaacucC CUUCaaggacaucgucGGGG ucucuuc B   23064     15302   WNV-4104 Zhr.Rz-7 amino   uccuuca gccgaaaggCgagugaGGuCu aguagu B   23066     15304   WNV-684 Zhr.Rz-7 amino   uccuuca gccgaaaggCgagugaGGuCu aguugu B   23067     15307   WNV-684 Zhr.Rz-7 amino   uccugua gccgaaaggCgagugaGGuCu ugguugu B   23071     15308   WNV-8962 Zhr.Rz-7 amino   uccugua gccgaaaggCgagugaGGuCu ugguugu B   23071     15308   WNV-8962 Zhr.Rz-7 amino   uccugua gccgaaaggCgagugaGGuCu ugguugu B   23071     15308   WNV-8962 Zhr.Rz-7 amino   uccugua gccgaaaggCgagugaGGuCu ugguugu B   23071     15308   WNV-8962 Zhr.Rz-7 amino   uccugua gccgaaaggCgagugaGGuCu ugguugu B   23071     15308   WNV-8962 Zhr.Rz-7 amino   uccugua gccgaaaggCgagugaGGuCu ugguugu B   23071     15308   WNV-8962 Zhr.Rz-7 amino   uccugua gccgaaaggCgagugaGGuCu ugguugu B   23071     15308   WNV-8962 Zhr.Rz-7 amino   uccugua gccgaaaggCgagugaGGuCu ugguugu B   23071     15308   WNV-8962 Zhr.Rz-7 amino   uccugua gccgaaaggCgagugaGGuCu ugguugu B   23071     15308   WNV-8962 Zhr.Rz-7 amino   uccugua gccgaaaggCgagugaGGuCu ugguugu B   23071     15308   WNV-8962 Zhr.Rz-7 amino   ucuuca gccgaaaggCgagugaGGuCu B   23071     15308   WNV-8962 Zhr.Rz-7 amino		CGGCGCC U UCAUACA	15290	WNV-1488 CHz-7 Ome stabl		23053	37025
15292   MRN-7344 CHz-7 Ome stabl   uggaqucc CUGAUGAGgccguuaggccGAA Iccgcug B   23055     15294   MRN-9713 CHz-7 Ome stabl   uugagga CUGAUGAGgccguuaggccGAA Iuggagc B   23056     15294   MRN-1491 Dz-7 stab3   guaugca GGCTAGCTACAACGA gaaggcg B   23057     15295   MRN-1562 Dz-7 stab3   guaugca GGCTAGCTACAACGA ugguguc B   23058     15297   MRN-5582 Dz-7 stab3   guaugca GGCTAGCTACAACGA ugagccu B   23058     15297   MRN-1562 Dz-7 stab3   gaaugga GGCTAGCTACAACGA ugagccu B   23059     15298   MRN-415 Amb.Rz-7 stab3   gucuuc GGaggaaacucC CUGCaaggacaucgucGGGG ucucuu B   23061     15300   MRN-415 Amb.Rz-7 stab3   guccauc GgaggaaacucC CUCCaaggacacucgucGGG ucucuu B   23062     15301   MRN-4097 Amb.Rz-7 stab3   guccauc GgaggaaacucC CUCCaaggacacucGGGG ucucuuc B   23064     15302   MRN-4186 Amb.Rz-7 stab3   guccauc GgaggaaacucC CUCCaaggacacucGGGG ucucuuc B   23064     15304   MRN-4097 Amb.Rz-7 stab3   guccuuc GgaggaaacucC CUCCaaggacacucGGGG ucucuuc B   23064     15305   MRN-4186 Amb.Rz-7 stab3   guccuuc GgaggaaacucC CUCCaaggacacucGGGG ucucuuc B   23064     15306   MRN-4044 Zin.Rz-7 amino   guagcg gccgaaaggCgagugaGGuCu acaucca B   23067     15307   MRN-8644 Zin.Rz-7 amino   guagcg gccgaaaggCgagugaGGuCu ugguugu B   23070     15307   MRN-864 Zin.Rz-7 amino   uccuucaa gccgaaaaggCgagugaGGuCu ugguugu B   23070     15307   MRN-864 Zin.Rz-7 amino   ucuucaa gccgaaaaggCgagugaGGuCu ugguugu B   23071     15307   MRN-864 Zin.Rz-7 amino   ucuucaa gccgaaaaggCgagugaGGuCu ugguugu B   23071     15307   RRN-864 Zin.Rz-7 amino   ucuucaa gccgaaaaggCgagugaGGuCuucuu B   23071     15308   MRN-864 Zin.Rz-7 amino   ucuucaa gccgaaaaggCgagugaGGuCuucuu B   23071     15308   MRN-864 Zin.Rz-7 amino   ucuucaa gccgaaaaggCgagugaGGuCuucuucu B   23071     15308   MRN-864 Zin.Rz-7 amino   ucuucaa gccgaaaaggCgagugaGGuCuucuucu B   23071     15308   MRN-864 Zin.Rz-7 amino   ucuucaa gccgaaaaggCgagugaGGuCuucucu B   23071     15308   MRN-864 Zin.Rz-7 amino   ucuucaa gccgaaaaggCgagugaGGuCuucucucucucucucucucucucucucucucucucu		ecucace e ancacaa	15291	CHz-7 Ome	Igagagc	23054	37026
15293 WRV-9733 CHz-7 Ome stab1   uugagga CUGANGAGgccguuaggccGAA Tuggagc B   23056     15294 WRV-11562 Dz-7 stab3   guaugca GGCTAGCTACAACGA Gaaggcg B   23057     15295 WRV-1562 Dz-7 stab3   guaugca GGCTAGCTACAACGA uagaguu B   23059     15296 WRV-1562 Dz-7 stab3   gaaugga GGCTAGCTACAACGA uagaguu B   23060     15297 WRV-5582 Dz-7 stab3   gaaugga GGCTAGCTACAACGA uagaguu B   23061     15299 WRV-415 Amb.Rz-7 stab3   gucuuc GgaggaaacucC CUUCaaggacaucgucCGGG uccucuu B   23061     15301 WRV-415 Amb.Rz-7 stab3   gucuuc GgaggaaacucC CUUCaaggacaucgucCGGG accucuu B   23062     15302 WRV-416 Amb.Rz-7 stab3   guccauc GgaggaaacucC CUUCaaggacaucgucCGGG uccucuu B   23066     15302 WRV-4166 Amb.Rz-7 stab3   guccauc GgaggaaacucC CUUCaaggacaucgucCGGG uccuuuc B   23066     15303 WRV-2560 Zin.Rz-7 stab3   guccauc GgaggaaacucC CUUCaaggacaucgucCGGG uccuuuc B   23066     15304 WRV-2680 Zin.Rz-7 amino   uccuuca gccgaaaggCgagugaGGuCu aguuggug B   23068     15305 WRV-4044 Zin.Rz-7 amino   uccuuca gccgaaaggCgagugaGGuCu uaguugug B   23069     15307 WRV-6864 Zin.Rz-7 amino   uccuuca gccgaaaggCgagugaGGuCu ugguugu B   23069     15307 WRV-8864 Zin.Rz-7 amino   uccuuca gccgaaaggCgagugaGGuCu ugguugu B   23070     15307 WRV-8864 Zin.Rz-7 amino   uccuuca gccgaaaggCgagugaGGuCu ugguugu B   23070     15307 WRV-8864 Zin.Rz-7 amino   uccuucaa gccgaaaaggCgagugaGGuCu ugguugu B   23070     15308 WRV-8864 Zin.Rz-7 amino   uccuucaa gccgaaaaggCgagugaGGuCu ugguugu B   23070     15308 WRV-8864 Zin.Rz-7 amino   uccuucaa gccgaaaaggCgagugaGGuCu ugguuguucu B   23070     15308 WRV-8864 Zin.Rz-7 amino   uccuucaa gccgaaaaggCgagugaGGuCu ugguuguucu B   23070     15308 WRV-8864 Zin.Rz-7 amino   uccuucaa gccgaaaaggCgagugaGGuCu ugguuguucu B   23070     15308 WRV-8864 Zin.Rz-7 amino   uccuucaa gccgaaaaggCgagugaGGuCu ugguuguucu B   23071     15308 WRV-8864 Zin.Rz-7 amino   uccuucaa gccgaaaaggCgagugaGGuCu ugguuguucu B   23071     15308 WRV-8864 Zin.Rz-7 amino   uccuucaa gccgaaaaggCgagugaGGuCu ugguuguucu B   23071     15308 WRV-8864 Zin.Rz-7 amino   uccuucaa gccgaaaaggCgaguga		CAGCGGC C GGAAUCA	15292	44 CHz-7 Ome		23055	37027
15294   WIVV-1491 Dz-7 stab3   gugugua GGCTAGCTACAACGA gaaggcg B   23057     15295   WIVV-1562 Dz-7 stab3   guaugca GGCTAGCTACAACGA ugguguc B   23058     15296   WIVV-3582 Dz-7 stab3   gaaugga GGCTAGCTACAACGA ugagcu B   23060     15299   WIVV-6823 Dz-7 stab3   gaaugga GGCTAGCTACAACGA ugagca B   23061     15299   WIVV-6823 Dz-7 stab3   gucuuuc GgaggaaacucC CUUCaaggacaucgucCGGG uccucuu B   23061     15300   WIVV-415 Amb.Rz-7 stab3   guccauc GgaggaaacucC CUUCaaggacaucgucCGGG agcacuc B   23064     15301   WIVV-4186 Amb.Rz-7 stab3   guccauc GgaggaaacucC CUUCaaggacaucgucCGGG agcacuc B   23065     15302   WIVV-6577 Amb.Rz-7 stab3   guccauc GgaggaaacucC CUUCaaggacaucgucCGGG ucuuuc B   23065     15304   WIVV-6577 Amb.Rz-7 stab3   guccauc GgaggaaacucC CUUCaaggacaucgucCGGG agcaca B   23066     15304   WIVV-6577 Amb.Rz-7 stab3   guccauc GgaggaaacucC CUUCaaggacaucgucCGGG agcaca B   23066     15305   WIVV-6577 Amb.Rz-7 amino   uccuuca gccgaaaggCgagugaGGuCu aguugug B   23066     15306   WIVV-6864 Zin.Rz-7 amino   uccugua gccgaaaggCgagugaGGuCu acaucca B   23069     15306   WIVV-6864 Zin.Rz-7 amino   cucugua gccgaaaggCgagugaGGuCu ugguugu B   23060     15307   WIVV-6864 Zin.Rz-7 amino   cucucaa gccgaaaggCgagugaGGuCu ugguugu B   23070     15308   WIVV-6864 Zin.Rz-7 amino   cucucaa gccgaaaggCgagugaGGuCu ugguugu B   23070     15308   WIVV-6864 Zin.Rz-7 amino   cucucaa gccgaaaggCgagugaGGuCu ugguugu B   23070     15308   WIVV-6864 Zin.Rz-7 amino   cucucaa gccgaaaggCgagugaGGuCu ugguugu B   23070     15308   WIVV-6864 Zin.Rz-7 amino   cucucaa gccgaaaggCgagugaGGuCu ugguugu B   23070     15308   WIVV-6864 Zin.Rz-7 amino   cucucaa gccgaaaggCgagugaGGuCu ugguugu B   23070     15308   WIVV-6864 Zin.Rz-7 amino   cucucaa gccgaaaggCgagugaGGuCu ugguugu B   23070     15308   WIVV-6864 Zin.Rz-7 amino   cucucaa gccgaaaggCgagugaGGuCu ugguugu B   23070     15308   WIVV-6864 Zin.Rz-7 amino   cucucaa gccgaaaggCgagugaGGuCu ugguugu B   23070     15308   WIVV-6864 Zin.Rz-7 amino   cucucaa gccgaaaggCgagugaGuCuCaa B   23071     15308   WIVV-6864 Zin.Rz-7		GCUCCAC U UCCUCAA	15293	33 CHz-7 Ome	Iuggagc	23056	37028
15295   WIV-1562 Dz-7 stab3   Gyuaugca GGCTAGCTACAACGA ugguguc B   23058     15297   WIV-5582 Dz-7 stab3   Gyuaugca GGCTAGCTACAACGA ugagccu B   23060     15298   WIV-415 Amb.Rz-7 stab3   Gyuauga GGCTAGCTACAACGA uagcaca B   23061     15299   WIV-415 Amb.Rz-7 stab3   Gyucuuc Ggaggaaacucc CUTCaaggacaucgucCGGG ucuccuu B   23062     15301   WIV-4097 Amb.Rz-7 stab3   Gyucuuc Ggaggaaacucc CUTCaaggacaucgucCGGG ucuccuu B   23063     15302   WIV-416 Amb.Rz-7 stab3   Gyucuuc Ggaggaaacucc CUTCaaggacaucgucCGGG ucuccuc B   23065     15303   WIV-5680 Zin.Rz-7 stab3   Gyucuuc Ggaggaaacucc CUTCaaggacaucgucCGGG ucuccuc B   23065     15304   WIV-2680 Zin.Rz-7 amino   Gyaggaaacucc CUTCaaggacaucgucCGGG ucucuc B   23067     15305   WIV-3432 Zin.Rz-7 amino   GyaggaaaggCgagugaGGucu aguuguu B   23069     15306   WIV-4044 Zin.Rz-7 amino   GyagcaaaggCgagugaGGucu ugguugu B   23069     15307   WIV-6864 Zin.Rz-7 amino   Cygcuaa gccgaaaggCgagugaGGucu ugguugu B   23070     15307   WIV-6864 Zin.Rz-7 amino   Ucuucaa gccgaaaaggCgagugaGGucu ugguugu B   23071     15308   WIV-8862 Zin.Rz-7 amino   Ucuucaa gccgaaaaggCgagugaGGucu ugguugu B   23071     15307   WIV-6864 Zin.Rz-7 amino   Ucuucaa gccgaaaaggCgagugaGGucuugcucu B   23071     15307   WIV-6864 Zin.Rz-7 amino   Ucuucaa gccgaaaaggCgagugaGGucuugcucu B   23071     15308   WIV-8862 Zin.Rz-7 amino   Ucuucaa gccgaaaaggCgagugaGGucuugcucu B   23071     15308   WIV-8862 Zin.Rz-7 amino   Ucuucaa gccgaaaaggCgagugaGGucuugcucu B   23071     15308   WIV-8862 Zin.Rz-7 amino   Ucuucaa gccgaaaaggCgagugaGGucuugcucu B   23071     15308   WIV-8864 Zin.Rz-7 amino   Ucuucaa gccgaaaaggCgagugaGGucuucucu B   23071     15308   WIV-8864 Zin.Rz-7 amino   Ucuucaa GccgaaaggCgagugaGucucuc	1	CGCCUUC A UACACAC	15294	91 Dz-7	gugugua GGCTAGTACAACGA gaaggcg B	23057	37029
15296   WINV-3089 Dz-7 stab3   Gguauca GGCTAGCTACAACGA ugagccu B   23060     15297   WINV-5582 Dz-7 stab3   gaaugga GGCTAGCTACAACGA cugaagu B   23061     15299   WINV-6823 Dz-7 stab3   ucaggaa GGCTAGCTACAACGA uagcaca B   23061     15299   WINV-415 Amb.Rz-7 stab3   gucuuuc GgaggaaacucC CUUCaaggacaucgucCGGG uccucuu B   23062     15300   WINV-416 Amb.Rz-7 stab3   guccauc GgaggaaacucC CUUCaaggacaucgucCGGG uccucuu B   23064     15301   WINV-4097 Amb.Rz-7 stab3   guccauc GgaggaaacucC CUUCaaggacaucgucCGGG uccucuu B   23064     15302   WINV-4186 Amb.Rz-7 stab3   guccauc GgaggaaacucC CUUCaaggacaucgucCGGG uccucuu B   23065     15303   WINV-2680 Zin.Rz-7 amino   uccuuca gccgaaaggCgagugaGGuCu aguuggug B   23067     15305   WINV-4044 Zin.Rz-7 amino   uccugua gccgaaaggCgagugaGGuCu aguuguu B   23069     15306   WINV-6864 Zin.Rz-7 amino   uccugua gccgaaaggCgagugaGGuCu ugguugu B   23069     15307   WINV-8962 Zin.Rz-7 amino   uccucaa gccgaaaggCgagugaGGuCu ugguugu B   23071     15308   WINV-8962 Zin.Rz-7 amino   uccucaa gccgaaaggCgagugaGGuCu ugguugu B   23071     15308   WINV-8962 Zin.Rz-7 amino   ucuucaa gccgaaaggCgagugaGGuCuugcuucu B   23071     15308   WINV-8964 Zin.Rz-7 amino   ucuucaa gccgaaaggCgagugaGGuCuugcuucu B   23071     15308   WINV-8964 Zin.Rz-7 amino   ucuucaa gccgaaaggCgagugaGGuCuugcuucu B   23071     15308   WINV-8964 Zin.Rz-7 amino   ucuucaa gccgaaaggCgagugaGGuCuugcuucu B   23071     15308   WINV-8965 Zin.Rz-7 amino   ucuucaa gccgaaaggCgagugaGGuCuugcuucu B   23071     15308   WINV-8965 Zin.Rz-7 amino   ucuucaa gccgaaaggCgagugaGuCuugcuucu B   23071     15308   WINV-8965 Zin.Rz-7 amino   ucuucaa gccgaaaggCgagugaGuCuucuucuucuucuucuucuucucucucucucucucuc	1	GACACCA A UGCAUAC	15295			23058	37030
15297   WINV-5582 Dz-7 stab3   gaaugga GGCTAGCTACAACGA cugaagu B   23060     15298   WINV-6823 Dz-7 stab3   ucaggaa GGCTAGCTACAACGA uagcaca B   23061     15299   WINV-415 Amb.Rz-7 stab3   gucuuuc GgaggaaacucC CUUCaaggacaucgucCGGG ucucuuu B   23062     15301   WINV-2552 Amb.Rz-7 stab3   guccauc GgaggaaacucC CUUCaaggacaucgucCGGG aagccuc B   23064     15302   WINV-4186 Amb.Rz-7 stab3   ucaguc GgaggaaacucC CUUCaaggacaucgucCGGG ucucuc B   23064     15303   WINV-680 Zin.Rz-7 amino   uccuuca gccgaaaggCgagugaGGuCu aguggug B   23068     15304   WINV-3432 Zin.Rz-7 amino   uccugua gccgaaaggCgagugaGGuCu acaucca B   23069     15306   WINV-4044 Zin.Rz-7 amino   uccugua gccgaaaggCgagugaGGuCu acaucca B   23069     15307   WINV-6864 Zin.Rz-7 amino   uccugua gccgaaaggCgagugaGGuCu ugguugu B   23069     15307   WINV-8864 Zin.Rz-7 amino   ucuucaa gccgaaaggCgagugaGGuCu ugguugu B   23071     15307   WINV-8864 Zin.Rz-7 amino   ucuucaa gccgaaaggCgagugaGGuCu ugguugu B   23071     15307   WINV-8864 Zin.Rz-7 amino   ucuucaa gccgaaaggCgagugaGGuCu ugguugu B   23071     15307   WINV-8864 Zin.Rz-7 amino   ucuucaa gccgaaaggCgagugaGGuCu ugguugu B   23071     15308   WINV-8864 Zin.Rz-7 amino   ucuucaa gccgaaaggCgagugaGGuCu ugguugu B   23071     15307   WINV-8864 Zin.Rz-7 amino   ucuucaa gccgaaaggCgagugaGGuCu ugguugu B   23071     15307   WINV-8864 Zin.Rz-7 amino   ucuucaa gccgaaaggCgagugaGGuCu ugguugu B   23071     15307   Ucana Gagagagagagagagagagagagagagagagagagaga	1	AGGCUCA A UGAUACG	15296	Dz-7	GGCTAGCTACAACGA ugagccu	23059	37031
15298   WNV-6823 Dz-7 stab3   ucaggaa GGCTAGCTACAACGA uagcaca B   23061     15299   WNV-415 Amb.Rz-7 stab3   guccauc GgaggaaacucC CUUCaaggacaucgucCGGG uccucuu B   23062     15301   WNV-2552 Amb.Rz-7 stab3   guccauc GgaggaaacucC CUUCaaggacaucgucCGGG aagccuc B   23064     15302   WNV-4186 Amb.Rz-7 stab3   ugcacuc GgaggaaacucC CUUCaaggacaucgucCGGG accucuc B   23064     15303   WNV-4186 Amb.Rz-7 stab3   guccauc GgaggaaacucC CUUCaaggacaucgucCGGG accucuc B   23064     15304   WNV-5577 Amb.Rz-7 stab3   geucuuc GgaggaaacucC CUUCaaggacaucgucCGGG accucuc B   23067     15305   WNV-5680 Zin.Rz-7 amino   uccuuca gccgaaaggCgagugaGGuCu aguggug B   23068     15306   WNV-3432 Zin.Rz-7 amino   gguagcg gccgaaaggCgagugaGGuCu aguggug B   23069     15306   WNV-6864 Zin.Rz-7 amino   cucuucaa gccgaaaggCgagugaGGuCu ugguugu B   23070     15307   WNV-6864 Zin.Rz-7 amino   cggcuag gccgaaaggCgagugaGGuCu ugguugu B   23070     15308   WNV-8864 Zin.Rz-7 amino   cggcuag gccgaaaggCgagugaGGuCu ugguugu B   23071     15307   WNV-8864 Zin.Rz-7 amino   cggcuag gccgaaaggCgagugaGGuCu ugguugu B   23071     15307   WNV-8962 Zin.Rz-7 amino   ucuucaa gccgaaaggCgagugaGGuCuugcuucu B   23071     15307   Strab4   Stab4   Stab	1	ACUUCAG A UCCAUUC	15297		gaaugga <i>GGCTAGCAACGA</i> cugaagu B	23060	37032
15309 WNV-415 Amb.Rz-7 stab3   guccauc Ggaggaaacucc CUUCaaggacaucgucCGGG uccucuu B   23062     15301 WNV-2552 Amb.Rz-7 stab3   guccauc Ggaggaaacucc CUUCaaggacaucgucCGGG aagccuc B   23064     15302 WNV-4186 Amb.Rz-7 stab3   ugcacuc Ggaggaaacucc CUUCaaggacaucgucCGGG uccucuc B   23064     15303 WNV-6577 Amb.Rz-7 stab3   guccauc Ggaggaaacucc CUUCaaggacaucgucCGGG uccucuc B   23065     15304 WNV-2680 Zin.Rz-7 amino   uccuuca gccgaaaggCgagugaGGuCu ugcuucc B   23067     15305 WNV-3432 Zin.Rz-7 amino   uccuuca gccgaaaggCgagugaGGuCu aguggug B   23068     15306 WNV-3442 Zin.Rz-7 amino   uccugua gccgaaaggCgagugaGGuCu aguugug B   23068     15307 WNV-8644 Zin.Rz-7 amino   uccugua gccgaaaggCgagugaGGuCu ugguugu B   23070     15308 WNV-8644 Zin.Rz-7 amino   uccucaa gccgaaaggCgagugaGGuCu ugguugu B   23070     15308 WNV-8962 Zin.Rz-7 amino   ucuucaa gccgaaaggCgagugaGGuCuugcuucu B   23071     15308 WNV-8962 Zin.Rz-7 amino   ucuucaa gccgaaaggCgagugaGGuCuugcuucu B   23071     15308 WNV-8962 Zin.Rz-7 amino   ucuucaa gccgaaaggCgagugaGGuCuugcuucu B   23071     15308 WNV-8964 Zin.Rz-7 amino   ucuucaa gccgaaaggCgagugaGGuCuugcuucu B   23071     15308 WNV-8964 Zin.Rz-7 amino   ucuucaa gccgaaaggCgagugaGGuCuugcuucu B   23071     15308 WLA-8564 Zin.Rz-7 amino   ucuucaa gccgaaaggCgagugaGGuCuugcuucuucuucuucuucuucuucuucuucuucuucuuc	1	UGUGCUA A UUCCUGA	15298		ucaggaa <i>GGCTAGCAACGA</i> uagcaca B	23061	37033
15301   WNV-2552 Amb.Rz-7 stab3   guccauc Ggaggaaacucc CUUCaaggacaucgucCGGG ucuucuc B   23064     15301   WNV-4186 Amb.Rz-7 stab3   ugcacuc GgaggaaacucC CUUCaaggacaucgucCGGG ucuucuc B   23065     15302   WNV-4186 Amb.Rz-7 stab3   aucaguc GgaggaaacucC CUUCaaggacaucgucCGGG ucuucuc B   23065     15303   WNV-2580 Zin.Rz-7 stab3   gcucuuc GgaggaaacucC CUUCaaggacaucgucCGGG uccuuuc B   23067     15304   WNV-2680 Zin.Rz-7 amino   uccuuca gccgaaaggCgagugaGGuCu ugcuucc B   23068     15305   WNV-3432 Zin.Rz-7 amino   uccugua gccgaaaggCgagugaGGuCu aguggug B   23069     15306   WNV-4044 Zin.Rz-7 amino   uccugua gccgaaaggCgagugaGGuCu ugguugu B   23070     15307   WNV-6864 Zin.Rz-7 amino   cggcuag gccgaaaggCgagugaGGuCu ugguugu B   23070     15308   stab4   stab	1	AAGAGGA G GAAAGAC	15299	WNV-415 Amb.Rz-7 stab3	gucunuc GgaggaaacucC CUUCaaggacaucgucCGGG uccucuu B	23062	37034
15301   WNV-4097 Amb.Rz-7 stab3   ugcacuc GgaggaaacucC CUUCaaggacaucgucCGGG ucuucuc B   23064     15302   WNV-4186 Amb.Rz-7 stab3   aucaguc GgaggaaacucC CUUCaaggacaucgucCGGG agcagca B   23065     15304   WNV-2680 Zin.Rz-7 amino   uccuuca gccgaaaggCgagugaGGuCu ugcuucc B   23067     15305   WNV-3432 Zin.Rz-7 amino   uccuuca gccgaaaggCgagugaGGuCu aguggug B   23068     15305   WNV-3432 Zin.Rz-7 amino   uccugua gccgaaaggCgagugaGGuCu aguggug B   23069     15306   WNV-3432 Zin.Rz-7 amino   uccugua gccgaaaggCgagugaGGuCu ugguugu B   23069     15307   WNV-6864 Zin.Rz-7 amino   uccugua gccgaaaggCgagugaGGuCu ugguugu B   23070     15308   WNV-6864 Zin.Rz-7 amino   ucuucaa gccgaaaggCgagugaGGuCuugcuucu B   23070     15308   WNV-8962 Zin.Rz-7 amino   ucuucaa gccgaaaggCgagugaGGuCuugcuucu B   23071     15308   WNV-8962 Zin.Rz-7 amino   ucuucaa gccgaaaggCgagugaGGuCuugcuucu B   23071     15308   Stab4   Sta	1	GAGGCUU G GAUGGAC	15300		guccauc GgaggaaacucC CUUCaaggacaucgucCGGG aagccuc B	23063	37035
15302   WNV-4186 Amb.Rz-7 stab3   aucaguc Ggaggaaacucc CUUCaaggacaucguccGGG agcagca B   23065     15303   WNV-5577 Amb.Rz-7 stab3   gcucuuc Ggaggaaacucc CUUCaaggacaucgucCGGG uccuuuc B   23066     15304   WNV-2680 Zin.Rz-7 amino   uccuuca gccgaaaggCgagugaGGuCu ugcuucc B   23067     15305   WNV-3432 Zin.Rz-7 amino   gguagcg gccgaaaggCgagugaGGuCu aguggug B   23068     15306   WNV-4044 Zin.Rz-7 amino   uccugua gccgaaaggCgagugaGGuCu acaucca B   23069     15307   WNV-6864 Zin.Rz-7 amino   cggcuag gccgaaaggCgagugaGGuCu ugguugu B   23070     15308   WNV-8962 Zin.Rz-7 amino   ucuucaa gccgaaaggCgagugaGGuCuugcuucu B   23071     15308   Stab4   Sta	1	GAGAAGA G GAGUGCA	15301			23064	37036
15304   WNV-2680 Zin.Rz-7 stab3   gcucuuc Ggaggaaacucc CUUCaaggacaucguccGGG uccuuuc B   23067     15304   WNV-2680 Zin.Rz-7 amino   uccuuca gccgaaaggCgagugaGGuCu ugcuucc B   23067     15305   WNV-3432 Zin.Rz-7 amino   gguagcg gccgaaaggCgagugaGGuCu aguggug B   23068     15306   WNV-4044 Zin.Rz-7 amino   uccugua gccgaaaggCgagugaGGuCu acaucca B   23069     15307   WNV-6864 Zin.Rz-7 amino   cggcuag gccgaaaggCgagugaGGuCu ugguugu B   23070     15308   WNV-8962 Zin.Rz-7 amino   ucuucaa gccgaaaggCgagugaGGuCuugcuucu B   23071     15308   Stab4   Stab4	1	UGCUGCU G GACUGAU	15302	86 Amb.Rz-7	aucaguc GgaggaaacucC CVVCaaggacaucgucCGGG agcagca B	23065	37037
15304   WNV-2680 Zin.Rz-7 amino   uccuuca gccgaaaggCgagugaGGuCu ugcuucc B   23067     15305   WNV-3432 Zin.Rz-7 amino   gguagcg gccgaaaggCgagugaGGuCu aguggug B   23068     15306   WNV-4044 Zin.Rz-7 amino   uccugua gccgaaaggCgagugaGGuCu acaucca B   23069     15307   WNV-6864 Zin.Rz-7 amino   cggcuag gccgaaaggCgagugaGGuCu ugguugu B   23070     15308   WNV-8962 Zin.Rz-7 amino   ucuucaa gccgaaaggCgagugaGGuCuugcuucu B   23071     15308   Stab4	1	GAAAGGA G GAAGAGC	15303	1	gcucuuc GgaggaaacucC CVVCaaggacaucgucCGGG uccuuuc B	23066	37038
15305 WNV-3432 Zin.Rz-7 amino gguageg gccgaaaggCgagugaGGuCu aguggug B 23068 15306 WNV-4044 Zin.Rz-7 amino uccugua gccgaaaggCgagugaGGuCu acaucca B 23069 15307 WNV-6864 Zin.Rz-7 amino cggcuag gccgaaaggCgagugaGGuCu ugguugu B 23070 15308 WNV-8962 Zin.Rz-7 amino ucuucaa gccgaaaggCgagugaGGuCuugcuucu B 23071 stab4	i i	GGAAGCA G UGAAGGA	15304	Zin.Rz-7	gccgaaaggCgagugaGGuCu ugcuucc	23067	37039
15306 WNV-4044 Zin.Rz-7 amino uccugua gccgaaaggCgagugaGGuCu acaucca B 23069  15307 WNV-6864 Zin.Rz-7 amino cggcuag gccgaaaggCgagugaGGuCu ugguugu B 23070  stab4  15308 WNV-8962 Zin.Rz-7 amino ucuucaa gccgaaaggCgagugaGGuCuugcuucu B 23071  stab4	1	CACCACU G CGCUACC	15305	Zin.Rz-7	gccgaaaggCgagugaGGuCu aguggug	23068	37040
15307 WNV-6864 Zin.Rz-7 amino cggcuag gccgaaaggCgagugaGGuCu ugguugu B 23070 stab4 15308 WNV-8962 Zin.Rz-7 amino ucuucaa gccgaaaggCgagugaGGuCuugcuucu B 23071 stab4	1	UGGAUGU G UACAGGA	15306	Zin.Rz-7	gccgaaaggCgagugaGGuCu acaucca	23069	37041
15308 WNV-8962 Zin.Rz-7 amino ucuucaa gccgaaaggCgagugaGGuCuugcuucu B 23071 stab4		ACAACCA G CUAGCCG	15307	Zin.Rz-7	gccgaaaggCgagugaGGuCu ugguugu	23070	37042
	1	AGAAGCA G UUGAAGA	15308		gccgaaaggCgagugaGGuCuugcuucu	23071	37043

Table XIII

Input Sequence = AF196835. Cut Site = UH/.

Arm Length = 8. Core Sequence = CUGAUGAG GCCGUUAGGC CGAA
AF196835 West Nile virus strain NY99-flamingo382-99,
complete genome
lower case = 2'-O-methyl
UPPER CASE = RIBO
BOLD = 2'-amino
B = inverted deoxy abasic
ITALIC = 2'-deoxy

Table XIV: In vitro cleavage data

Table XIV

RPI#	Site/Motif	Enzymatic Nucleic Acid Sequence	Seq ID No.	% cleaved	Substrate	Seq ID
	WNV-698 Rz-7		37019			37056
23047	Ome stabl	ucuucca CUGAUGAggccguuaggccGAA Accugac B		89.68	GUCAGGU A UGGAAGA B	
	WNV-3021 Rz-7		37020			37057
23048	Ome stab1	ccguucc CUGAUGAggccguuaggccGAA Augaucu B		93.10	AGAUCAU U GGAACGG B	
	WNV-4082 Rz-7		37021			37058
23049	Ome stabl	ccugauc CUGAUGAggccguuaggccGAA Agcugcc B		89.54	GGCAGCU U GAUCAGG B	
ĺ	WNV-7400 Rz-7		37022			37059
23050	Ome stabl	gegenen CUGAUGAggeeguuaggeeGAA Auueugg B		94.82	CCAGAAU U AGAGCGC B	
	WWV-9915 Rz-7		37023		,	37060
23051	Ome stabl	cuggaga CUGAUGAggccguuaggccGAA Augcgag B		90.92	CUCGCAU A UCUCCAG B	
	WNV-256 CHz-7		37024			37061
23052	Ome stab1	aaccuga CUGAUGAggccgunaggccGAA Iaacgcc B		90.06	GCCGUUC U UCAGGUU B	
	WNV-1488 CHz-7		37025			37062
23053	Ome stab1	uguauga CUGAUGAggccgunaggccGAA Igcgccg B		76.12	CGGCGCC U UCAUACA B	
	WNV-6802 CHz-7		37026			37063
23054	Ome stab1	aagagaa CUGAUGAggccguuaggccGAA Igagagc B		88.59	GCUCCUCC C UUCCUCUU B	
	WNV-7344 CHz-7		37027			37064
23055	Ome stab1	ugauucc CUGAUGAggccguuaggccGAA Iccgcug B		91.26	CAGCGGC C GGAAUCA B	
	WNV-9733 CHz-7		37028			37065
23056	Ome stab1	uugagga CUGAUGAggccguuaggccGAA Iuggagc B		78.91	GCUCCAC U UCCUCAA B	-
	WNV-1491 Dz-7		37029			37066
23057	stab3	gugugua GGCTAGCTACAACGA gaaggcg B		72.13	CGCCUUC A UACACAC B	
	WNV-1562 Dz-7		37030			37067
23058	stab3	guaugca GGCTAGCTACAACGA ugguguc B		86.07	GACACCA A UGCAUAC B	
	WNV-3089 Dz-7		37031			37068
23059	stab3	cguauca GGCTAGCTACAACGA ugagccu B		87.00	AGGCUCA A UGAUACG B	
	WNV-5582 Dz-7		37032			37069
23060	stab3	gaaugga GGCTAGCTACAACGA cugaagu B		39.77	ACUUCAG A UCCAUUC B	
	WNV-6823 Dz-7		37033			37070
23061	stab3	ucaggaa GGCTAGCTACAACGA uagcaca B		89.13	UGUGCUA A UUCCUGA B	
	WNV-415 Amb.Rz-	gucuuuc Ggaggaaacucc COOCaaggacaucgucCGGG	37034	1		37071
23062	7 stab3	uccucuu B		24.90	AAGAGGA G GAAAGAC B	
- 63066	WNV-2552	guccauc GgaggaaacucC CUUCaaggacaucgucCGGG	37035			37072
Tones	MID. KZ=/ BLGD3	aagccuc B		53.89	GAGGCOO G GAOGGAC B	

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Table

Ī	WWV-4097	udcacuc Gaaddaaacucc CUUCaaqqacaucqucCGGG	37036			37073
23064	Amb.Rz-7 stab3			11.57	GAGAAGA G GAGUGCA B	
	WNV-4186	aucaguc GgaggaaacucC CUUCaaggacaucgucCGGG	37037			37074
23065	Amb.Rz-7 stab3	адсадса В		49.54	UGCUGCU G GACUGAU B	
	WNV-6577	gcucuuc GgaggaaacucC CUUCaaggacaucgucCGGG	37038			37075
23066	Amb.Rz-7 stab3	uccuuuc B	-	27.23	GAAAGGA G GAAGAGC B	
	WNV-2680		37039			37076
	Zin.Rz-7 amino					
23067	stab4	uccuuca gccgaaaggCgagugaGGuCu ugcuucc B		5.20	GGAAGCA G UGAAGGA B	
	WNV-3432		37040			37077
	Zin.Rz-7 amino					
23068	stab4	gguagcg gccgaaaggCgagugaGGuCu aguggug B		85.91	CACCACU G CGCUACC B	
	WNV-4044		37041			37078
	Zin.Rz-7 amino					
23069	stab4	uccugua gccgaaaggCgagugaGGuCu acaucca B		80.75	UGGAUGU G UACAGGA B	
	WNV-6864		37042			37079
	Zin.Rz-7 amino					
23070	stab4	cggcuag gccgaaaggCgagugaGGuCu ugguugu B		16.02	ACAACCA G CUAGCCG B	
	WNV-8962		37043			37080
	Zin.Rz-7 amino				;	
23071	stab4	ucuucaa gccgaaaggCgagugaGGuCu ugcuucu B		4.93	AGAAGCA G UUGAAGA B	

UPPER CASE = RIBO
Lower case = 2'-O-methyl
Bold = 2'-deoxy-2'-amino
ITALIC = 2'-deoxy
B = inverted deoxyabasic
I = Inosine

## CLAIMS

1. A nucleic acid molecule that modulates replication of West Nile Virus (WNV).

- 5 2. The nucleic acid molecule of claim 1, wherein said nucleic acid molecule is selected from the group consisting of enzymatic nucleic acid, antisense nucleic acid, 2',5'-A nucleic acid, triplex forming nucleic acid, and decoy nucleic acid molecules.
- 3. The nucleic acid molecule of claim 1, wherein said nucleic acid molecule is effective to treat a condition related to WNV infection, wherein said condition is selected from the group consisting of pancreatitis, encephalitis, myocarditis, meningitis, neurologic infection, hepatitis, liver failure, hepatocellular carcinoma, and cirrhosis.
- 4. The nucleic acid molecule of claim 3, wherein said nucleic acid molecule is used in conjunction with one or more other therapies for the treatment of said condition.
  - 5. The nucleic acid molecule of claim 4, wherein said other therapyis selected from the group consisting of antivirals and interferons.
- 6. The nucleic acid molecule of claim 1, wherein said nucleic acid molecule is chemically synthesized.
  - 7. The nucleic acid molecule of claim 1, wherein said nucleic acid molecule comprises at least one 2'-sugar modification.
  - 8. The nucleic acid molecule of claim 1, wherein said nucleic acid comprises at least one nucleic acid base modification.
- 25 9. The nucleic acid molecule of claim 1, wherein said nucleic acid comprises at least one phosphate backbone modification.
  - 10. The nucleic acid molecule of claim 1, wherein said nucleic acid molecule comprises at least one 2'-sugar modification and at least one phosphate backbone modification.

11. The nucleic acid molecule of claim 1, wherein said nucleic acid comprises a cap structure, wherein the cap structure is at the 5'-end or 3'-end, or both the 5'-end and the 3'-end.

- The nucleic acid molecule of claim 1, wherein said nucleic acid molecule comprises between 12 and 100 bases complementary to a RNA molecule of WNV.
  - 13. The nucleic acid of any of claim 1, wherein said nucleic acid molecule comprises between 14 and 24 bases complementary to a RNA molecule of WNV.
- 10 14. A method of down regulating the replication of WNV in a cell, comprising the step of contacting said cell with the nucleic acid molecule of claim 1, under conditions suitable for said down regulation of WNV replication.
- 15. A method of down regulating the replication of WNV in a mammal comprising the step of administering the nucleic acid molecule of claim 1 to the mammal, under conditions suitable for said down regulation of WNV replication.
  - 16. A method of reducing WNV activity in a cell, comprising the step of contacting said cell with the nucleic acid molecule of claim 1, under conditions suitable for said reduction of WNV activity.
- 20 17. A method of treating a patient having a condition associated with the level of WNV comprising the step of contacting cells of said patient with the nucleic acid molecule of claim 1, under conditions suitable for said treatment.
  - 18. The method of claim 15 further comprising the use of one or more other therapies under conditions suitable for said treatment.
- 25 19. The method of claim 18, wherein said other therapy is selected from the group consisting of antivirals and interferon.
  - 20. The nucleic acid molecule of claim 2, wherein said enzymatic nucleic acid molecule cleaves RNA derived from WNV.
- The nucleic acid molecule of claim 2, wherein said enzymatic nucleic acid molecule cleaves plus strand RNA derived from WNV.

22. The nucleic acid molecule of claim 2, wherein said enzymatic nucleic acid molecule cleaves minus strand RNA derived from WNV.

23. The enzymatic nucleic acid of claim 2 having at least one binding arm wherein the binding arm of said enzymatic nucleic acid molecule comprises a sequence complementary to any of the sequences of SEQ ID NOs 1-15,308

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- 24. The enzymatic nucleic acid molecule of claim 2, wherein said enzymatic nucleic acid molecule comprises any of the sequences of SEQ ID NOs 15,309-37,043.
- The antisense nucleic acid molecule of claim 2, wherein said antisense nucleic acid molecule inhibits the activity of RNA derived from WNV.
  - 26. The antisense nucleic acid molecule of claim 25, wherein said antisense nucleic acid molecule inhibits the activity of plus strand RNA derived from WNV.
- The nucleic acid molecule of claim 25, wherein said antisense nucleic acid molecule inhibits the activity of minus strand RNA derived from WNV.
  - 28. The antisense nucleic acid molecule of claim 2, wherein said antisense nucleic acid molecule comprises a sequence complementary to any of the sequences of SEQ ID NOs 1-15,308.
- 20 29. An enzymatic nucleic acid molecule that cleaves RNA derived from the WNV.
  - 30. The enzymatic nucleic acid molecule of claim 2 or claim 29, wherein said enzymatic nucleic acid molecule is selected from the group consisting of Hammerhead, Inozyme, G-cleaver, DNAzyme, Amberzyme and Zinzyme.
- 25 31. The enzymatic nucleic acid molecule of claim 2 or claim 29, wherein said enzymatic nucleic acid molecule is in a hairpin, hepatitis Delta virus, group I intron, VS nucleic acid, or RNAse P nucleic acid motif.
  - 32. The enzymatic nucleic acid molecule of claim 30, wherein said Hammerhead motif comprises a sequence complementary to any of the substrate sequences in Tables III and VIII.

33. The enzymatic nucleic acid molecule of claim 30, wherein said Inozyme motif comprises a sequence complementary to any of the substrate sequences in Tables IV and IX.

- 34. The enzymatic nucleic acid molecule of claim 30, wherein said DNAzyme comprises a sequence complementary to any of the substrate sequences in Tables VI and XI.
  - 35. The enzymatic nucleic acid molecule of claim 30, wherein said Zinzyme comprises a sequence complementary to any of the substrate sequences in Tables V and X.
- 10 36. The enzymatic nucleic acid molecule of claim 30, wherein said Amberzyme comprises sequences complementary to any substrate sequences in Tables VII and XII.
  - 37. The enzymatic nucleic acid molecule of claim 30, wherein said Hammerhead comprises at least five ribose residues, at least ten 2'-O-methyl modifications, and a 3'- end modification.

- 38. The enzymatic nucleic acid molecule of claim 37, wherein said Hammerhead further comprises phosphorothicate linkages on at least three of the 5' terminal nucleotides.
- 39. The enzymatic nucleic acid molecule of claim 37, wherein said 3'- end modification is a 3'-3' inverted abasic moiety.
  - 40. The enzymatic nucleic acid molecule of claim 30, wherein said Inozyme comprises at least five ribose residues, at least ten 2'-O-methyl modifications, and a 3'- end modification.
- 41. The nucleic acid molecule of claim 40, wherein said Inozyme further comprises phosphorothicate linkages on at least three of the 5' terminal nucleotides.
  - 42. The nucleic acid molecule of claim 40, wherein said a 3'- end modification is 3'-3' inverted abasic moiety.
- The enzymatic nucleic acid molecule of claim 30, wherein said DNAzyme comprises at least ten 2'-O-methyl modifications.

44. The enzymatic nucleic acid molecule of claim 43, wherein said DNAzyme further comprises phosphorothicate linkages on at least one of the 5' terminal nucleotides.

45. The enzymatic nucleic acid molecule of claim 44, wherein said DNAzyme further comprises a 3'-end modification.

- 46. The enzymatic nucleic acid molecule of claim 45, wherein said 3'- end modification is a 3'-3' inverted abasic moiety.
- 47. The antisense nucleic acid molecule of claim 2, wherein said antisense nucleic acid molecule comprises at least ten 2'-O-methyl modifications.
- 10 48. The antisense nucleic acid molecule of claim 2, wherein said antisense nucleic acid molecule comprises a region that is an RNAse H activating region.
  - 49. The nucleic acid molecule of claim 48, wherein said RNAse H activating region comprises a region having at least five deoxyribonucleotides.
- 15 50. The nucleic acid molecule of claim 49, wherein said RNAse H activating region further comprises one or more phosphate backbone modification.
  - 51. The nucleic acid molecule of claim 50, wherein said phosphate backbone modification is a phosphorothioate or phosphorodithioate modification.
- 52. The antisense nucleic acid molecule of claim 2, wherein said antisense nucleic acid molecule comprises an RNAse H activating region and a non-RNAse H activating region.
  - 53. The antisense nucleic acid molecule of claim 2, wherein said antisense nucleic acid molecule comprises a 5'-end modification, a 3'-end modification or both a 5'-end and a 3'-end modification.
- 25 54. The antisense nucleic acid molecule of claim 53, wherein said 3'- end modification is selected from the group consisting of 3'-3' inverted abasic moiety, 3'-3' inverted nucleotide moiety, and phosphate backbone modification.
- 55. The antisense nucleic acid molecule of claim 53, wherein said 5'-end modification is selected from the group consisting of 5',5'-inverted abasic

- moiety, 5'-5' inverted nucleotide moiety, and phosphate backbone modification.
- 56. A method of cleaving WNV RNA comprising contacting the enzymatic nucleic acid molecule of claim 2 or claim 29 with said RNA under conditions suitable for the cleavage of said RNA.
  - 57. The method of claim 56, wherein said cleavage is carried out in the presence of a divalent cation.
  - 58. The method of claim 57, wherein said divalent cation is  $Mg^{2+}$ .

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- 59. An expression vector comprising nucleic acid sequence encoding at least one nucleic acid molecule of claim 1, in a manner that allows expression of that nucleic acid molecule.
  - 60. The expression vector of claim 59, wherein said nucleic acid molecule is an enzymatic nucleic acid molecule.
- The expression vector of claim 59, wherein said expression vector further comprises a sequence for an antisense nucleic acid molecule complementary to the RNA of WNV genome.
  - 62. The expression vector of claim 59, wherein said expression vector comprises sequence encoding at least two said nucleic acid molecules that can be same or different.
- 20 63. The expression vector of claim 62, wherein one said nucleic acid molecule comprises sequence encoding at least one antisense nucleic acid molecule complementary to RNA derived from the WNV.
  - 64. The expression vector of claim 62, wherein one said nucleic acid molecule comprises at least one sequence encoding an enzymatic nucleic acid molecule complementary to RNA derived from the WNV.
    - 65. A pharmaceutical composition comprising the nucleic acid molecule of claim 1 in a pharmaceutically acceptable carrier.
    - A kit for the treatment of patients infected with WNV comprising the nucleic acid molecule of claim 1.

67. A kit for detecting WNV in a system comprising the nucleic acid molecule of claim 1.

- 68. A method of administering to a cell the nucleic acid molecule of claim 1 comprising contacting said cell with the nucleic acid molecule under conditions suitable for said administration.
- 69. The method of claim 68, wherein said cell is a mammalian cell.
- 70. The method of claim 69, wherein said cell is a human cell.

- 71. The method of claim 68, wherein said administration is in the presence of a delivery reagent.
- 10 72. The method of claim 71, wherein said delivery reagent is a lipid.
  - 73. The method of claim 72, wherein said lipid is a cationic lipid.
  - 74. The method of claim 72, wherein said lipid is a phospholipid.
  - 75. The method of claim 71, wherein said delivery reagent is a liposome.

Figure 1: Examples of Nuclease Stable Ribozyme Motifs

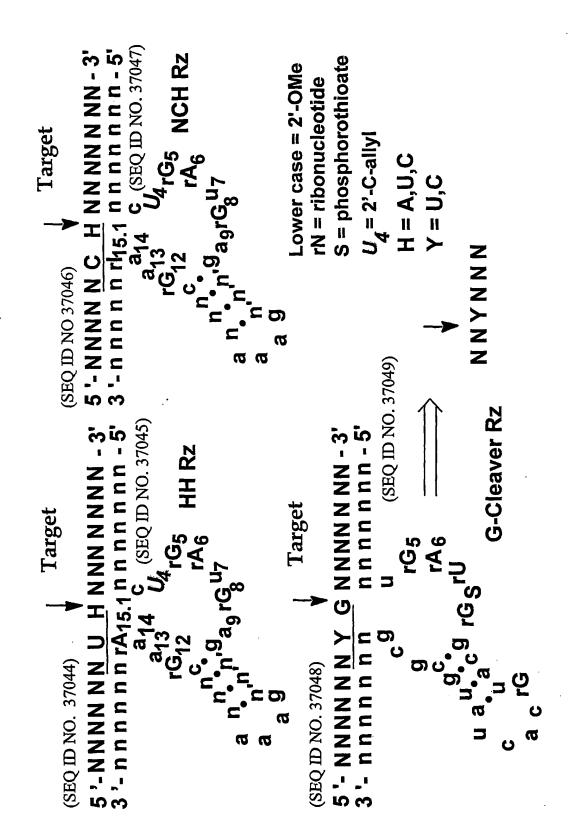


Figure 2: 2'-0-Me substituted Amberzyme Enzymatic Nucleic Acid Motif

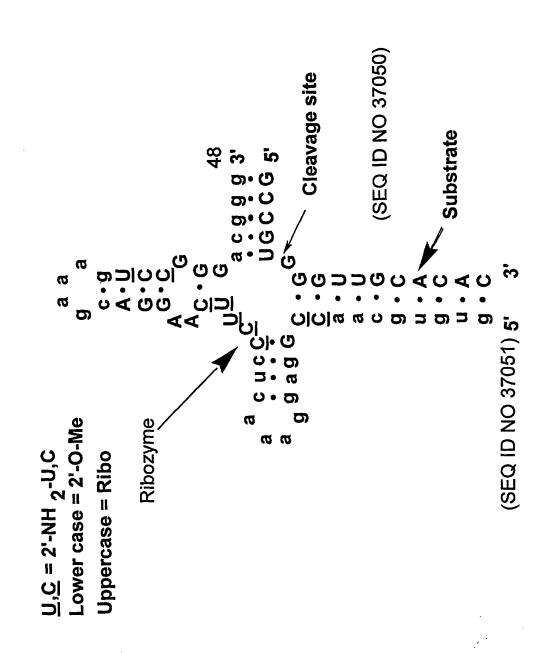
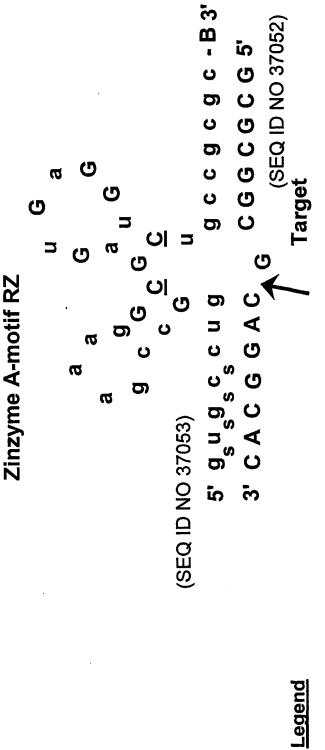


Figure 3: Stabilized Zinzyme Ribozyme Motif



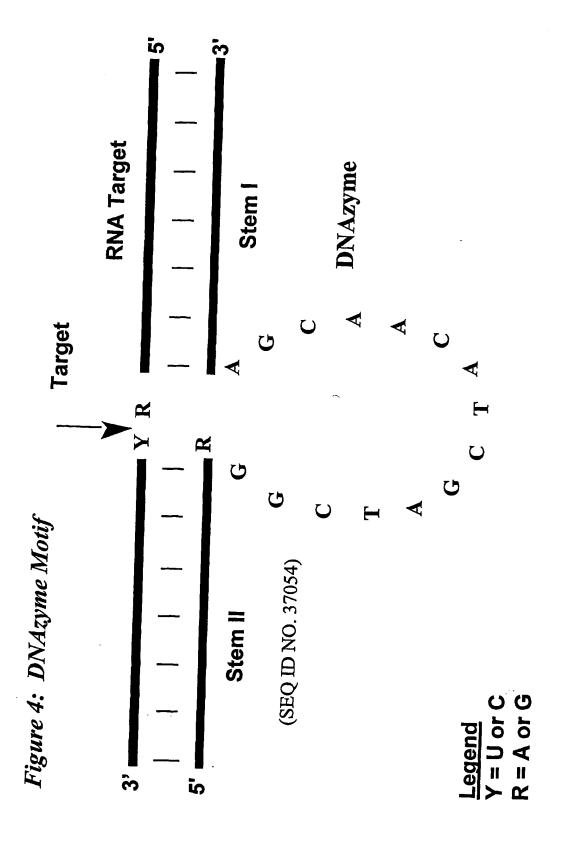
Uppercase indicates natural ribo residues

C indicates 2'- d-NH₂-C

Lowercase: 2'-0-Me

Subscript s indicates phosphothioate linkage

B: 3'- 3' abasic moiety



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